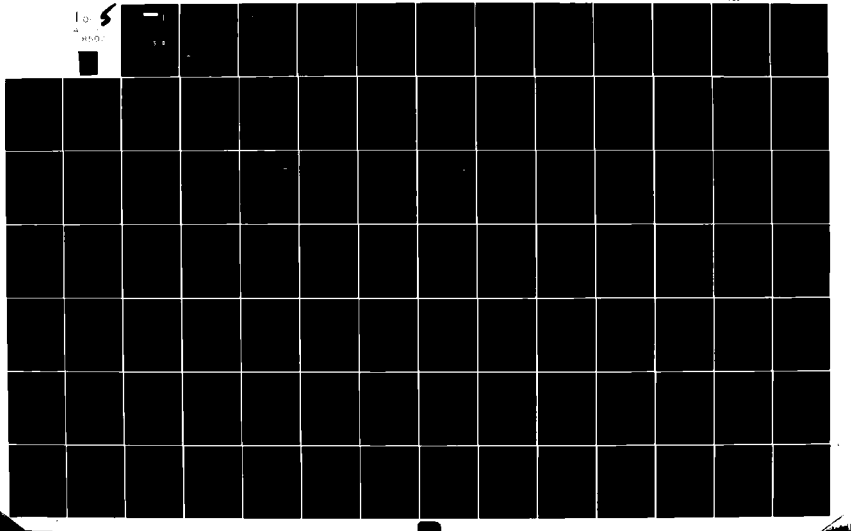
AD-A118 507 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BITBURG AIR BASE, WEST GERMANY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

BITBURG AB DL MSC #106100
N 49 57 E 006 34 FLD ELEV 1228 FT EDAB

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

POR FROM DAILY OBS: APR 52 - DEC 81

TIME CONVERSION GMT TO LST: +1

JUN 29 1982

FEDERAL BUILDING
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Chief, Technical Information Section
USAFETAC/TST

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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1. REPORT NUMBER: USAFETAC/DS-82/039
2. GOVT ACCESSION NO.:
3. RECIPIENT'S CATALOG NUMBER:

4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Bitburg AB, West Germany
5. TYPE OF REPORT & PERIOD COVERED: Final rept.
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16. DISTRIBUTION STATEMENT (of this Report)

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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 Bitburg 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
Bitburg 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

Hourly observations are obtained from those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are obtained from all data recorded on reporting forms and combined into a summary of the day observations. (Created from record-special, hourly, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and the manner of presentation. The stations are prepared from hourly and daily observations recorded by stations operated by the U.S. Weather Bureau and some foreign stations using similar reporting practices.

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0100-0300, 0400-0600, 0700-0900, 1000-1200, 1300-1500, 1600-1800, 1900-2100, 2200-2400 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
106100	BITBURG AB GERMANY	N 49 57	E 006 34	1228	EDAB	10610

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	Bitburg Germany	AB	Apr 52	Feb 57	N 49 57	E 006 34	1229	1210	24
2	Same	Same	Mar 57	Jul 68	Same	Same	1228	Same	24
3	Same	Same	Aug 68	Oct 68	Same	Same	Same	Same	10
4	Same	Same	Nov 68	Mar 71	Same	Same	Same	Same	24
5	Same	Same	Apr 71	Jun 71	Same	Same	Same	Same	16
6	Same	Same	Jul 71	Jul 72	Same	Same	Same	Same	24
7	Same	Same	Aug 72	Dec 78	Same	Same	Same	Same	24
8	Same	Same	Jan 79	Jun 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	Apr 52	Located on top of control tower.	AN/GMQ-1	ML-204B (WndPnl)	130 ft	
2	Mar 56	Located 60' E end of rnwy.	Same	Same	13 ft	
3	Mar 57	Located on control tower.	Same	N/A	135 ft	
4	Aug 57	Located at ROS, 1825 ft N of touchdown point of rnwy 24.	Same	Same	15 ft	
5	Mar 59	Located on control tower.	Same	Same	145 ft	
6	Mar 60	Located 4800 ft from touchdown point rnwy 06, 500 ft SE of 160° of centerline.	AN/GMQ-11	RO-2A (Aug 59)	13 ft	
7	Mar 62	Located 1654 ft SE of Weather Stn.	Same	Same	40 ft	
8	Sep 64	1. Located 500 ft from centerline, 1000 ft from end of rnwy 06.	AN/GMQ-11	RO-2A	13 ft	

ABER OF ATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
		2. Located 500 ft from centerline, 1000 ft from end of rnwy 24.	Same		31 ft	
)	Mar 69	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
)	Jan 71	1. Located 450 ft from centerline, 1000 ft from end of rnwy 06.	AN/GMQ-20	Same	Same	
		2. Located 550 ft from centerline, 1100 ft from end of rnwy 24.	Same		Same	
1	Nov 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	
	Jun 82	1. Same	Same	Same	Same	
		2. Same	Same		Same	

MAC-6 AFB, [illegible]

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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.

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	ITBURG AB NJ	73-61	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.
[illegible]	0-2		15.2	.5	11.4		28.0	23.6	8.5	.1		32.2	835
	3-5		20.9	.8	12.8		32.1	25.9	5.7	.1		31.8	837
	6-8		21.6	.8	12.8		32.5	25.8	5.0	.1		32.9	837
	9-11		15.2	1.4	10.3		27.7	28.2	10.3			36.5	837
	12-14		16.0	1.0	9.7		25.3	24.7	14.2			38.9	837
	15-17		15.8	.6	9.6		24.3	18.1	16.9	.1		35.0	836
	18-20	.1	17.4	.6	9.6		25.2	18.2	16.6	.4		35.1	837
	21-23		16.5	.7	10.6		26.6	19.4	12.0	.1		31.9	836
TOTALS		.2	16.1	.8	10.9		27.7	23.0	11.2	.1		34.2	6692

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WEATHER CONDITIONS

1... ...ITBURG AB ...L 73-81 FEB
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.
FEB	...0-03		11.8	1.0	10.0		21.4	21.1	15.0	.1		36.2	762
	03-06		11.7	.7	8.1		20.3	26.9	11.7	.4		39.0	762
	06-09		15.7	.5	10.0		25.5	25.9	10.9			36.7	762
	09-11		11.9	.9	9.1		21.5	29.7	23.5			53.1	762
	12-14		11.1	.7	11.0		20.5	21.1	24.7			45.8	762
	15-17		13.4	.5	8.3		18.8	11.7	23.0			34.6	762
	18-21	.3	14.4	.8	6.0		20.7	10.6	22.0			32.7	762
	21-23		13.9	1.0	10.6		24.0	13.5	18.0			31.5	762
TOTALS		.0	12.5	.8	9.1		21.6	20.1	18.6	.1		38.7	6096

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TAC
A. EATHER SERVICE/MAC

WEATHER CONDITIONS

1 P | EITPURG AB OL | 73-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MA	00-02		16.6		5.3		22.2	12.7	11.7			24.4	837
	3-05	.1	16.2		4.3		21.4	17.1	11.4			28.4	837
	06-08		18.6		5.7		23.3	22.0	14.5			36.4	837
	09-11		18.2		5.5		23.1	22.7	21.4			44.1	837
	12-14		15.8		4.9		20.2	10.6	21.0			31.7	837
	15-17	.2	17.4		3.5		20.2	3.2	17.3			20.5	837
	18-20	.1	20.3		3.6	.1	23.2	3.7	17.3			21.0	837
	21-23		18.0		3.9	.1	21.0	6.1	11.6			17.7	837
TOTALS		.1	16.1		4.6	.0	21.6	12.3	15.8			28.0	6696

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WEATHER CONDITIONS

1 17	PITTSBURG AB OL	73-81	APR
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.
APR	00-02		11.1		3.1		13.3	8.6	9.1			17.8	810
	03-05		12.0		4.1		14.7	14.9	9.1			24.1	810
	06-08	.1	11.9		7.0		17.8	21.6	16.9			38.5	810
	09-11		8.9		5.9		14.7	16.2	22.5			38.6	810
	12-14		11.7		4.8	.2	15.8	4.9	14.4			19.4	810
	15-17	.2	10.9		2.6	.1	13.2	2.7	8.4			11.1	810
	18-20	.5	12.1		2.7		14.1	3.2	7.4			10.6	810
	21-23	.1	11.2		1.7		12.8	3.0	8.4			11.4	810
TOTALS		.1	11.2		4.0	.0	14.6	9.4	12.0			21.4	6480

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	SITBURG AB DL	73-81	MAY

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.
MAY	00-02	.8	11.5		.4		11.8	6.5	4.8			11.2	836
	03-05	.1	12.3		.4		12.5	14.1	7.4			21.5	837
	06-08	.1	12.5		.6		13.0	22.3	12.9			35.2	837
	09-11	.2	12.5		.5		12.8	10.8	16.5			27.2	837
	12-14	.1	10.3		.4		10.5	3.0	7.5			10.5	837
	15-17	1.1	11.4		.4		11.6	1.2	4.8			6.0	837
	18-20	2.2	11.1			.1	11.2	1.7	4.9			6.6	837
	21-23	1.8	11.6				11.6	2.2	5.6			7.8	837
TOTALS		.8	11.7		.3	.0	11.9	7.7	8.1			15.8	6695

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1 0	BITBURG AB DL	73-81	JUN

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.
JUN	00-02	.7	9.9				9.9	8.5	4.8			13.3	810
	03-05	.2	9.8				9.8	16.9	8.4			25.3	810
	06-08	.6	12.3				12.0	30.0	14.2			44.2	810
	09-11	.1	11.0		.1		11.0	11.7	17.3			29.0	810
	12-14	.4	9.0				9.0	2.6	8.6			11.2	810
	15-17	2.3	11.4				11.4	.9	5.2			6.0	810
	18-20	2.6	10.9				10.9	1.5	7.0			8.5	810
	21-23	2.0	11.4				11.4	3.6	8.4			12.0	810
TOTALS		1.1	10.7		.0		10.7	9.5	9.2			18.7	6480

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WEATHER CONDITIONS

72 1 3	FITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.1	8.8				8.8	6.6	3.7			10.3	834
	03-05	1.1	9.2				9.2	15.5	4.2			19.7	837
	06-08	.4	12.5				12.5	29.5	13.6			43.1	837
	09-11	.1	12.3				12.3	10.5	16.6			27.1	837
	12-14	.1	9.4				9.4	1.1	8.9			9.9	836
	15-17	2.2	11.0				11.0	.5	3.6			4.1	837
	18-20	2.6	11.8				11.8	.6	3.7			4.3	837
	21-23	2.3	11.1			.1	11.3	2.9	6.6			9.5	835
TOTALS		1.2	10.8			.0	10.8	8.4	7.6			16.0	6690

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]10	PITTSBURG AB OL	73-81	AUG

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.
AUG	00-02	.5	7.5				7.5	9.4	7.0			16.3	748
	03-05	.4	6.8				6.8	20.2	6.9			27.1	794
	06-08	.4	8.8				8.8	35.0	12.3			47.3	837
	09-11	.2	9.0				9.0	21.5	20.2			41.7	637
	12-14	.4	7.0				7.0	4.0	12.8			16.9	818
	15-17	.9	7.9				7.9	.1	6.7			6.8	807
	18-20	2.0	8.0				8.0	1.3	5.7			7.0	767
	21-23	2.3	8.4				8.4	4.1	7.5			11.6	748
TOTALS		.9	7.9				7.9	12.0	9.9			21.8	6356

GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]30	ELTBURG AB OL	73-81	SEP

PERCENTAGE FREQUENCY OF OCCUPRENCE 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	.7	7.7				7.7	20.6	5.9			26.5	810
	03-05	.4	8.9				8.9	33.7	6.5			40.2	810
	06-08	.4	8.3				8.3	46.5	7.7			54.2	810
	09-11	.4	9.8				9.8	36.9	15.3			52.2	810
	12-14	.1	11.2				11.2	10.0	17.2			27.2	810
	15-17	.7	9.4				9.4	1.6	7.3			8.9	810
	18-20	1.0	10.0				10.0	2.1	6.9			9.0	810
	21-23	.7	9.6				9.6	6.5	6.4			13.0	810
TOTALS		.6	9.4				9.4	19.7	9.2			28.9	6480

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]13	RITBURG AB OL	73-81	OCT

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.
OCT	00-02		14.5		.1		14.5	23.3	4.9			28.2	837
	03-05	.2	16.1		.1		16.1	34.3	2.5			36.8	836
	06-08	.2	17.9		.8		18.6	40.4	3.6			44.2	837
	09-11		18.0		.4		18.4	37.6	10.0			47.7	837
	12-14		17.0		.1		17.0	19.4	12.8			32.1	837
	15-17	.4	14.6				14.6	8.7	13.4			22.1	837
	18-20		13.1				13.1	9.8	12.7			22.5	837
	21-23	.4	13.6		.2		13.6	15.4	7.4			22.8	837
TOTALS		.2	15.6		.2		15.7	23.6	8.4			32.1	6695

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

...L ...AL CLIMATOLOGY BRANCH
...ETAC
A... ...EATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1 ?	BITBURG AB GL	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		18.9	.4	4.2		23.2	25.3	4.3			29.6	810
	03-05		20.5	.1	4.3		23.7	29.9	3.8			33.7	809
	06-08		23.5	1.0	4.2		26.7	30.0	3.3			33.3	810
	09-11		21.4	1.0	4.2		25.2	31.5	9.5			41.0	810
	12-14		17.4		5.1	.1	21.2	24.7	10.1			34.8	810
	15-17		18.9		5.1	.1	22.6	14.9	10.7			25.7	810
	18-20		20.5		4.2		23.6	15.6	11.7			27.3	809
	21-23		20.5	.1	3.5		22.8	19.0	5.7			24.7	810
TOTALS			20.2	.3	4.4	.0	23.6	23.9	7.4			31.3	6478

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BITBURG 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		22.7	1.0	8.5		30.7	24.1	5.7			29.9	837
	03-05	.1	22.7	.4	8.1		30.0	27.7	5.0			32.7	837
	06-08		20.1	.7	10.8	.1	30.1	30.2	4.3			34.5	837
	09-11		20.0	1.0	10.9		31.1	29.7	8.8			38.6	837
	12-14	.1	17.7	.5	13.1		30.6	25.2	8.6			33.8	837
	15-17		20.4	.7	12.4		32.0	20.9	9.9			30.8	837
	18-20		20.3	.7	9.3		29.2	20.9	7.9			28.8	837
	21-23		20.9	1.3	8.1		28.9	21.4	6.6			28.0	837
TOTALS		.0	20.6	.8	10.2	.0	30.3	25.0	7.1			32.1	6696

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

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
... I ...	...ITBURG AB DL	73-81	ALL

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	18.1	.8	10.9		27.7	23.0	11.2	.1		34.2	6692
FEB		.0	12.5	.8	9.1		21.6	20.1	18.6	.1		38.7	6096
MAR		.1	13.1		4.6	.0	21.8	12.3	15.8			28.0	6696
APR		.1	11.2		4.0	.0	14.6	9.4	12.0			21.4	6480
MAY		.8	11.7		.3	.0	11.9	7.7	8.1			15.8	6695
JUN		1.1	10.7		.0		10.7	9.5	9.2			18.7	6480
JUL		1.2	10.8			.0	10.8	8.4	7.6			16.0	6690
AUG		.9	7.9				7.9	12.0	9.9			21.8	6356
SEP		.6	9.4				9.4	19.7	9.2			26.9	6480
OCT		.2	15.6		.2		15.7	23.6	8.4			32.1	6695
NOV			20.2	.3	4.4	.0	23.6	23.9	7.4			31.3	6478
DEC		.0	20.6	.8	10.2	.0	30.3	25.0	7.1			32.1	6696
TOTALS		.4	13.9	.2	3.6	.0	17.2	16.2	10.4	.0		26.6	78534

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

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.

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
...G	...TTBURG AB OL	52-61	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	.6	51.2	7.0	45.1	.9	75.1	73.9	57.4	1.9		87.5	899
FEB		.6	47.2	3.4	39.9	1.7	68.5	67.5	65.9	.2		85.7	818
MAR		1.1	52.6	.2	24.4	2.0	64.4	57.1	71.4			84.9	899
APR		3.7	53.1	.1	14.8	3.1	58.8	48.4	59.6			73.2	876
MAY		11.7	59.5		1.8	2.1	59.7	48.2	51.8			68.1	903
JUN		14.9	56.0			1.2	56.0	52.8	54.9			71.7	900
JUL		14.8	54.8			1.0	54.8	55.6	56.6			74.5	914
AUG		13.2	53.6			.2	53.6	62.9	55.5			77.5	914
SEP		5.2	49.4			.6	49.4	70.3	62.7			81.6	889
OCT		1.4	53.9	.1	2.7	.3	54.1	76.2	62.4			87.2	922
NOV		.3	50.1	1.5	21.5	.6	68.5	79.3	53.4	.1		87.6	893
DEC		.3	57.7	7.4	37.2	.6	75.1	76.8	52.5	.1		88.4	906
TOTALS		5.6	54.1	1.6	15.6	1.2	61.5	64.2	58.7	.2		80.7	10733

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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

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

1 6130 BITBURG AB DL 52-81
STATION STATION NAME 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	24.1	21.5	5.8	15.0	11.7	14.7	6.0	1.3							54.5	899	2.15	5.33	.66
FEB	30.2	20.9	5.1	12.7	9.2	12.3	7.3	2.1	.2						49.0	819	2.04	5.38	.06
MAR	35.4	19.4	6.2	11.8	8.8	10.2	6.3	1.8	.1						45.3	899	2.00	4.20	.09
APR	41.2	18.5	5.2	11.5	7.7	10.3	5.3	1.1	.1						41.3	870	1.66	3.10	.31
MAY	38.1	18.8	4.2	10.1	7.8	10.2	8.3	2.0	.6						43.1	903	2.32	5.72	TRACE
JUN	42.3	15.4	4.4	8.9	7.0	10.4	6.0	4.1	.9						41.6	900	2.62	4.77	.07
JUL	43.8	17.5	2.3	8.3	6.4	10.4	6.7	3.7	.9	.1					38.8	921	2.77	5.73	1.01
AUG	44.2	14.0	4.7	9.1	6.6	10.6	6.2	3.6	1.0						41.6	914	2.49	6.56	.22
SEP	43.2	13.6	4.7	8.6	6.3	10.5	5.1	2.3	.7						38.2	859	2.03	4.26	.05
OCT	44.6	16.5	5.1	10.4	6.5	8.9	5.8	1.9	.3						38.9	891	1.87	4.34	.05
NOV	30.2	17.8	5.4	13.8	9.3	13.0	7.0	2.8	.6						52.0	867	2.64	6.50	.53
DEC	24.1	23.1	5.1	15.1	9.4	12.6	8.0	1.9	.8						52.7	916	2.61	7.39	.27
ANNUAL	37.1	18.1	4.8	11.3	8.1	11.2	6.5	2.4	.5	.0					44.8	10658	27.20		

USAFETAC FORM OCT 75 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 c100 BITBURG AB DL 52-81
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
52				.24	.34	.72	.44	1.17	.54	.35	.73	.93	
53	.25	.32	.08	.50	.36	1.02	3.29	.76	.67	.43	.20	.85	3.29
54	.20	.26	.39	.57	.41	.49	.84	.63	.67	.44	.35	.58	.84
55	.58	.66	.56	.10	.49	.93	1.36	.44	.19	.27	.22	.80	1.36
56	.36	.36	.94	.51	.77	.49	.92	.37	.70	.40	.47	.44	.94
57	.25	1.07	1.02	.39	.32	1.55	1.10	.24	.33	.44	.24	.28	1.55
58	.50	.58	.27	.88	1.13	.32	.75	1.36			*	.30	
59	.63	.03	.35	.58	.49	.45	.64	.75	.04	.32	.59	.78	.78
60	.38	.57	.40	.10	.43	1.02	.97	.38	1.27	.38	.48	.87	1.27
61	.41	.26	.17	.27	.35	1.96	.79	.56	.67	1.36	.55	.69	1.96
62	.74	.76	.94	.52	.28	.05	.38	.51	.49	.29	.44	.49	.94
63	.45	.21	.74	.18	.71	.52	.88	.76	.40	.56	2.10	.16	2.10
64	.36	.28	.60	.45	.31	.43	1.15	.44	.88	1.05	1.37	1.07	1.37
65	.96	.19	.63	.42	1.12	.78	1.59	.60*	.77	.42	.85	1.02	1.59
66	.50	.62	.33		*TRACE	1.36	.80	.52	.25	1.34	.92	1.04	
67	.14	.54	.42	.30	.87	.86	.69	.63	1.55	.92	.78	1.23	1.55
68	.47	.43	.43	.22	.48	.73*	1.71*	1.81*	.98*	.34*	.14	.38	* 1.81
69	.20	.61	.56	.80	.39	.65*	.46*	1.03*	.19	.03	.53	.44	* 1.03
70	.52	.63	.86	.42	1.01	.72	.64	.52	.98	.70	.54	.35	1.01
71	.65	.29	.30	.58	1.17	1.28	.66	.54	.35	.55	.98	.19	1.28
72	.24	.59	.47	.33	.71	.54	1.09	1.08	1.18	.11	1.48	.27	1.48
73	.35	.43	.29	.41	.40	.23	.39	.83	.74	.80	.58	.37	.83
74	.14	.29	.27	.34	.69	.79	.46	.36	.41	.66	.28	.30	.79
75	.25	.27	.76	.44	.40	.63	.43	1.11	1.37	.09	.93	.46	1.37
76	.39	.25	.36	.14	.30	.52	.66	.12	.44	.58	1.75	.28	1.75
77	.60	1.18	.41	.49	.48	.74	.86	1.75	.20	.51	.39	.38	1.75
78	.32	.36	.83	.24	.68	1.00	.43	.32	.48	.18	.26	1.18	1.18
79	.47	.31	.80	.78	.90	.74	1.10	.93	1.56	.44	.66	1.51	1.56
80	.70	.53	.42	.57	1.63	.51	.88	1.09	.33	.87	.68	.35	1.63
81	.36	.49	.51	1.57	.30	1.19	1.53	1.00	1.10	.58	.86	.63	1.57
MEAN	.427	.461	.521	.460	.618	.774	.919	.706	.684	.538	.722	.632	1.423
S.D.	.194	.253	.248	.292	.338	.402	.567	.371	.431	.335	.467	.357	.545
TOTAL OBS	899	819	899	870	903	900	921	914	859	891	867	916	10658

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

10130 BITBURG AB DL 52-81
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
52				.69	1.31	2.55	1.31	3.66	3.17	1.85	2.38	3.09	
53	.66	1.11	.09	2.17	1.00	3.80	5.31	1.50	1.43	.90	.55	1.77	20.29
54	1.44	.97	1.60	.93	1.26	1.75	2.99	3.21	3.31	2.07	1.71	2.56	23.80
55	2.32	3.05	1.30	.31	2.38	3.83	2.90	1.05	.66	.71	.69	2.89	22.09
56	3.06	1.09	2.15	2.23	2.61	2.79	2.58	2.74	1.95	2.10	1.36	2.07	26.73
57	1.08	5.15	3.22	.53	1.12	2.94	3.41	1.26	2.27	.80	.73	.81	23.32
58	2.90	3.82	.59	1.70	5.72	1.54	1.43	4.34			*	1.45	
59	2.89	.06	1.37	2.54	1.57	1.68	1.41	2.51	.05	1.36	1.92	3.51	20.87
60	2.37	1.92	1.44	.54	1.38	2.41	2.90	3.08	2.38	2.16	2.24	2.58	25.40
61	2.92	1.58	.42	2.03	1.50	4.77	3.04	1.97	2.20	3.69	3.22	3.74	31.08
62	3.20	2.84	2.78	2.26	1.94	.07	1.77	1.39	2.42	.63	1.72	2.47	23.49
63	1.19	.95	2.62	1.04	2.09	2.52	1.28	3.33	1.42	1.92	6.50	.27	25.13
64	1.23	1.10	1.56	1.81	1.32	1.94	1.90	2.07	2.43	3.18	4.19	3.24	25.97
65	5.33	.98	2.53	3.10	4.36	3.74	4.73	2.37*	3.68	.82	5.21	7.39	*44.24
66	2.47	3.35	2.05		*TRACE	4.58	5.26	2.37	.86	4.25	3.68	5.23	
67	.92	2.16	2.38	1.19	2.76	2.15	2.66	2.80	3.94	4.34	2.86	3.21	31.37
68	2.97	2.54	1.53	1.05	2.31	2.60*	4.40*	4.14*	3.95*	1.79*	.53	2.17	*29.98
69	1.41	2.39	2.12	2.81	1.92	2.58*	1.01*	3.63*	.33	.05	3.60	1.26	*23.11
70	2.61	5.38	3.57	2.23	3.29	2.25	2.91	2.42	2.41	1.98	2.41	2.06	33.52
71	2.98	1.39	1.18	1.75	3.34	3.67	1.43	1.86	.98	1.25	3.33	.65	23.81
72	1.35	1.15	1.79	2.28	3.47	1.66	4.08	3.28	1.74	.53	3.33	.57	25.23
73	1.52	2.59	.39	1.84	2.94	.94	1.77	1.50	1.63	1.81	2.07	1.58	20.58
74	1.11	.91	1.57	.78	1.47	2.47	1.50	1.00	1.65	2.74	2.49	1.60	19.29
75	1.38	.39	2.95	2.14	1.16	1.96	1.68	2.90	4.26	.30	3.64	.62	23.38
76	2.02	.80	1.09	.44	1.11	.56	2.08	.22	1.69	2.59	3.83	1.71	18.14
77	3.28	5.08	1.79	2.05	1.80	3.38	3.20	6.56	.82	1.68	2.49	2.04	34.17
78	1.58	1.50	3.52	.85	3.38	2.39	2.22	1.12	1.70	.40	.62	4.55	23.83
79	1.69	1.44	4.20	2.88	4.01	2.47	2.10	3.02	2.58	1.95	3.25	5.84	35.43
80	1.92	2.36	2.60	1.44	3.38	3.81	5.73	3.75	1.69	2.66	1.89	1.94	33.17
81	2.55	1.13	3.62	2.55	1.34	4.68	4.01	2.44	3.21	3.60	2.07	4.19	35.39
MEAN	2.150	2.041	2.001	1.661	2.319	2.616	2.771	2.490	2.033	1.869	2.642	2.607	26.062
S.D.	.999	1.413	1.047	.812	1.170	1.156	1.304	1.257	1.002	1.192	1.379	1.661	5.331
TOTAL OBS	899	819	899	870	903	900	921	914	859	891	867	916	10658

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

1 (1) BITBURG AB DL 52-81
STATION STATION NAME 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	53.6	22.4	17.3	9.5	2.9	.9	.1	.3						24.0	899	6.5	19.4	TRACE
FEB	58.4	19.8	9.2	8.4	2.6	.7	.7	.1	.1					21.9	819	5.9	20.7	TRACE
MAR	75.0	14.0	5.2	3.4	1.2	.3	.4	.3						11.0	899	3.4	17.3	.0
APR	84.5	10.1	3.7	.7	.5	.2	.1	.1		.1				5.4	870	1.7	19.1	.0
MAY	98.1	1.2	.3	.3										.7	904	.1	1.9	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														922	.0	.0	.0
AUG	100.0														916	.0	.0	.0
SEP	100.0														890	.0	.0	.0
OCT	97.6	2.1	.3											.3	922	TRACE	.4	.0
NOV	77.8	14.3	3.8	2.7	.8	.1	.4	.1						7.9	898	2.2	11.3	.0
DEC	63.0	19.3	8.0	6.7	1.4	.8	.4	.3	.1					17.7	916	5.2	17.9	.0
ANNUAL	84.7	8.6	3.4	2.6	.8	.2	.2	.1	.0	.0				7.4	10755	25.0		

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

1 6100 BITBURG AB DL 52-81
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
52				TRACE	.0	.0	.0	.0	.0	TRACE	.4	2.2	
53	1.0	3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.6
54	1.9	2.0	1.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
55	2.5	2.8	5.6	TRACE	TRACE	.0	.0	.0	.0	TRACE	TRACE	.5	5.6
56	1.1	2.1	.3	.4	.0	.0	.0	.0	.0	.0	.6	.7	2.1
57	.8	1.8	.0	TRACE	.7	.0	.0	.0	.0	.0	.4	.6	1.8
58	3.4	1.8	2.5	1.8	.0	.0	.0	.0	.0	.0	TRACE*	TRACE	3.4
59	3.0	TRACE	TRACE	.2	.0	.0	.0	.0	.0	.0	TRACE	1.7	3.0
60	2.5	2.0	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	8.0	8.0
61	2.4	1.2	.3	.0	.0	.0	.0	.0	.0	.0	5.0	TRACE	5.0
62	.5	3.7	3.8	.3	.0	.0	.0	.0	.0	TRACE	4.4	1.3	4.4
63	1.5	2.1	2.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	2.2
64	3.0	.8	.7	.1	.0	.0	.0	.0	.0	TRACE	TRACE	6.4	6.4
65	2.1	2.5	.4	.3	.0	.0	.0	.0	.0	.0	3.7	2.8	3.7
66	.3	TRACE	1.8	*	.0	.0	.0	.0	.0	.0	3.7	1.1	
67	1.4	.5	.1	.1	.1	.0	.0	.0	.0	.0	.8	3.7	3.7
68	4.1	4.3	2.0	.4	TRACE	.0*	.0*	.0*	.0*	.0*	.5	2.8	4.3
69	1.3	8.2	.6	2.5	TRACE	.0*	.0*	.0*	.0	.0	1.9	1.7	8.2
70	4.5	3.4	5.1	1.0	.0	.0	.0	.0	.0	TRACE	.2	3.8	5.1
71	1.3	1.0	2.9	.0	.0	.0	.0	.0	.0	.0	1.4	.3	2.9
72	2.4	.7	.6	TRACE	.0	.0	.0	.0	.0	TRACE	3.0	.0	3.0
73	.7	5.4	.2	1.3	.0	.0	.0	.0	.0	.3	2.4	3.7	5.4
74	TRACE	.8	2.7	.0	TRACE	.0	.0	.0	.0	TRACE	.3	.9	2.7
75	.5	.4	6.2	3.8	TRACE	.0	.0	.0	.0	.3	TRACE	.1	6.2
76	.9	2.0	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.7	2.7
77	5.7	.2	TRACE	.8	.0	.0	.0	.0	.0	.0	.3	.9	5.7
78	1.3	2.8	1.0	.3	TRACE	.0	.0	.0	.0	.0	TRACE	1.6	2.8
79	4.7	.6	.4	2.3	1.2	.0	.0	.0	.0	.0	1.8	2.9	4.7
80	1.3	.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.8	4.8	4.8
81	2.2	1.2	3.7	13.6	.0	.0	.0	.0	.0	TRACE	4.4	3.0	13.6
MEAN	2.01	2.00	1.54	1.03	.07	.00	.00	.00	.00	.02	1.22	2.04	4.48
S.D.	1.422	1.817	1.831	2.587	.254	.000	.000	.000	.000	.077	1.619	1.971	2.490
TOTAL OBS	899	819	899	870	904	900	922	916	890	922	898	916	10755

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

14110 BITBURG AB DL 52-81
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
52				TRACE	.0	.0	.0	.0	.0	TRACE	.7	8.6	
53	2.5	10.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4	13.2
54	5.3	3.7	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.3
55	5.9	14.6	9.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	TRACE	1.1	30.9
56	4.3	7.2	.4	.6	.0	.0	.0	.0	.0	.0	1.0	2.0	15.5
57	2.7	4.9	.0	TRACE	.9	.0	.0	.0	.0	.0	.4	1.2	10.1
58	7.2	6.4	4.5	2.1	.0	.0	.0	.0	.0	.0	TRACE	*TRACE	* 20.2
59	19.4	TRACE	TRACE	.2	.0	.0	.0	.0	.0	.0	TRACE	1.7	21.3
60	8.6	5.6	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	12.0	26.6
61	6.6	3.6	.5	.0	.0	.0	.0	.0	.0	.0	5.1	TRACE	15.8
62	.5	9.3	8.5	.3	.0	.0	.0	.0	.0	TRACE	11.3	6.7	36.6
63	5.9	8.6	2.4	.1	.0	.0	.0	.0	.0	.0	.0	.9	17.9
64	6.5	2.5	1.3	.1	.0	.0	.0	.0	.0	TRACE	TRACE	14.9	25.3
65	8.1	7.5	1.2	.3	.0	.0	.0	.0	.0	.0	7.3	6.0	30.4
66	2.0	TRACE	7.0	*	.0	.0	.0	.0	.0	.0	9.8	2.6	
67	4.5	.9	.1	.2	.1	.0	.0	.0	.0	.0	.8	10.3	16.9
68	17.2	7.1	2.5	.5	TRACE	.0*	.0*	.0*	.0*	.0*	1.1	11.7	* 40.1
69	1.4	20.7	1.1	4.8	TRACE	.0*	.0*	.0*	.0	.0	4.5	7.0	* 39.5
70	10.6	15.7	17.3	2.6	.0	.0	.0	.0	.0	TRACE	.2	7.8	54.2
71	2.1	2.0	7.7	.0	.0	.0	.0	.0	.0	.0	4.2	.3	16.3
72	9.9	.8	.6	TRACE	.0	.0	.0	.0	.0	TRACE	5.1	.0	16.4
73	2.8	19.4	.5	2.6	.0	.0	.0	.0	.0	.3	5.2	7.7	38.5
74	TRACE	2.0	6.0	.0	TRACE	.0	.0	.0	.0	TRACE	.3	1.6	9.9
75	.5	.5	16.8	9.5	TRACE	.0	.0	.0	.0	.4	TRACE	.1	27.8
76	2.3	3.5	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.6	13.6
77	13.0	.2	TRACE	1.3	.0	.0	.0	.0	.0	.0	.3	.9	15.7
78	4.2	7.4	2.9	.3	TRACE	.0	.0	.0	.0	.0	TRACE	1.9	16.7
79	14.2	1.1	.6	3.6	1.9	.0	.0	.0	.0	.0	1.8	7.6	30.8
80	5.2	.3	TRACE	.4	.0	.0	.0	.0	.0	.0	1.5	9.5	16.9
81	13.7	4.7	3.7	19.1	.0	.0	.0	.0	.0	TRACE	4.7	17.9	63.8
MEAN	6.45	5.88	3.36	1.69	.10	.00	.00	.00	.00	.02	2.21	5.17	23.70
S.D.	5.105	5.721	4.716	3.915	.384	.000	.000	.000	.000	.091	3.173	5.027	13.420
TOTAL OBS	899	819	899	870	904	900	922	916	890	922	898	916	10755

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

10?100 STATION — BITBURG AB OL STATION NAME — 52-81 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	4.5-5.4	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	58.9	15.8	7.3	4.4	4.4	7.2	1.4	.6						25.3	862			
FEB	64.5	13.1	8.1	5.1	5.1	2.1	2.0							22.4	817			
MAR	87.3	6.9	1.7	1.8	.8	1.5	.1							5.8	895			
APR	98.3	1.1	.2			.2	.1							.6	876			
MAY	99.9	.1													904			
JUN	100.0														900			
JUL	100.0														924			
AUG	100.0														916			
SEP	100.0														890			
OCT	100.0														922			
NOV	93.7	3.9	1.2	1.1	.4	.2								3.0	891			
DEC	70.7	15.7	5.8	3.7	2.3	2.0								13.7	869			
ANNUAL	89.4	4.7	2.0	1.3	1.1	1.1	.3	.3						5.9	10666			

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

10100 BITBURG AB DL 52-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
52				TRACE	0	0	0	0	0	0	TRACE	2	
53	1	7	0	0	0	0	0	0	0	0	0	TRACE	7
54	3	1	1	0	0	0	0	0	0	0	0	TRACE	3
55	12	10	4	0	0	0	0	0	0	0	TRACE	TRACE	12
56	2	3	TRACE	TRACE	0	0	0	0	0	0	TRACE	1	3
57	1	2	0	0	0	0	0	0	0	0	2	TRACE	2
58	6	2	3	1	0	0	0	0	0	0	0	3	6
59	8	0	0	0	0	0	0	0	0	0	0	0	8
60	5	3	0	0	0	0	0	0	0	0	0	6	6
61	4	1	TRACE	0	0	0	0	0	0	0	1	TRACE	4
62	TRACE	4	5	0	0	0	0	0	0	0	4	1	5
63	4	3	1	0	0	0	0	0	0	0	0	1	4
64	0	0	0	0	0	0	0	0	0	0	0		
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0*	0*	0	0	0	0	0	0	0*	0	* 0
67	* 0	0	0	0	0	0	0	0	0	0	0	0	0
68	7	2	0	0	0	0*	0*	0*	0*	0*	TRACE	4	7
69	4	11	0	TRACE	0	0*	0*	0*	0	0	3	3	11
70	6	4	9	0	0	0	0	0	0	0	TRACE	6	9
71	5	1*	3	0	0	0	0	0	0	0*	1	0	5
72	* 4*	0	0	0	0	0	0	0	0	0	3	0	* 4
73	TRACE	6	TRACE	TRACE	0	0	0	0	0	0	2	6	6
74	TRACE	TRACE	2	0	0	0	0	0	0	0	0	1	2
75	1	0	5	4	0	0	0	0	0	0	0	TRACE	5
76	2	3	TRACE	0	0	0	0	0	0	0	0	2	3
77	6	TRACE	0	TRACE	0	0	0	0	0	0	TRACE	TRACE	6
78	1	5	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	5
79	13	3	0	TRACE	TRACE	0	0	0	0	0	TRACE	3	13
80	3	TRACE	0	0	0	0	0	0	0	0	2	5	5
81	6	1	3	8	0	0	0	0	0	0	2	4	8
MEAN	3.7	2.6	1.2	.4	TRACE	.0	.0	.0	.0	.0	.7	1.7	5.5
S.D.	3.584	2.974	2.212	1.639	.000	.000	.000	.000	.000	.000	1.186	2.123	3.128
TOTAL OBS	862	817	895	876	904	900	924	916	890	922	891	869	10666

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

1-110 STATION — BITBURG AB GE STATION NAME — 52-81 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52					NE *17								
53													
54													
55													
56													
57													
58													
59								ESE 25	E 28	SSW 41	S 30	W 46	
60	W 38	SW 31	WNW 34	WNW 40	WSW 29	NW 29	WSW 31	NW 32	WSW 27	W 34	WSW 43	SW 53	SW 53
61	SW 42	WNW 41	WSW 30	N 26	W 31	WSW 25	W 33	WNW 34	W 33	SSW 36	WSW 36	WNW 41	SW 42
62	W 56	W 45	SW 36	ENE 35	W 35	NNW 28	WNW 32	SW 37	WNW 45	NE 25	NW 25	WNW 51	W 56
63	E 31	NE 22	SSW 38	WSW 30	WSW 28	NNE 34	SW 32	WSW 38	WNW 33	SW 27	SW 42	E 25	SW 42
64	E 23	N 29	NE 27	WSW 35	WSW 28	SW 31	W 30	SSW 38	SW 33	SW 48	WSW 41	SSW 34	SW 48
65	WSW 45	NNW 35	SSW 40	W 32	WNW 40	SW 50	WSW 36	W 34	SSW 42	WSW 32	W 49	W 56	W 56
66	W 46	W 38	W 58	NE *19	W 38	SSE 54	SW 26	SW *20	WSW *28	WNW 44	WSW *43		
67	W 29	W 60	W 41	WSW 42	W 45	NW 48	W 29	W 43	S 30	WSW *44	SSW 37	W 37	W 60
68	W 38	S 34	W 44	N 39	W 33	W 31	27*	38	11*	38	29*	32	24* 30 9/ 32	26/ 39	W 44
69	29/ 28	24/ 36	8* 28	27/ 39	26/ 35	1/ 27	22*	38	31*	28	6/ 20	24/ 20	25/ 42	8/ 26	25/ 42
70	11/ 26	29/ 52	26/ 38	33/ 50	17/ 38	8/ 31	26/ 50	26/ 34	11*	33	27/ 37	27/ 39	32/ 36		29/ 52
71	26/ 41	19/ 40	3/ 34	24/ 33	20* 45	30* 38	23/ 44	25/ 46	21/ 29	24/ 35	20/ 42	29/ 37			25/ 46
72	7/ 34	28/ 36	25/ 51	24/ 44	25/ 47	27/ 30	12/ 43	24/ 40	29/ 30	7/ 24	29/ 50	23/ 29			25/ 51
73	20/ 23	29/ 42	6/ 27	28/ 45	10/ 31	23/ 30	23/ 32	25/ 32	24/ 35	28/ 36	28/ 34	33/ 38			28/ 45
74	24/ 55	21/ 52	24/ 56	2/ 30	30/ 35	24/ 37	28/ 40	28/ 33	25/ 37	28/ 40	28/ 47	25/ 56			24/ 56
75	29/ 39	8/ 28	25/ 28	24/ 35	7/ 32	24/ 36	29/ 34	23/ 30	22/ 36	27/ 31	25/ 55	21/ 40			25/ 55
76	26/ 59	21/ 38	26/ 28	4/ 34	27/ 30	28/ 28	26/ 29	10/ 26	30/ 28	18/ 24	20/ 48	24/ 39			26/ 59
77	23/ 33	24/ 33	23/ 34	29/ 42	28/ 31	23/ 38	24/ 30	21/ 28	24/ 24	28/ 36	26/ 52	28/ 40			26/ 52
78	29/ 44	9/ 38	23/ 44	25/ 31	32/ 27	29/ 39	24/ 31	19/ 27	29/ 38	30/ 22	27/ 23	24/ 53			24/ 53
79	20/ 35	21/ 28	22/ 39	23/ 32	25/ 46	24/ 25	27/ 39	22/ 28	24* 25	21/ 25	22/ 45	24/ 46			25/ 46
80	24/ 44	29/ 44	22/ 38	26/ 42	9/ 28	27/ 35	26/ 36	23/ 28	26/ 29	28/ 37	24/ 34	26/ 39			24/ 44
81	29/ 47	28/ 34	24/ 39	6/ 27	27/ 27	29/ 48	29/ 25	33/ 26	23/ 31	30/ 43	32/ 33	25/ 46			29/ 48
MEAN	38.9	38.0	38.3	36.3	33.8	34.2	35.5	32.6	32.0	32.7	40.1	41.2			50.7
S.D	10.232	8.864	8.764	6.351	6.354	7.366	7.452	5.987	6.009	7.680	8.395	8.907			5.525
TOTAL OBS	681	622	671	629	652	657	675	696	653	687	684	706			8012

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

USAF ETAC FORM JUL 64 0-88-5 (OL A)

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

110	BITBURG AB DL	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2	.4	.2								1.4	6.0
NNE	.2	.1	.8	.5								1.7	8.4
NE	1.0	1.6	.8	.6								4.0	6.2
ENE	1.3	2.9	2.8	.4								7.3	6.2
E	1.3	4.3	1.3	1.3	.4							8.6	6.8
ESE	.5	.6										1.1	4.0
SE	.5	.4										.8	3.4
SSE	.8	.7	.2	1.1								2.9	8.0
S	.7	2.3	2.4	.6	.1							6.1	7.0
SSW	.4	1.2	3.4	3.5	.7							9.1	10.5
SW	.7	2.5	4.2	3.5	1.0	.5						12.3	10.0
WSW	.6	2.5	5.4	3.2	1.9	.7	.1	.1				14.6	11.2
W	.8	2.3	4.2	3.8	1.3	.1						12.6	10.1
WNW	1.1	1.3	1.3	.6	.4	.1						4.8	7.8
NW	.1	.2	.8	.1	.5							1.8	11.0
NNW	.4	.1										.5	2.5
VARBL			.1	.1								.2	11.5
CALM												10.2	
	11.0	23.2	28.1	19.5	6.2	1.4	.1	.1				100.0	7.9

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

2

SURFACE WINDS

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

1 0130 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.2	.1								1.2	5.9
NNE	.5	.2	.2	.4	.1							1.4	7.3
NE	.7	.6	.8	.1	.1							2.4	6.7
ENE	1.2	2.9	2.4	1.4	.1							8.0	7.2
E	2.0	4.1	2.4	.8	.2	.1						9.7	6.6
ESE	.5	.4										.8	3.6
SE	.2	.7		.1								1.1	4.7
SSE	.2	1.1	1.0	.4	.1							2.7	7.7
S	1.1	1.9	2.4	1.9	.1							7.4	8.0
SSW	.7	1.6	2.4	3.0	.7							8.4	10.0
SW	.2	2.9	5.3	4.3	.4							13.0	9.6
WSW	.6	3.2	4.5	2.7	2.2	.5	.1					13.9	10.7
W	1.2	2.3	4.3	3.1	1.1	.2	.1					12.3	9.9
WNW	.5	.5	1.0	1.3	.1							3.3	8.9
NW	.4	.6	.2	1.0								2.2	8.2
NNW	.6	.5	.1	.4								1.6	6.4
VARBL						.1	.2					.4	26.7
CALM												10.3	
	10.9	23.9	27.2	21.0	5.3	1.0	.5					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 /100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (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	.7	.1									1.6	3.6
NNE	.6	1.1	.2	.5								2.4	6.0
NE	.5	1.3	.7	.2								2.7	5.8
ENE	1.4	2.2	2.7	1.0								7.3	6.9
E	1.9	2.7	2.9	.5	.6							8.6	6.8
ESE	.4	.5	.1									1.0	4.5
SE	.1	1.0	.5	.4								1.9	6.8
SSE	.7	.7										1.4	3.4
S	.8	1.7	1.9	2.6	.5							7.5	9.5
SSW	.5	2.0	3.0	3.7	1.0							10.2	10.2
SW	1.0	2.6	3.9	3.2	.6							11.4	8.9
WSW	.6	2.0	4.3	4.7	1.4	.4						13.4	11.0
W	1.3	2.0	4.5	3.7	.7	.5	.1					12.9	10.0
WNW	.8	.7	.8	.5	.4							3.2	8.0
NW	.2	.6	.6	1.0	.1							2.5	9.0
NNW	.4	.4	.2	.4								1.3	6.5
VARBL			.1	.1		.1						.4	15.3
CALM												10.4	
	11.9	22.2	26.8	22.3	5.3	1.0	.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

2

SURFACE WINDS

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

1 100 (STATION) BITBURG AB OL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.1									1.6	4.1
NNE	.7	.5		.2								1.4	4.9
NE	.7	.7	.5	.6								2.5	6.7
ENE	1.7	1.7	3.2	.7								7.3	6.9
E	3.1	3.1	2.3	1.2	.7							10.4	6.7
ESE	.5	.2	.2									1.0	4.6
SE	.5	.7		.1	.1							1.4	6.3
SSE	.4	.7	.4	.1	.2							1.8	7.3
S	1.0	2.4	1.6	2.4	.2	.2						7.8	8.9
SSW	.5	1.9	1.4	4.3	.5							8.6	10.6
SW	1.1	2.5	4.1	4.2	.4	.1						12.3	9.5
WSW	.5	1.7	5.4	3.5	.7	.7						12.4	10.7
W	.8	2.5	4.5	3.7	.6	.2	.1					12.5	9.9
WNW	.4	.4	1.6	1.0		.1						3.3	9.1
NW	.4	.7	1.6									2.6	6.6
NNW	.7	.4	.2	.2								1.6	5.4
VARBL			.4	.2	.4	.1						1.1	14.6
CALM												10.4	
	13.4	20.9	27.4	22.5	3.8	1.6	.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

2

SURFACE WINDS

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

1 [illegible]00 (STATION) BITBURG AB OL (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	1.0	1.2	.2									2.4	4.1
NNE	.6	.6	.2									1.4	4.2
NE	.1	.6	.5	.2	.1							1.6	8.2
ENE	1.3	1.9	2.9	1.0	.1							7.2	7.2
E	2.4	2.7	2.9	1.9	.5							10.4	7.5
ESE	.7	.7	.2	.1								1.8	4.8
SE	.6	.6	.2									1.4	4.3
SSE	.1	1.1	.5	.1	.1							1.9	6.8
S	1.1	1.6	2.3	1.8	.6							7.3	9.0
SSW	.4	1.4	1.3	3.5	1.0	.4						7.9	11.7
SW	.7	2.4	3.3	4.7	1.3	.4						12.8	10.9
WSW	1.2	.8	3.8	5.3	1.0	.2	.2					12.5	11.2
W	1.0	1.9	4.5	5.6	.4							13.4	10.1
WNW	.8	.5	.8	.8	.2	.5						3.7	10.4
NW	.5	.4	.7	.4								1.9	6.9
NNW	.2	.8	1.7	.8								3.6	8.7
VARBL			.1	.2	.8	.2						1.4	17.5
CALM												7.4	
	12.7	19.2	26.3	26.4	6.1	1.7	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	1.1	.4								2.0	7.6
NNE		.5	.4	.2								1.1	7.7
NE	.1	.2	1.0	.8								2.2	9.7
ENE	1.3	1.6	3.2	.8								6.9	7.2
E	2.4	2.8	2.3	2.0	.1							9.6	7.0
ESE	.8	.5	.1	.1								1.6	4.5
SE	.5	.8	.5									1.8	4.9
SSE	.8	.5	.6									1.9	4.8
S	1.6	1.4	2.9	2.0	.5	.2						8.6	8.9
SSW	.6	2.3	2.0	4.4	1.3							10.6	10.7
SW	.6	2.2	2.2	4.1	1.3	.2						10.5	11.1
WSW	.1	1.2	5.7	4.2	1.6	.2						13.0	11.4
W	.7	1.0	4.9	4.1	1.1		.1					11.8	10.9
WNW	.2	.5	1.3	.4	.2	.4						3.0	11.0
NW		1.7	1.1	.4		.1	.1					3.3	8.5
NNW	.1	.1	1.7	.6								2.5	9.5
VARBL			.2	.6	.2	.2						1.3	16.0
CALM												8.1	
	10.3	17.3	31.1	25.1	6.3	1.4	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

1 4100 (STATION) BITBURG 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	.5	.4	.2	.5								1.6	6.6
NNE	.4	.4	.2	.5								1.4	7.4
NE	.2	.4	1.2	.8	.1							2.7	9.1
ENE	1.0	2.5	2.4	.5								6.3	6.3
E	1.9	3.9	1.8	2.0	.4							10.0	7.3
ESE	1.1	.6	.5									2.2	3.8
SE	.4	.4	.4		.1							1.2	6.2
SSE	.6	.8	.6	.7	.1							2.9	7.8
S	1.2	1.7	2.2	1.8	.1	.1						7.0	8.5
SSW	.5	2.9	3.2	3.5	1.1	.5						11.6	10.2
SW	1.0	2.2	4.1	3.5	1.3	.4						12.3	10.5
WSW	.5	1.9	4.5	3.0	1.3							11.2	10.1
W	.5	2.6	3.9	3.8	1.0	.4						12.2	10.5
WNW	.5	.8	1.2	.7	.2	.4						3.8	9.7
NW		.6	1.7									2.3	7.5
NNW	.5	.7	.2									1.4	4.3
VARBL				.4	.1	.1						.6	16.0
CALM												9.2	
	10.5	22.7	28.3	21.6	5.9	1.8						100.0	8.2

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

2

SURFACE WINDS

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

1 S100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2	.4									1.1	4.4
NNE	.6	.2	.4	.4								1.6	6.6
NE	.5	1.2	.8	.8								3.4	7.4
ENE	1.4	2.5	2.6	.6								7.2	6.3
E	1.8	3.7	1.8	1.6	.7							9.6	7.3
ESE	.5	.5	.1									1.1	4.2
SE	.6	.7	.2	.1								1.7	5.1
SSE	1.1	1.3	.4	.5	.2	.1						3.6	7.1
S	.8	1.3	2.5	1.7	.2							6.6	9.0
SSW	.7	2.5	3.5	2.8	1.2							10.7	9.7
SW	.7	1.1	3.7	3.5	.8	1.2						11.0	11.7
WSW	1.0	3.0	4.7	4.4	.8	.4	.2					14.5	10.2
W	.8	2.8	4.8	4.0	1.3	.1						13.8	9.8
WNW	.2	.8	1.1	.5	.4	.2						3.2	10.1
NW	.1	.2	.2									.6	5.8
NNW	.5											.5	2.8
VARBL					.1	.1						.2	22.0
CALM												9.8	
	11.9	22.2	27.2	20.7	5.9	2.2	.2					100.0	8.1

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

2

SURFACE WINDS

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

1 /100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.3	.1								1.6	5.3
NNE	.4	.4	.3	.3	.0							1.6	6.5
NE	.5	.8	.8	.5	.0							2.7	7.3
ENE	1.3	2.3	2.8	.8	.0							7.2	6.8
E	2.1	3.4	2.2	1.4	.4	.0						9.6	7.0
ESE	.6	.5	.2	.0								1.3	4.3
SE	.4	.7	.2	.1	.0							1.4	5.3
SSE	.6	.9	.4	.4	.1	.0						2.4	6.9
S	1.0	1.8	2.3	1.9	.3	.1						7.3	8.7
SSW	.5	2.0	2.5	3.6	.9	.1						9.6	10.4
SW	.7	2.3	3.8	3.9	.9	.3						12.0	10.2
WSW	.6	2.0	4.8	3.9	1.4	.4	.1	.0				13.2	10.8
W	.9	2.2	4.5	4.0	.9	.2	.1					12.7	10.1
WNW	.6	.7	1.1	.7	.2	.2						3.6	9.3
NW	.2	.6	.9	.3	.1	.0	.0					2.2	8.1
NNW	.4	.4	.5	.3								1.6	7.0
VARBL			.1	.2	.2	.1	.0					.7	16.8
CALM												9.5	
	11.6	21.5	27.8	22.4	5.6	1.5	.2	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 6691

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

10100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	.4									2.9	4.5
NNE	.5	1.2	1.0	.3								3.0	6.5
NE	.4	2.1	2.6	.7								5.8	7.4
ENE	2.5	5.1	2.8	1.8	.1							12.3	6.4
E	3.3	6.7	4.7	1.7	.1							16.5	6.4
ESE	1.2	1.3										2.5	3.7
SE	.1	.3										.4	3.3
SSE	.4	1.0	.4									1.8	4.6
S	.4	.7	1.7	.8								3.5	7.9
SSW	.3	.9	1.0	3.0	.3	.4						5.9	11.3
SW	.7	1.6	3.4	2.8	.3	.4						9.1	10.0
WSW	.7	2.6	4.7	2.8	.8	.1						11.7	9.6
W	.5	2.2	2.1	.9	.1							5.9	7.5
WNW	.8	.4	.7	.3								2.1	5.9
NW	.5	.7		.4								1.6	6.2
NNW	.1	.3	.1									.5	5.5
VARBL			.1	.1								.3	11.5
CALM												14.2	
	13.3	28.6	25.9	15.5	1.7	.9						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10100 (STATION) BITBURG AB GL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.8	.4	.3								2.9	4.7
NNE	.8	.8	.9	.3								2.8	6.4
NE	.9	1.6	3.1	.4								6.0	7.0
ENE	2.5	4.6	3.7	1.7								12.5	6.5
E	2.4	6.0	3.9	2.4	.4							15.1	7.0
ESE	.5	.9	.1									1.6	4.1
SE	.7	.3										.9	2.9
SSE	.4	.9	.4									1.7	4.7
S	.9	.3	.4	.1	.1							1.8	5.9
SSW	.3	1.6	1.4	2.9	.4	.1						6.7	10.2
SW	.1	1.7	2.9	3.3	.3	.3						8.5	10.2
WSW	.7	2.5	4.3	3.5	1.3							12.3	9.9
W	.5	2.4	1.0	1.6	.1	.1						5.8	8.5
WNW	.5	.1	.3	.4								1.3	7.3
NW	.5	.3	.3									1.0	5.1
NNW	.3	.4	.3	.1	.3							1.3	8.7
VARBL				.1								.1	15.0
CALM												17.6	
	13.4	25.1	23.5	17.1	2.9	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

106100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	.4									2.8	4.0
NNE	.5	1.2	.8	.7								3.1	7.2
NE	.5	1.0	2.9	.4								4.9	7.4
ENE	1.6	4.9	4.7	2.0	.3							13.4	7.4
E	2.2	6.0	4.9	2.0	.3							15.4	7.0
ESE	1.2	1.3										2.5	3.5
SE	.7	.5	.8									2.0	5.3
SSE	.9	.3	.3									1.4	3.5
S	.7	.7	1.2	.5								3.0	6.9
SSW	.3	1.3	1.6	1.0	.1							4.3	8.3
SW	.3	1.4	4.1	3.4	.7							9.8	10.2
WSW	.5	2.0	3.7	3.0	.5							9.7	9.6
W	.4	2.5	1.6	2.1	.1							6.7	8.8
WNW	.7	.5	.1	1.0								2.4	7.8
NW	.1	.7	.4	.3	.1							1.6	8.2
NNW	.3	.5	.4									1.2	5.4
VARBL			.4	.1								.5	10.3
CALM												15.4	
	12.2	25.7	28.1	16.5	2.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

106100	BITBURG AB DL	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.5	.9									2.9	4.2
NNE	.9	.8	1.6	.3								3.5	6.9
NE	.3	1.0	2.1	1.2								4.6	8.4
ENE	1.2	2.6	5.4	2.5	.4							12.1	8.2
E	2.8	6.2	4.9	2.8	.4							16.9	7.2
ESE	1.6	.8										2.4	2.9
SE	.4	.8	.1									1.3	4.1
SSE	1.0	.9	.7									2.6	4.9
S	.5	1.0	2.1	1.2	.1							5.0	8.4
SSW	.4	1.0	2.9	1.8	.3	.1						6.6	9.3
SW	.8	1.2	3.1	3.0	.8	.1						9.1	10.2
WSW	.8	1.4	2.9	3.4	.9							9.4	10.2
W	.4	.7	2.1	1.6	.3							5.0	9.7
WNW	.5	.4	.4	.5								1.8	7.2
NW	.4	1.3	.5	.9								3.1	7.5
NNW	.5	.4	.3	.1								1.3	5.4
VARBL			.1	.1	.1							.4	13.7
CALM												11.9	
	13.9	21.1	30.1	19.4	3.3	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10100 (STATION) BITBURG 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	.3	1.0	.7	.3								2.2	6.6
NNE	.5	.4	.9	.7								2.5	7.5
NE	.4		1.3	1.7								3.4	9.9
ENE	.8	2.4	3.4	3.0								9.6	8.3
E	2.1	5.0	5.4	4.7	.7							17.8	8.3
ESE	1.4	1.0	.7									3.1	4.6
SE	.9	.8										1.7	3.7
SSE	.4	1.0	.4	.1								2.0	5.3
S	.9	1.3	1.8	1.2								5.2	7.4
SSW	.3	1.7	2.4	1.4	.1	.4						6.3	9.4
SW	1.0	1.3	3.3	3.7	1.6							10.9	10.4
WSW	1.0	1.6	2.5	4.6	1.4							11.2	10.7
W	1.0	1.8	1.7	2.4	.3	.3						7.5	9.1
WNW	.9	.5	.7									2.1	4.9
NW	.1	.4	1.0	.4								2.0	8.5
NNW	.4	.7	.7	.4								2.1	7.3
VARBL			.7	.5	.1							1.3	10.9
CALM												9.1	
	12.6	21.0	27.4	25.1	4.2	.7						100.0	7.8

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

2

SURFACE WINDS

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

10?100 (STATION) BITBURG 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	.1	.9	1.3	.3								2.6	7.3
NNE	.4	.5	1.0	.9								2.9	8.6
NE	.3	.7	1.6	2.2								4.7	9.6
ENE	1.0	2.1	3.0	1.8								8.0	7.9
E	2.4	3.5	4.9	3.5	.7							15.0	8.1
ESE	.5	.5	.5									1.6	5.4
SE	.4	1.0	.1									1.6	4.2
SSE	.7	.7	.4	.1								1.8	5.0
S	.9	2.8	3.9	1.6								9.2	7.5
SSW	.3	2.4	1.7	1.2	.3							5.8	8.1
SW	.5	2.0	2.9	3.1	1.0	.8						10.4	11.1
WSW	.4	1.7	3.0	3.8	1.3							10.2	10.8
W	.7	1.4	3.1	2.4	.7							8.3	9.7
WNW	.5	.5	.5	.7	.1							2.4	7.8
NW	.3	.8	1.0	.3								2.4	7.3
NNW		1.2	.5	.3								2.0	7.5
VARBL			1.4	.8								2.2	10.2
CALM												9.1	
	9.3	22.7	31.1	23.0	4.1	.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00100	BITBURG AB DL	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	.7	.3								2.1	6.6
NNE	.3	2.0	1.8	.4								4.5	6.9
NE	.3	1.7	2.1	.7	.1							4.9	7.8
ENE	1.2	3.1	3.5	1.3	.1							9.3	7.1
E	1.4	7.2	4.9	2.9	.1							16.5	7.1
ESE	.9	.8	.4	.3								2.4	5.3
SE	.5	.7										1.2	3.3
SSE	.9	.8	1.2									2.9	5.4
S	.9	2.4	2.6	1.0								7.0	7.1
SSW	.8	2.9	2.0	1.8	.4							7.9	7.9
SW	.3	1.0	2.8	3.3	.7	.5						8.5	11.8
WSW	.7	1.0	3.8	2.6	.3	.1	.1					8.7	10.0
W	.4	1.8	3.7	1.3	.1	.1						7.5	8.7
WNW	.4	.7	.7	.3	.1							2.1	7.3
NW	.5	.5	.7	.1								1.8	5.9
NNW		.4	.3									.7	6.4
VARBL			.3	.1		.1						.5	13.5
CALM												11.7	
	9.7	28.0	31.2	16.4	2.0	.9	.1					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)

104100	BITBURG AB DL	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	.3									3.7	3.9
NNE	.7	1.0	.9	.1								2.8	5.6
NE	1.4	2.2	2.2	1.0								7.0	6.9
ENE	1.4	4.6	3.5	1.3								10.9	6.6
E	2.9	8.4	3.1	2.1								16.5	6.1
ESE	1.0	1.0		.1								2.2	3.9
SE	1.2	1.2	.1									2.5	3.5
SSE	.3	1.2	.9	.1								2.5	5.9
S	1.0	1.8	2.4	.5								5.8	6.4
SSW	.4	1.4	2.4	1.6	.8	.3	.3					7.1	11.0
SW	.5	1.4	2.4	3.1	.3	.3						8.0	10.4
WSW	1.2	2.1	3.8	2.5	.3							9.8	8.4
W	.4	2.6	2.9	1.2	.4							7.5	8.3
WNW	.4		.7	.4								1.4	7.6
NW	.5	.1		.5								1.2	7.8
NNW	.4	.4	.1									.9	3.9
VARBL			.1	.1								.3	10.5
CALM												10.0	
	15.2	31.6	25.9	14.8	1.7	.5	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

10100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	.6	.1								2.8	5.1
NNE	.6	1.0	1.1	.4								3.1	6.9
NE	.6	1.3	2.2	1.0	.0							5.2	7.9
ENE	1.5	3.7	3.8	1.9	.1							11.0	7.3
E	2.4	6.1	4.6	2.8	.3							16.2	7.1
ESE	1.0	1.0	.2	.0								2.3	4.2
SE	.6	.7	.1									1.4	3.9
SSE	.6	.9	.6	.0								2.1	5.0
S	.8	1.4	2.0	.9	.0							5.1	7.3
SSW	.4	1.7	1.9	1.9	.3	.2	.0					6.3	9.5
SW	.5	1.5	3.1	3.2	.7	.3						9.3	10.5
WSW	.7	1.9	3.6	3.3	.9	.0	.0					10.4	9.9
W	.5	1.9	2.3	1.7	.3	.1						6.8	8.8
WNW	.6	.4	.5	.4	.0							2.0	7.0
NW	.4	.6	.5	.4	.0							1.8	7.2
NNW	.2	.5	.3	.1	.0							1.2	6.6
VARBL			.4	.3	.0	.0						.7	11.1
CALM												12.4	
	12.5	25.5	27.9	18.5	2.7	.6	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 6096

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4100 (STATION) BITBURG AB GL (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	2.5	2.9	.7									6.1	4.4
NNE	.8	2.3	.6	.1								3.8	5.0
NE	.4	1.3	1.1	.4								3.1	6.3
ENE	1.6	3.1	3.7	.7								9.1	6.4
E	.7	3.6	3.0	1.7								9.0	7.2
ESE	.7	.1										.8	2.6
SE	.5	.4		.1								1.0	4.4
SSE	.5	1.6	.1	.2								2.4	4.8
S	.6	1.9	1.3	1.3	.2	.1						5.5	8.3
SSW	1.2	.8	3.7	2.5	.4							8.6	9.0
SW	.5	2.4	4.2	4.2	.4	.2						11.8	9.8
WSW	1.0	2.4	3.5	2.2	.5	.1						9.6	8.7
W	1.3	3.3	3.3	1.9	.1							10.0	7.7
WNW	.7	.7	1.1	.4	.2							3.1	7.6
NW	.2	.4	.5	.6								1.7	8.2
NNW	.1	.7	.5	.1								1.4	6.2
VARBL			.1	.1	.1							.4	13.7
CALM												12.7	
	13.3	27.8	27.4	16.5	1.9	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	1.4	2.4	1.2	.2								5.3	5.4
NNE	1.6	1.9	.7									4.2	4.7
NE	1.0	1.3	1.2	.1								3.6	5.6
ENE	1.9	3.8	3.0	.7								9.4	5.9
E	1.4	4.1	3.6	1.3								10.4	6.7
ESE	.2	.4	.1									.7	4.5
SE	.5	.2	.4									1.1	4.3
SSE	.2	.6	.1									1.0	4.8
S	.6	1.6	1.4	1.2	.1							4.9	8.3
SSW	.5	1.1	3.5	2.2	.6							7.8	10.2
SW	1.2	2.5	3.5	3.8	1.1							12.1	9.7
WSW	.8	1.8	2.8	2.5	.6							8.5	9.5
W	1.4	3.0	2.8	2.3	.6	.1						10.2	8.5
WNW	.7	1.0	.8	.4								2.9	6.0
NW	.7	.5		.1								1.3	3.9
NNW	.5	.8	.6	.2								2.2	5.9
VARBL			.2	.2								.5	9.5
CALM												14.1	
	14.7	26.9	25.8	15.3	3.0	.1						100.0	6.5

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

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	1.6	1.8	.4	.4								4.1	5.2
NNE	.7	1.2	1.4									3.3	6.1
NE	.8	1.9	1.6	.2								4.5	6.0
ENE	1.1	3.3	2.9	.8	.1							8.2	7.2
E	1.0	3.7	5.3	1.7								11.6	7.3
ESE	.5	.1	.1									.7	3.8
SE	.1	.1										.2	3.5
SSE	.5	1.1	.5	.1								2.2	5.3
S	1.0	1.4	1.9	1.1	.4							5.7	7.9
SSW	.8	1.7	2.9	2.0	.2							7.6	8.6
SW	.8	2.4	2.7	4.3	1.0	.2						11.5	10.2
WSW	.8	3.0	2.9	1.9	.7							9.3	8.6
W	1.2	2.3	3.1	2.6	.5	.2						9.9	9.1
WNW	.5	.6	.7	.1								1.9	6.3
NW	.2	.5	1.0									1.7	6.4
NNW	.7	.6	.5	.2								2.0	5.7
VARBL			.2	.5								.7	11.8
CALM												14.7	
	12.3	25.7	28.0	16.0	2.9	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 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)

16100 (STATION) BITBURG 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	.7	1.3	1.2	.1								3.3	6.0
NNE	.5	.8	1.4	.4								3.1	7.1
NE	.7	1.0	1.9	1.1								4.7	7.8
ENE	1.1	1.0	2.9	1.6	.1							6.6	8.2
E	1.7	3.3	6.0	3.1	.2							14.3	8.0
ESE	.4	.4	.1									.8	4.1
SE	.5	.2										.7	3.0
SSE	.1	.4	.8	.2								1.6	7.5
S	.4	1.4	2.0	1.1	.1							5.0	8.3
SSW	.6	1.7	2.9	3.0	.7	.1						9.0	10.0
SW	.6	1.8	3.2	3.7	1.3	.5						11.1	10.8
WSW	.8	2.6	3.8	3.8	.8	.4						12.3	10.0
W	.5	2.9	2.7	2.3	.4							8.7	8.7
WNW	.7	1.2	.7	.2								2.9	5.6
NW		.6	.7	.2								1.6	8.1
NNW	.5	.7	1.1	.2								2.5	6.9
VARBL			.2	.5	.1	.1						1.0	14.1
CALM												10.9	
	9.7	21.3	31.8	21.5	3.8	1.1						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

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	.8	.7								2.7	7.5
NNE		.6	1.0	.4								1.9	8.4
NE	.5	.4	1.6	1.0								3.3	8.6
ENE	.5	2.0	2.0	2.3	.2							7.0	9.2
E	1.3	2.6	3.5	2.5	.2							10.2	8.0
ESE	.7	1.2	.1									2.0	3.9
SE	.4	.7	.1									1.2	4.8
SSE		1.3	.6	.2								2.2	7.2
S	.1	2.3	2.3	1.3	.4							6.3	8.8
SSW	.4	1.0	3.9	4.2	.8	.2						10.5	11.3
SW	.4	1.8	3.2	3.7	1.3	.7						11.1	11.3
WSW	1.2	1.0	3.1	5.5	1.6	.5						12.8	11.8
W	.5	2.4	3.7	2.9	.1	.1						9.7	9.3
WNW	1.2	1.1	.8	.6								3.7	6.4
NW	.2	.6	.6	.1								1.6	6.3
NNW	.6	.5	1.2	.1								2.4	6.6
VARBL		.1	2.6	3.0								5.7	10.8
CALM												5.6	
	8.4	20.2	31.2	28.4	4.7	1.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	.6	.5	1.0	1.2								3.2	8.2
NNE	.4	.4	1.1	.6								2.4	8.6
NE	.1	.7	1.2	1.4	.1							3.6	10.1
ENE	.5	1.6	2.6	2.0								6.7	8.8
E	.8	1.3	3.2	1.9								7.3	8.5
ESE	1.0	.8	.5									2.3	4.4
SE	.4	.5	.5									1.3	5.7
SSE	.6	.5	1.0	.2								2.3	6.0
S	.6	2.0	2.9	1.6	.2							7.3	8.5
SSW	.6	2.0	3.5	3.0	.7	.1						9.9	9.9
SW	.6	1.3	3.2	6.0	1.6	.7						13.4	12.1
WSW	1.0	2.0	2.6	4.8	1.1	.4						11.8	10.8
W	.6	1.9	4.1	3.1	.7	.2						10.6	10.0
WNW	.4	.7	.7	.8								2.6	8.7
NW	.2	.8	1.2	.4								2.6	7.4
NNW	.4	.8	2.2									3.3	7.3
VARBL		.2	2.6	2.9	.1		.1					6.0	11.3
CALM												3.3	
	8.6	18.2	33.9	29.9	4.5	1.4	.1					100.0	9.3

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

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	.6	1.7	2.3	.1								4.7	6.6
NNE	.2	.5	2.4	.6								3.7	8.3
NE	.1	.6	1.0	1.0								2.6	9.0
ENE	.5	1.6	3.3	1.8								7.2	8.4
E	.8	2.7	3.3	1.6								8.5	7.5
ESE	.5	.2	.6									1.3	6.0
SE	.5	.7	.2	.1								1.6	5.2
SSE	.7	1.1	.8	.4								3.0	6.0
S	1.1	2.3	2.9	1.6	.2							8.0	7.7
SSW	.8	2.7	2.6	3.5	.8							10.5	9.4
SW	.8	1.7	3.5	2.9	1.0	.2						10.0	10.0
WSW	.7	1.2	3.9	4.4	1.0							11.2	10.8
W	1.0	2.4	3.3	2.4	.2							9.3	8.6
WNW	.5	1.1	1.1	.2	.2	.1						3.2	8.2
NW	.4	1.2	1.0	.4								2.9	7.3
NNW	.5	1.3	1.6									3.3	6.0
VARBL			.8	.2								1.1	9.4
CALM												7.9	
	9.7	22.9	34.6	21.0	3.5	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	1.8	1.8	1.1	.4								5.0	5.0
NNE	1.4	2.0	1.6	.1								5.1	5.6
NE	1.0	1.3	1.4	.2								3.9	6.0
ENE	1.0	3.0	3.0	1.2								8.1	7.2
E	1.7	3.7	2.9	.8								9.1	6.2
ESE	.5	.2	.2									1.0	4.6
SE	.5	.8	.1	.1								1.6	4.6
SSE	1.0	2.2	1.0									4.1	5.3
S	1.1	1.8	2.0	.6								5.5	6.6
SSW	.5	1.3	3.2	2.3	1.3							8.6	10.6
SW	.4	3.8	4.1	2.9	.6	.1						11.8	8.8
WSW	1.1	1.9	3.5	2.6	.7	.1						9.9	9.3
W	1.3	2.3	2.6	1.9	.1							8.2	7.6
WNW	.4	.8	1.3	.2								2.7	7.0
NW	.7	.1	.8	.1								1.8	5.8
NNW	.2	.6	.2									1.1	5.7
VARBL			.4	.2	.1							.7	12.0
CALM												11.7	
	14.3	27.7	29.4	13.7	2.9	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6130	BITBURG AB DL	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	1.1	.4								4.3	5.8
NNE	.7	1.2	1.3	.3								3.5	6.4
NE	.6	1.1	1.4	.7	.0							3.7	7.4
ENE	1.0	2.4	2.9	1.4	.1							7.8	7.5
E	1.2	3.1	3.8	1.8	.1							10.0	7.4
ESE	.6	.4	.2									1.2	4.3
SE	.4	.5	.2	.0								1.1	4.7
SSE	.4	1.1	.6	.2								2.3	5.8
S	.7	1.8	2.1	1.2	.2	.0						6.0	8.0
SSW	.7	1.5	3.3	2.8	.7	.1						9.1	9.9
SW	.7	2.2	3.5	3.9	1.0	.3						11.6	10.4
WSW	.9	2.0	3.3	3.5	.9	.2						10.7	10.1
W	1.0	2.6	3.2	2.4	.3	.1						9.6	8.7
WNW	.6	.9	.9	.4	.1	.0						2.9	7.0
NW	.3	.6	.7	.2								1.9	6.8
NNW	.4	.8	1.0	.1								2.3	6.4
VARBL		.0	.9	1.0	.1	.0	.0					2.0	11.2
CALM												10.1	
	11.4	23.8	30.3	20.3	3.4	.7	.0					100.0	7.5

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)

16100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) APR (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	2.5	4.3	1.5	.4								8.3	5.2
NNE	2.2	4.9	1.7	.1								9.0	5.2
NE	2.2	3.3	1.7	1.0								8.3	5.9
ENE	2.0	4.8	3.5	.6								10.9	5.8
E	1.5	4.2	3.0									8.6	5.6
ESE	.5	.4	.1									1.0	3.9
SE	.9	.4										1.2	2.6
SSE	.5	1.1	.1									1.7	4.4
S	.4	.7	.5									1.6	5.1
SSW	.5	.4	1.5	.5								2.8	7.8
SW	.2	1.6	2.3	1.2	.4							5.8	9.0
WSW	.7	1.7	3.0	.5	.1							6.0	7.6
W	2.0	3.3	2.6	1.1		.1						9.1	6.5
WNW	1.0	1.7	.7	.1	.2							3.8	5.9
NW	.9	1.4	.5	.2								3.0	5.1
NNW	2.1	1.7	.6	.1	.1							4.7	4.5
VARBL				.1								.1	13.0
CALM												14.0	
	20.0	35.7	23.3	6.0	.9	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

106130 (STATION) BITBURG 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	2.7	5.2	2.1	.7								10.7	5.3
NNE	2.7	3.2	1.9	.2								8.0	5.1
NE	1.7	2.2	1.6	1.2								6.8	6.4
ENE	2.1	6.3	4.1	.7								13.2	5.9
E	2.7	3.6	2.5									8.8	5.2
ESE	.6		.1									.7	3.7
SE	.2	.5										.7	4.0
SSE	.1	.4										.5	4.5
S	.6		.4									1.0	4.4
SSW	.1		.6	.5	.1							1.4	10.5
SW		1.4	3.0	.6	.2							5.2	8.9
WSW	.1	2.1	2.8	1.9	.1	.1						7.2	9.1
W	1.9	2.7	4.6	.7	.2	.1						10.2	7.0
WNW	.9	1.1	.5	.4	.2	.1						3.2	7.2
NW	1.2	1.4	.4									3.0	4.2
NNW	1.7	1.0	.1	.2								3.1	4.0
VARBL			.1	.1								.2	10.5
CALM												16.0	
	19.5	31.0	24.7	7.4	1.0	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

10e100 (STATION) | BITBURG 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	2.7	3.8	1.7									8.3	4.7
NNE	2.8	3.6	2.0	.2								8.6	5.0
NE	1.5	2.2	1.5	1.0								6.2	6.5
ENE	2.5	5.4	3.5	1.4								12.7	6.2
E	2.1	4.7	2.0									8.8	4.9
ESE	.4	.2	.1									.7	4.0
SE		.5										.5	4.0
SSE	.2	.4		.1								.7	5.2
S	.6	.2		.2								1.1	4.8
SSW	.2	.2	.9	.2								1.6	7.3
SW	.4	1.2	2.3	1.9								5.8	8.8
WSW	.5	1.6	4.0	2.1	.2							8.4	8.9
W	1.6	2.5	3.3	1.0	.1	.1						8.6	7.0
WNW	2.1	1.1	1.6	.4								5.2	5.2
NW	.7	1.7	.6	.1	.1							3.3	5.6
NNW	1.2	1.1	1.2									3.6	5.2
VARBL				.2	.1							.4	15.7
CALM												15.4	
	19.6	30.6	24.7	8.9	.6	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

10010 (STATION) BITBURG 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	2.5	2.2	2.0	.7								7.4	6.0
NNE	1.6	2.1	1.0	.5								5.2	5.5
NE	1.0	.4	2.0	1.0	.1							4.4	8.0
ENE	1.5	4.1	4.7	2.8								13.1	7.9
E	2.1	6.0	4.8	1.0								14.0	6.4
ESE	.7	.2	.4									1.4	4.4
SE	.4	.7										1.1	3.8
SSE	.5	.7										1.2	3.9
S	.5	.5	.7	.1								1.9	5.9
SSW	.6	.5	.5	.7	.1							2.5	7.8
SW	.5	1.2	2.3	.7	.1	.1						5.1	8.8
WSW	.2	1.7	4.1	4.2	.5	.1						10.9	10.3
W	1.5	2.2	3.6	2.3								9.6	7.7
WNW	1.2	1.1	1.0	.7								4.1	6.3
NW	.7	1.1	1.7	.4								4.0	6.9
NNW	1.0	1.7	1.2	.9								4.8	6.6
VARBL	.1		1.5	1.1	.1	.1						3.0	11.1
CALM												6.5	
	16.7	26.7	31.5	17.3	1.0	.4						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

2

SURFACE WINDS

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

10e100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	2.8	1.6								6.5	8.3
NNE	.2	.9	1.6	.5								3.2	7.7
NE	.4	1.0	1.7	1.4	.2							4.7	9.1
ENE	.5	1.2	3.7	2.8								8.3	9.4
E	1.1	2.7	3.2	1.2								8.3	7.2
ESE	.6	1.5	.1	.4								2.6	5.5
SE	.4	1.0	.4	.1								1.9	5.4
SSE	1.0	1.4	.4	.1								2.8	4.5
S	.2	1.1	.7	.4								2.5	7.1
SSW	.1	1.5	1.1	2.0								4.7	9.2
SW	.7	.7	2.8	1.5	.6	.1						6.5	9.8
WSW	.4	1.0	3.1	3.2	.2							7.9	10.0
W	1.0	2.7	2.7	3.0	.4							9.8	9.0
WNW	.2	1.6	1.2	.6	.4							4.1	8.7
NW	.4	1.1	2.0	.9								4.3	7.9
NNW	.7	1.1	1.7	1.5	.1							5.2	8.2
VARBL		.7	7.4	3.5	.4	.4						12.3	10.3
CALM												4.4	
	8.8	22.6	36.8	24.6	2.3	.5						100.0	8.3

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

2

SURFACE WINDS

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

106100	BITBURG AB DL	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.5	3.0	1.5								7.5	7.9
NNE	.4	.5	1.7	1.7								4.3	9.2
NE	.2	1.0	1.9	1.5	.2							4.8	9.9
ENE	.4	1.6	2.7	1.9	.2							6.8	9.2
E	.4	2.1	2.1	1.4								5.9	8.2
ESE	.5	.7	.7	.2								2.2	6.9
SE	.7	1.2	.2	.1								2.3	4.7
SSE	.5	.2	.2	.1								1.1	4.9
S	.4	2.0	1.9	.6								4.8	7.0
SSW	1.0	1.4	1.0	1.1	.4							4.8	8.3
SW	.1	1.2	3.0	1.6	.2	.2						6.4	10.0
WSW	.5	1.1	1.9	2.3	.1	.1						6.0	10.0
W	1.4	1.9	4.4	4.1	.4							12.1	9.4
WNW	.6	1.5	1.5	.2								3.8	6.5
NW	.4	1.1	1.6	.7	.2							4.1	8.4
NNW	.5	1.5	2.1	2.0	.4							6.4	9.4
VARBL		.5	8.8	4.1	.7							14.1	10.4
CALM												2.3	
	8.5	22.0	38.6	25.2	3.0	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
10100	BITBURG AB DL	73-81	APR

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.7	5.9	2.2	.1							11.6	8.3
NNE	.6	1.9	3.2	.6	.1							6.4	7.5
NE	.5	1.9	2.8	2.1	.2							7.5	9.0
ENE	1.0	2.7	2.7	2.0								8.4	7.8
E	1.1	3.1	3.3	.2								7.8	6.2
ESE	.4	.9	.7	.1								2.1	6.1
SE	.2	1.2	.1									1.6	4.5
SSE	.7	.4	.4	.1								1.6	5.2
S	.5	1.7	1.4	.2								3.8	6.0
SSW	.4	1.4	1.2	1.2	.2							4.4	8.9
SW	.7	1.1	2.1	1.1								5.1	7.8
WSW	.1	.9	3.3	2.3	.2							6.9	10.1
W	.7	2.0	3.8	1.9		.1		.1				8.6	8.7
WNW	.4	1.0	2.0	.6								4.0	7.8
NW	.6	2.1	2.3	.9								5.9	7.2
NNW	.7	2.0	2.7	1.6	.1							7.2	8.4
VARBL			1.7	1.1								2.8	10.3
CALM												4.2	
	9.4	26.8	39.9	18.4	1.1	.1		.1				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

2

SURFACE WINDS

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

126100	BITBURG AB DL	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	4.7	2.8	1.0								10.7	5.9
NNE	2.0	4.8	3.2	.4								10.4	5.7
NE	1.1	2.3	2.0	.6								6.0	6.4
ENE	2.2	4.3	2.5	.9								9.9	6.0
E	1.9	5.1	1.4									8.3	4.9
ESE	1.2	1.5	.1									2.8	4.0
SE	1.0	.2		.1								1.4	3.6
SSE	.4	.2	.1									.7	4.3
S	.2	1.2	.7	.5								2.7	7.5
SSW	.6	1.4	.9	.5								3.3	6.4
SW	.1	1.6	2.5	1.1	.2							5.6	8.7
WSW	.9	1.5	2.6	1.6								6.5	7.8
W	1.5	2.8	2.8	.5	.2							7.9	6.7
WNW	.5	1.6	.9	.4								3.3	6.4
NW	1.0	1.9	1.9	.1								4.8	6.0
NNW	2.2	2.2	1.4	.1								5.9	4.9
VARBL			.2									.2	9.5
CALM												9.4	
	19.0	37.4	25.9	7.8	.5							100.0	5.6

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

2

SURFACE WINDS

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

10b100 (STATION) BITBURG AB OL (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	1.8	3.3	2.7	1.0	.0							8.9	6.4
NNE	1.6	2.7	2.0	.5	.0							6.9	6.0
NE	1.1	1.8	1.9	1.2	.1							6.1	7.5
ENE	1.5	3.8	3.4	1.6	.0							10.4	7.1
E	1.6	3.9	2.8	.5								8.8	6.0
ESE	.6	.7	.3	.1								1.7	5.1
SE	.5	.7	.1	.0								1.3	4.3
SSE	.5	.6	.2	.1								1.3	4.6
S	.4	.9	.8	.3								2.4	6.4
SSW	.4	.8	1.0	.8	.1							3.2	8.3
SW	.4	1.3	2.5	1.2	.2	.1						5.7	9.0
WSW	.4	1.5	3.1	2.3	.2	.0						7.5	9.3
W	1.4	2.5	3.5	1.8	.2	.1		.0				9.5	7.8
WNW	.9	1.3	1.2	.4	.1	.0						3.9	6.7
NW	.7	1.5	1.4	.4	.0							4.0	6.6
NNW	1.3	1.5	1.4	.8	.1							5.1	6.7
VARBL	.0	.2	2.5	1.3	.2	.1						4.2	10.5
CALM												9.0	
	15.2	29.1	30.7	14.4	1.3	.2		.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6190 (STATION) BITBURG 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	1.7	1.0	.2								4.1	5.2
NNE	2.2	2.0	.5									4.7	4.0
NE	1.2	2.9	.6	.1								4.8	4.8
ENE	3.1	6.3	4.2	1.6								15.2	6.0
E	3.0	8.9	2.0									13.9	4.9
ESE	1.1	1.4	.8									3.3	4.8
SE	.5	.7										1.2	3.8
SSE	1.0	.8										1.8	3.1
S	.7	1.4	1.1		.2							3.5	6.4
SSW	.5	2.2	1.7	1.3	.2							5.9	8.1
SW	.2	1.4	3.2	.2								5.1	7.3
WSW	.6	3.1	2.4	.5								6.6	6.5
W	1.3	3.1	2.3	.6								7.3	6.0
WNW	1.3	1.2	1.4									3.9	5.3
NW	.1	1.2	.5									1.8	5.5
NNW	.8	.5	.6	.2								2.2	5.6
VARBL			.1									.1	7.0
CALM												14.7	
	18.8	38.9	22.4	4.8	.5							100.0	4.9

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)

16100 (STATION) BITBURG 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	2.5	2.4	1.0									5.9	4.2
NNE	1.3	1.8	1.0									4.1	4.7
NE	1.9	1.8	.5	.2								4.4	4.4
ENE	3.3	8.0	4.2	1.0								16.5	5.6
E	2.3	7.0	4.7	.1								14.1	5.7
ESE	.6	.7	.1									1.4	4.2
SE	1.0	.1										1.1	2.2
SSE	.6	.6										1.2	3.5
S	1.0	1.6	1.6									4.1	5.6
SSW	1.1	1.4	1.8	.8		.1						5.3	7.3
SW	1.1	3.2	2.6	.5								7.4	6.6
WSW	.7	1.9	1.6	.4		.2	.1					4.9	7.6
W	1.3	4.3	3.2	.6								9.4	6.2
WNW	.5	1.0	.4	.1								1.9	5.6
NW	.5		.4	.4								1.2	6.8
NNW	.4	.6	.6	.4								1.9	7.0
VARBL			.1									.1	7.0
CALM												15.2	
	20.0	36.4	23.5	4.4		.4	.1					100.0	4.9

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

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	2.2	1.6	1.7									5.4	4.9
NNE	1.7	1.9	1.2	.1								4.9	5.1
NE	1.4	2.4	.6	.4								4.8	5.0
ENE	2.3	5.1	5.0	1.3								13.7	6.4
E	3.2	6.0	6.0	.5								15.7	5.9
ESE	.5	1.0	.4									1.8	4.4
SE	.6	.2										.8	2.7
SSE	.7	.4	.1									1.2	3.3
S	1.4	1.2	1.2									3.8	5.2
SSW	.5	1.3	1.6	1.2	.1							4.7	8.4
SW	.8	2.3	2.0	.4								5.5	6.5
WSW	1.9	1.7	3.2	.8								7.6	6.8
W	1.3	3.5	2.4	.6	.2	.1						8.1	6.9
WNW	1.3	.5	.2	.2	.1							2.4	5.1
NW	.6	1.0	.4	.2								2.2	5.3
NNW	.7	.2	.5									1.4	5.3
VARBL													
CALM												16.0	
	21.1	30.1	26.4	5.7	.5	.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

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	1.3	1.6	1.6	.1								4.5	5.5
NNE	.4	.7	1.6	.1								2.7	6.9
NE	.5	.7	1.6	.4								3.1	7.0
ENE	.8	2.3	2.9	1.6								7.5	7.6
E	2.3	5.1	9.0	4.8								21.1	7.9
ESE	.8	.8	.5									2.2	4.9
SE	.5	.5	.1	.1								1.2	5.2
SSE	1.3	.2		.1								1.7	2.9
S	1.6	1.9	1.7	.5								5.6	5.9
SSW	1.2	1.1	2.0	2.0	.4							6.7	8.6
SW	.7	1.3	3.6	1.6								7.2	8.2
WSW	1.3	2.5	4.3	1.0								9.1	7.2
W	.8	2.7	2.5	2.2	.1							8.4	8.2
WNW	1.6	1.7	.5	.7	.1							4.5	6.1
NW	.6		.8	.2								1.7	6.9
NNW	.2	.7	.4	.4								1.7	6.9
VARBL		.1	2.6	1.3	.2							4.3	10.3
CALM												6.8	
	15.9	24.0	35.5	17.0	.8							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	.6	1.1	1.8									3.5	6.6
NNE	.6	1.6	1.2	.2								3.6	6.3
NE	.2	.4	1.4	.1								2.2	7.4
ENE	1.0	2.3	2.2	2.0	.1							7.5	8.2
E	1.1	2.3	5.5	2.9								11.7	8.6
ESE	.4	.8	1.1	.1								2.4	7.0
SE	.5	.7		.1								1.3	4.2
SSE	.6	.1	.1	.2								1.1	5.8
S	1.1	1.0	2.0	.4	.2							4.7	7.1
SSW	1.1	2.0	2.6	2.9								8.6	8.4
SW	.1	1.3	2.9	3.5	.1							7.9	9.9
WSW	.6	1.9	3.9	3.1	.2							9.8	9.2
W	1.1	2.3	3.2	1.7	.2							8.5	8.1
WNW	.5	1.0	.4	.8	.2							2.9	8.3
NW	.2	.7	1.0	.5								2.4	8.0
NNW	.5	1.0	1.0	.1								2.5	6.4
VARBL		.6	10.6	4.3	.4	.1						16.0	9.9
CALM												3.6	
	10.0	20.9	40.9	22.9	1.6	.1						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 6130	BITBURG AB DL	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.9	.8								4.8	7.9
NNE	.4	1.8	.8	.4								3.3	6.1
NE	.1	.8	.6	.1								1.7	6.6
ENE	1.0	1.8	4.7	1.3	.1							8.8	7.6
E	.5	2.3	3.5	2.2	.1							8.5	8.7
ESE	.6	1.1	.4	.2								2.3	5.5
SE	.5	.8										1.3	3.8
SSE	.7	1.1	.2									2.0	4.4
S	1.3	1.7	1.3	1.2								5.5	6.9
SSW	.7	1.2	3.5	1.9								7.3	8.8
SW	.2	1.8	3.2	2.9	.2							8.4	9.3
WSW	.6	.8	3.5	2.6	.2							7.8	9.7
W	.8	2.0	4.3	1.8	.2							9.2	8.3
WNW	.6	.7	1.7	.8								3.8	7.9
NW	.2	1.1	1.3	.4	.1							3.1	7.7
NNW	.5	1.2	1.2	.7								3.6	7.6
VARBL		.2	9.3	4.8	.8							15.2	10.3
CALM												3.5	
	9.2	22.0	41.3	22.1	1.9							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

I 6100 — STATION
BITBURG 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	.8	1.6	3.2	.5								6.1	7.1
NNE	.8	1.2	1.8	.4								4.2	6.5
NE	.2	1.7	1.0	.2	.1							3.2	6.9
ENE	1.1	2.0	3.3	1.7	.1							8.2	7.8
E	1.3	5.1	5.4	1.2								13.0	6.9
ESE	1.0	1.2	1.7									3.8	6.0
SE	.5	.5	.7	.1								1.8	5.9
SSE	.2	.6	.4									1.2	5.4
S	1.8	1.2	2.0	.5	.1							5.6	6.2
SSW	.2	1.6	2.9	.5								5.1	7.6
SW	.8	3.3	3.9	2.0	.1							10.3	8.2
WSW	.7	2.5	3.7	1.6	.2							8.7	8.2
W	1.1	1.4	5.5	1.3								9.3	8.1
WNW	.4	1.1	1.6	.4	.1							3.5	7.8
NW	.5	.6	.6	1.1		.1						2.9	9.0
NNW	.4	1.2	1.2	.7	.4							3.8	8.3
VARBL		.1	1.6	1.8	.1							3.6	10.8
CALM												5.6	
	11.8	26.9	40.4	13.9	1.3	.1						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 6100 (STATION) BITBURG 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	2.0	2.3	1.1	.1								5.5	4.8
NNE	1.6	1.4	.8									3.8	4.4
NE	1.2	3.2	.8									5.3	4.8
ENE	2.3	5.4	2.7	1.8	.1							12.3	6.4
E	4.2	7.5	2.2	.1								14.0	4.6
ESE	1.3	1.7	.2									3.2	3.6
SE	.6	.4										1.0	2.9
SSE	1.7	.1	.2									2.0	3.1
S	1.0	.7	1.2	.5								3.3	6.7
SSW	.6	3.9	2.3	.8	.1							7.8	6.9
SW	.4	3.7	1.8	.2								6.1	6.2
WSW	1.1	2.5	3.0	.4								6.9	6.4
W	1.1	2.0	3.7	.6	.2							7.6	7.3
WNW	.8	1.0	1.2	.2								3.2	6.2
NW	1.1	1.3		.6								3.0	5.4
NNW	.8	.6	.8	.1								2.4	5.5
VARBL				.2	.1							.4	15.7
CALM												12.2	
	21.6	37.8	22.1	5.7	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) MAY (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	1.4	1.7	1.6	.2								5.0	5.7
NNE	1.1	1.6	1.1	.1								3.9	5.4
NE	.9	1.7	.9	.2	.0							3.7	5.5
ENE	1.9	4.2	3.6	1.5	.1							11.2	6.7
E	2.2	5.5	4.8	1.5	.0							14.0	6.6
ESE	.8	1.1	.6	.0								2.6	5.1
SE	.6	.5	.1	.0								1.2	4.1
SSE	.9	.5	.1	.0								1.5	3.8
S	1.2	1.3	1.5	.4	.1							4.5	6.3
SSW	.7	1.8	2.3	1.4	.1	.0						6.4	8.0
SW	.6	2.3	2.9	1.4	.1							7.2	7.9
WSW	.9	2.1	3.2	1.3	.1	.0	.0					7.7	7.8
W	1.1	2.7	3.4	1.2	.1	.0						8.5	7.4
WNW	.9	1.0	.9	.4	.1							3.3	6.6
NW	.5	.7	.6	.4	.0	.0						2.3	6.9
NNW	.5	.7	.8	.3	.0							2.4	6.8
VARBL		.1	3.0	1.6	.2	.0						5.0	10.2
CALM												9.7	
	16.1	29.6	31.6	12.1	.9	.1	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 6695

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

1 c100	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.8	.4									5.4	4.1
NNE	2.8	3.3	.5	.1								6.8	4.0
NE	1.0	3.3	.9	.2								5.4	5.2
ENE	2.6	4.4	1.0									8.0	4.5
E	4.4	3.2	.4									8.0	3.5
ESE	.2	.7										1.0	4.0
SE	.2	.6										.9	3.9
SSE	.6	.6										1.2	3.0
S	.5	1.1	.5									2.2	5.1
SSW	.2	2.2	.6	1.1								4.2	7.3
SW	1.0	1.7	3.2	1.0		.1						7.0	7.5
WSW	1.5	3.8	3.1	.6								9.0	6.3
W	1.7	4.3	3.0	.4								9.4	5.9
WNW	1.9	2.1	1.2	.1								5.3	5.1
NW	1.6	1.1	.5									3.2	4.2
NNW	2.0	1.2	.7									4.0	4.5
VARBL													
CALM												18.8	
	24.7	36.8	15.9	3.6		.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 0100 (STATION) BITBURG 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	3.8	1.6	1.4	.1								6.9	4.1
NNE	3.8	2.7	.7									7.3	3.7
NE	1.2	2.1	.7									4.1	4.7
ENE	3.2	3.8	.7									7.8	4.1
E	3.1	3.2	1.5									7.8	4.3
ESE	.5		.1									.6	3.4
SE	.9											.9	2.1
SSE	.1	1.1										1.2	4.3
S	.9	1.0	.1									2.0	3.8
SSW	1.1	1.4	1.7	.4	.1							4.7	6.7
SW	.7	2.0	2.7	1.0								6.4	7.2
WSW	1.0	2.3	3.8	.6								7.8	6.9
W	1.9	3.5	2.8	.2								8.4	5.6
WNW	1.6	1.4	1.0	.6								4.6	5.6
NW	1.2	1.5	.5	.1								3.3	4.9
NNW	2.0	.9	.5									3.3	3.9
VARBL			.1									.1	10.0
CALM												22.8	
	27.0	28.4	18.5	3.1	.1							100.0	3.9

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

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SURFACE WINDS

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

10b100 (STATION) BITBURG 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	4.1	2.1	1.2	.2								7.7	4.1
NNE	3.1	1.6	1.4									6.0	4.1
NE	2.2	1.5	1.1									4.8	4.5
ENE	2.6	3.2	1.7									7.5	4.6
E	3.1	4.1	1.2	.1								8.5	4.5
ESE	.9	.2	.2									1.4	3.5
SE	.9	.1										1.0	2.3
SSE	.1	.4										.5	4.0
S	.6	.6	.4	.1								1.7	5.4
SSW	.4	1.1	2.1	.9	.1							4.6	8.2
SW	.9	1.7	4.3	1.1								8.0	7.6
WSW	2.2	2.8	2.8	1.7								9.6	6.6
W	1.4	3.0	2.8	.1								7.3	6.0
WNW	1.9	1.1	.7									3.7	4.2
NW	1.0	1.1	1.1	.1								3.3	5.6
NNW	1.0	1.2	.6	.1								3.0	5.1
VARBL			.1									.1	10.0
CALM												21.2	
	26.2	25.9	22.0	4.6	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 810

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106100	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	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	1.2	2.1	1.4	.1								4.8	5.4
NNE	.5	1.4	1.6	.1								3.6	6.2
NE	.4	1.5	1.7	.1								3.7	6.6
ENE	2.1	3.0	2.3	.1								7.5	5.3
E	4.7	5.6	3.7	.2								14.2	5.0
ESE	.5	.4										.9	2.7
SE	.6	.4										1.0	2.6
SSE	.4	.4	.1									.9	4.1
S	1.2	.9	.6	.2								3.0	5.1
SSW	.4	1.1	3.5	1.1								6.0	8.5
SW	.6	1.1	4.3	1.7	.4							8.1	9.3
WSW	.9	3.1	3.3	2.0								9.3	7.9
W	1.6	4.0	4.6	1.1	.2							11.5	7.0
WNW	.6	1.6	1.4	.5								4.1	6.6
NW	.7	.7	1.0	.2								2.7	6.2
NNW	.9	1.0	1.4	.6								3.8	6.9
VARBL		.2	4.1	1.1								5.4	9.1
CALM												9.5	
	17.3	28.3	34.9	9.4	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	2.5	.2								4.4	7.4
NNE	.9	1.9	.9									3.6	4.9
NE	.7	1.1	1.0									2.8	5.6
ENE	1.1	1.7	1.0	.6								4.4	5.9
E	1.6	2.5	2.6	.5								7.2	6.4
ESE	.7	1.1	.1									2.0	4.1
SE	.5	.6	.4	.1								1.6	5.6
SSE	.7	.5	.1									1.4	3.9
S	1.0	1.0	1.2									3.2	5.8
SSW	.9	1.6	2.3	1.7								6.5	8.4
SW	.7	1.9	2.3	3.2	.4	.1						8.6	10.0
WSW	.7	2.6	2.3	3.6	.5							9.8	9.5
W	1.4	3.0	5.3	3.0	.1							12.7	8.0
WNW	.5	1.0	1.4	.6								3.5	7.2
NW	.5	1.2	1.5	.2								3.5	6.5
NNW	1.0	.9	1.5	.1								3.5	6.0
VARBL		.9	11.1	4.6	.1							16.7	9.6
CALM												4.7	
	13.3	24.7	37.5	18.5	1.1	.1						100.0	7.4

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

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SURFACE WINDS

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

106100 (STATION) BITBURG 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	.9	1.1	2.1	.7								4.8	7.4
NNE	.7	2.0	2.2	1.0								5.9	7.1
NE	.5	1.0	1.4	.4								3.2	6.9
ENE	1.2	1.1	1.6	.1								4.1	5.6
E	1.6	2.6	1.4	.5								6.0	5.9
ESE	.9	.7	.4									2.0	4.1
SE	.2	.4	.5									1.1	5.7
SSE	.5	.4	.2	.1								1.2	5.4
S	1.2	.9	1.4	.2								3.7	5.9
SSW	.6	1.2	1.5	1.4								4.7	8.0
SW	.4	1.7	1.6	2.8	.9							7.4	10.3
WSW	.6	3.0	3.2	3.5	.6	.1						11.0	10.0
W	1.1	2.8	4.6	4.3	.1							13.0	8.8
WNW	1.1	1.5	2.2	.4								5.2	6.2
NW	1.2	1.5	1.7	.4								4.8	6.3
NNW	.4	.9	1.5	.5								3.2	7.4
VARBL	.1	.5	10.6	4.1	.7							16.0	10.0
CALM												2.6	
	13.3	23.2	38.0	20.4	2.3	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 610

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)

10&100 (STATION) BITBURG 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	.7	2.8	3.1	.5								7.2	6.7
NNE	1.0	2.2	4.3	.7								8.3	7.2
NE	.2	1.1	1.5									2.8	6.4
ENE	.9	1.9	1.5	.2								4.4	5.9
E	2.2	3.5	2.8									8.5	5.3
ESE	1.0	.9	.2									2.1	3.9
SE	.4	1.1	.1									1.6	4.8
SSE	.1	.4	.2									.7	5.5
S	1.0	1.0	.6									2.6	4.9
SSW	1.0	.9	1.4	1.1	.1							4.4	7.9
SW	1.1	1.6	3.1	2.2	.4							8.4	8.6
WSW	.7	2.2	4.4	2.8	.1							10.4	8.5
W	.6	3.3	5.7	3.3	.4							13.3	8.7
WNW	.4	2.0	2.1	.7	.1							5.3	7.5
NW	.1	2.0	1.7	.2								4.1	6.8
NNW	.4	3.2	2.1	.7								6.4	6.8
VARBL		.1	2.8	2.5								5.4	10.3
CALM												4.0	
	11.9	30.1	37.8	15.2	1.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

106100	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	3.1	1.2									7.8	4.3
NNE	2.0	4.3	1.5									7.8	4.9
NE	1.2	4.1	1.9	.4								7.5	5.5
ENE	1.4	3.6	.6									5.6	4.6
E	3.5	2.0	.4									5.8	3.3
ESE	1.4	1.4	.1									2.8	3.3
SE	.7	.4										1.1	3.0
SSE	.5	.1										.6	2.4
S	.5	.7	.1									1.4	3.7
SSW	.4	1.6	1.0	.6								3.6	6.8
SW	1.2	2.8	3.2	.6	.1							8.0	6.8
WSW	1.4	4.1	3.8	2.2								11.5	7.3
W	1.6	5.2	2.6	1.0	.1							10.5	6.3
WNW	1.2	2.1	1.1	.2								4.7	5.5
NW	1.2	2.0	1.4	.2								4.8	5.6
NNW	2.2	1.2	1.7	.1								5.3	4.8
VARBL			.6									.6	9.4
CALM												10.6	
	23.8	38.6	21.2	5.4	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

106100 (STATION) BITBURG 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	2.1	2.1	1.7	.2								6.1	5.2
NNE	1.9	2.4	1.6	.2								6.2	5.3
NE	.9	2.0	1.3	.1								4.3	5.6
ENE	1.9	2.8	1.3	.1								6.2	4.9
E	3.0	3.3	1.7	.2								8.3	4.8
ESE	.8	.7	.2									1.6	3.7
SE	.6	.4	.1	.0								1.1	4.0
SSE	.4	.5	.1	.0								1.0	4.1
S	.9	.9	.6	.1								2.5	5.1
SSW	.6	1.4	1.8	1.0	.0							4.8	7.8
SW	.8	1.8	3.1	1.7	.3	.0						7.8	8.5
WSW	1.1	3.0	3.4	2.1	.2	.0						9.8	7.9
W	1.4	3.6	3.9	1.7	.1							10.8	7.3
WNW	1.1	1.6	1.4	.4	.0							4.5	6.0
NW	1.0	1.4	1.2	.2								3.7	5.8
NNW	1.2	1.3	1.3	.3								4.1	5.7
VARBL	.0	.2	3.7	1.5	.1							5.6	9.8
CALM												11.8	
	19.7	29.5	28.2	10.0	.7	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6479

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG AB OL (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	1.2	.4									3.5	3.6
NNE	1.2	1.8										3.0	3.8
NE	1.4	1.3										2.8	3.6
ENE	3.5	3.1	.4									7.0	3.8
E	1.4	5.0	.2									6.7	4.5
ESE	.5	.2										.7	3.0
SE	.2	.2										.5	3.5
SSE	.4	.2										.6	3.0
S	1.2	.6	.4									2.2	3.9
SSW	.4	1.1	1.1	.1	.1							2.8	6.9
SW	1.0	3.4	4.6	1.0								9.8	7.0
WSW	.7	4.9	6.2	1.1								12.9	7.1
W	2.6	6.0	5.2	1.3								15.1	6.4
WNW	1.2	1.6	.7	.1	.1							3.7	5.2
NW	2.2	1.3	.5	.2								4.2	4.0
NNW	2.4	1.0	.8									4.2	4.1
VARBL			.1	.1								.2	10.5
CALM												20.1	
	22.2	33.0	20.5	4.0	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 834

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 6100 (STATION) BITBURG 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	2.9	2.5	.4									5.7	3.6
NNE	1.1	1.3	.1									2.5	3.7
NE	.6	.8										1.4	3.3
ENE	1.9	3.1	.6									5.6	4.3
E	1.6	5.9	1.0									8.4	4.5
ESE	.1	.1	.1									.4	4.3
SE	.1											.1	2.0
SSE	.1											.1	3.0
S	.6	.4										1.0	3.3
SSW	.7	2.3	2.0	.2								5.3	6.4
SW	.6	2.7	3.8	.5								7.6	7.0
WSW	1.4	4.2	6.9	1.2								13.7	7.1
W	2.2	5.3	6.1	1.1								14.6	6.5
WNW	1.4	1.1	.5									3.0	4.0
NW	1.7	1.2	.7									3.6	4.0
NNW	1.6	1.6	.4									3.5	4.0
VARBL			.4		.1							.5	11.8
CALM												23.1	
	18.5	32.4	22.9	3.0	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 0100	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.5	1.2	.1								6.7	4.4
NNE	1.3	1.1	.4									2.7	3.7
NE	.8	.6	.1									1.6	3.7
ENE	2.2	3.0	1.1									6.2	4.5
E	2.9	3.2	1.9	.1								8.1	4.9
ESE	.2	.1										.4	3.3
SE	.2	.1										.4	3.3
SSE	.6											.6	2.4
S	.5	1.0	.5									1.9	5.1
SSW	.4	1.1	1.6	.7								3.7	7.7
SW	1.3	2.7	4.5	.6								9.2	6.7
WSW	1.3	4.5	7.3	1.4								14.6	7.3
W	1.7	4.2	5.9	1.3								13.0	6.9
WNW	1.7	1.6	.6	.4								4.2	5.0
NW	2.3	1.1	.5									3.8	3.5
NNW	.8	.7	.1									1.7	3.6
VARBL				.1								.1	12.0
CALM												21.1	
	21.0	27.5	25.6	4.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

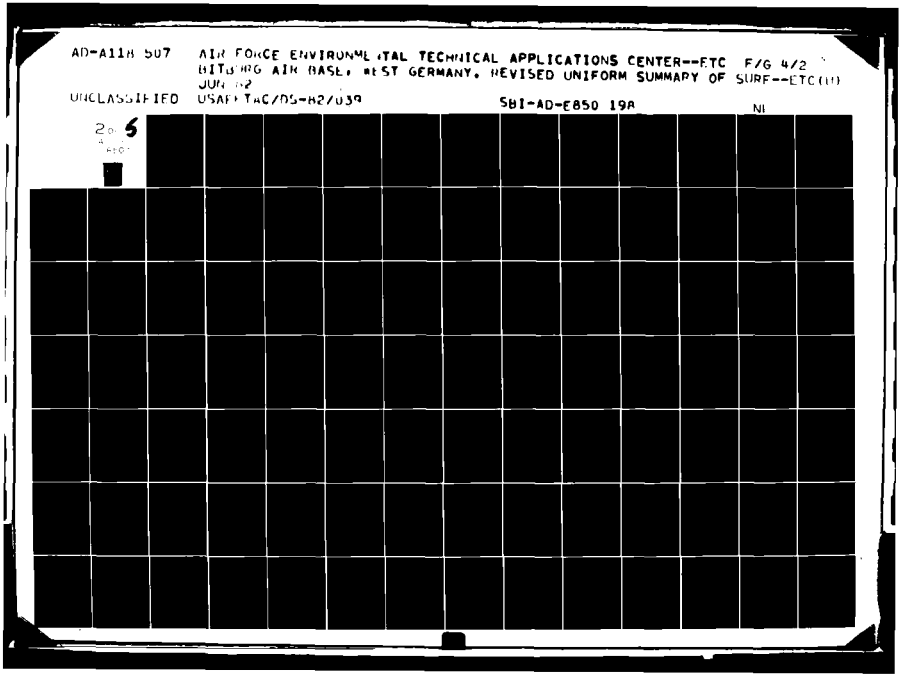
1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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	1.8	1.1	.1								5.1	4.8
NNE	.8	1.2	1.0	.1								3.1	5.5
NE	.7	.4	.5									1.6	4.5
ENE	.7	2.0	1.2	.1								4.1	5.6
E	2.5	5.9	2.6	.1								11.1	5.2
ESE	.8	.4										1.2	3.3
SE	.5	.2	.1									.8	3.7
SSE	.7	.6										1.3	3.3
S	.5	.3	.5									1.8	4.9
SSW	.6	1.1	.8	.7								3.2	7.3
SW	.7	2.0	4.8	1.8								9.3	8.2
WSW	.5	3.3	7.8	4.8	.2							16.6	9.1
W	1.7	5.0	7.4	3.2								17.3	7.7
WNW	1.4	1.8	1.2	.5								4.9	5.9
NW	1.6	1.4	1.1	.2								4.3	5.4
NNW	1.1	1.4	.8									3.3	4.9
VARBL		.1	2.5	.7								3.3	9.3
CALM												7.5	
	17.0	29.5	33.3	12.4	.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837


AD-A118 507
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BITBURG AIR BASE, WEST GERMANY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82
UNCLASSIFIED
USAFETAC/DS-82/039
SBI-AD-E850 198
NL
2 of 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	1.0	.2								5.1	5.4
NNE	1.0	2.5	.5	.2								4.2	5.0
NE	.4	1.0	.2	.1								1.7	5.2
ENE	.7	1.4	.5									2.6	4.6
E	1.2	1.3	1.3	.1								3.9	5.5
ESE	.5	1.1	.1									1.7	4.6
SE	.1	.6	.2									1.0	6.0
SSE	.4	1.1										1.4	4.3
S	.5	1.0	.4	.4								2.2	5.9
SSW	.6	2.2	1.4	1.3								5.5	7.8
SW	.4	2.2	3.7	2.0	.4							8.6	9.1
WSW	.7	2.2	6.8	6.7	.5							16.9	10.4
W	1.3	3.5	7.7	5.3	.1	.1						17.9	9.0
WNW	.8	1.0	2.0	.7								4.5	7.3
NW	1.0	1.1	.8	.4								3.2	5.9
NNW	1.2	1.2	1.8									4.2	5.4
VARBL		1.4	7.8	2.8								12.0	9.1
CALM												3.3	
	12.3	26.8	36.2	20.2	1.0	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	1.6	1.8	1.8	.2	.1							5.5	5.8
NNE	1.0	2.2	1.3									4.4	5.4
NE	.7	.7	.7	.1								2.3	5.4
ENE	1.1	1.0	.5									2.5	4.7
E	1.8	1.9	.8	.2								4.8	4.8
ESE	.6	.6	.2									1.4	4.5
SE	.4	.4	.2									1.0	4.9
SSE	.4	.6	.1									1.1	4.3
S	.5	1.2	.7	.1								2.5	5.7
SSW	.7	1.0	1.2	.8	.2							3.9	8.2
SW	1.4	1.2	2.7	3.0	.1							8.5	8.7
WSW	.5	1.4	5.6	8.1	.4							16.0	10.6
W	1.6	2.9	7.6	6.2	.7	.1						19.1	9.6
WNW	.6	1.8	2.9	1.3		.2						6.8	8.5
NW	.2	.6	1.7	.7								3.2	8.0
NNW	.7	1.3	2.0	.2								4.3	6.5
VARBL		.7	6.0	2.7	.4							9.8	10.0
CALM												2.9	
	13.6	21.1	36.2	23.9	1.9	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 837

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6100 — STATION
BITBURG 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	2.9	2.3	2.7	.6								8.5	5.8
NNE	.8	2.6	1.4	.1								5.0	5.6
NE	.5	1.3	.8									2.6	5.3
ENE	1.3	2.0	.1									3.5	4.2
E	1.6	2.2	.8	.2								4.8	5.0
ESE	.8	.8	.1									1.8	3.7
SE	1.1	.2										1.3	3.1
SSE	.5	.2										.7	2.7
S	1.1	.6	.6	.1								2.4	4.7
SSW	.4	1.2	.7	.5								2.7	7.0
SW	.7	2.3	2.5	2.3								7.8	8.2
WSW	.8	2.4	4.7	6.2								14.1	9.5
W	.4	3.8	9.9	4.2								18.3	8.7
WNW	.4	2.4	4.1	1.0	.2	.1						8.1	8.4
NW	.6	1.0	2.2	.7								4.4	7.6
NNW	.4	1.6	3.1	.8								5.9	7.5
VARBL			3.0	1.4	.2	.1						4.8	10.9
CALM												3.3	
	14.1	26.9	36.8	18.2	.5	.2						100.0	7.3

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)

16100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUL (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	2.6	3.4	1.4									7.4	4.6
NNE	2.2	2.8	1.1									6.0	4.6
NE	1.3	1.8	.2									3.4	4.1
ENE	1.7	2.5	.6									4.8	4.1
E	3.5	2.0	.2									5.7	3.3
ESE	.6	.5	.1									1.2	3.7
SE	1.0	.2										1.2	2.9
SSE	.4	.1										.5	2.5
S	.8	1.1	.2									2.2	4.3
SSW	.8	1.6	1.1	.5								4.0	6.3
SW	1.3	2.9	3.8	1.1								9.1	7.1
WSW	.4	5.5	5.9	1.6								13.3	7.3
W	2.2	6.3	4.8	1.3	.1							14.7	6.5
WNW	.5	2.2	1.3	.2								4.2	6.1
NW	1.1	1.9	1.6	.4								4.9	6.0
NNW	2.3	1.9	.8	.4								5.4	4.6
VARBL				.2	.1							.4	15.0
CALM												11.7	
	22.5	36.6	23.2	5.6	.2							100.0	5.0

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 6100 (STATION) BITBURG 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	2.3	2.2	1.2	.2	.0							5.9	4.8
NNE	1.2	1.9	.7	.1								3.9	4.8
NE	.8	1.0	.3	.0								2.2	4.4
ENE	1.6	2.3	.6	.0								4.5	4.4
E	2.0	3.4	1.1	.1								6.7	4.7
ESE	.5	.5	.1									1.1	3.9
SE	.4	.3	.1									.8	3.9
SSE	.4	.4	.0									.8	3.5
S	.7	.8	.4	.1								2.0	4.8
SSW	.6	1.4	1.2	.6	.0							3.9	7.2
SW	.9	2.4	3.8	1.5	.1							8.7	7.7
WSW	.8	3.6	6.4	3.9	.1							14.8	8.7
W	1.7	4.6	6.8	3.0	.1	.0						16.3	7.8
WNW	1.0	1.7	1.7	.5	.0	.0						4.9	6.7
NW	1.3	1.2	1.1	.3								4.0	5.5
NNW	1.3	1.3	1.2	.2								4.1	5.3
VARBL		.3	2.5	1.0	.1	.0						3.9	9.8
CALM												11.6	
	17.7	29.2	29.4	11.5	.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6690

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 6100 (STATION) BITBURG AB DL (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	2.5	3.3	.4									6.3	3.9
NNE	2.1	2.7	.3									5.1	3.9
NE	1.3	2.5										3.9	3.8
ENE	3.1	5.7	1.2	.1								10.2	4.5
E	4.4	8.3	1.5									14.2	4.2
ESE	.8	.7										1.5	3.4
SE	.4	.4										.8	3.3
SSE	.9	.4	.4	.1								1.9	4.9
S	.8	1.1	.3									2.1	4.3
SSW	.5	2.0	.8	.1								3.5	5.4
SW	.1	2.4	2.5	.8								5.9	7.5
WSW	1.1	1.6	2.5	1.3								6.6	7.6
W	2.8	2.8	2.5									8.2	4.8
WNW	2.7	.8	.1									3.6	2.9
NW	1.6	1.7	.4									3.7	3.9
NNW	1.3	.8	.7									2.8	4.4
VARBL			.1									.1	8.0
CALM												19.8	
	26.6	37.3	13.8	2.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 748

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]100 (STATION) BITBURG AB OL (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	2.6	2.1	.1									4.9	3.5
NNE	1.6	2.8	.3									4.7	3.9
NE	1.9	1.8	.3									3.9	3.5
ENE	3.5	4.4	2.4									10.3	4.6
E	2.1	4.8	2.0									8.9	5.0
ESE	.4	.5										.9	3.3
SE	.3											.3	1.5
SSE	.3	.1	.1									.5	3.5
S	1.1	1.0	.5									2.6	4.2
SSW	.5	1.4	1.8	.1								3.8	6.1
SW	.9	1.9	1.4	.5								4.7	6.3
WSW	1.1	2.6	2.8	1.4								7.9	7.0
W	1.4	2.5	1.4	.6								5.9	5.7
WNW	1.5	1.5	.3									3.3	3.8
NW	2.1	1.4	.9									4.4	4.2
NNW	2.4	1.3										3.7	3.1
VARBL			.1									.1	8.0
CALM												29.2	
	23.8	30.1	19.2	2.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 794

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)

16130 (STATION) BITBURG 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	3.9	1.7	.2	.1								6.0	3.1
NNE	2.0	2.3	.4									4.7	3.7
NE	.8	1.1	.4									2.3	4.4
ENE	3.2	4.4	2.0									9.7	4.6
E	2.2	5.5	2.6	.1								10.4	5.2
ESE	.5	.2	.1									.8	4.0
SE	.7	.1										.8	2.1
SSE	.6	.1	.1									.8	2.9
S	.6	.8	.2	.1								1.8	5.0
SSW	1.2	1.2	1.2	.2								3.8	5.9
SW	1.1	1.7	1.6	.6								4.9	6.6
WSW	1.0	2.2	2.3	1.1								6.5	7.1
W	1.7	3.5	2.4	.8								8.4	6.1
WNW	2.5	1.8	.7									5.0	3.8
NW	2.2	1.3	.1									3.6	3.0
NNW	1.8	1.2	.4									3.3	3.6
VARBL				.1								.1	14.0
CALM												27.0	
	26.0	29.1	14.7	3.2								100.0	3.6

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)

1 6100 (STATION) BITBURG 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	2.6	2.4	.8									5.9	4.3
NNE	1.2	1.4	.6									3.2	4.3
NE	.8	.7	.1									1.7	3.3
ENE	2.5	2.5	1.3	.2								6.6	4.7
E	2.8	6.2	6.6	1.0								16.5	6.2
ESE	1.0	.8	.2	.1								2.2	4.0
SE	.8	.2	.1									1.2	3.0
SSE	1.0	.5										1.4	3.3
S	.4	1.1	1.2	.4								3.0	6.8
SSW	.5	1.4	1.6	1.3								4.8	8.3
SW	1.0	3.0	1.4	1.8	.1							7.3	7.7
WSW	2.0	2.0	3.5	2.0	.1							9.7	7.6
W	2.3	2.5	3.0	1.9								9.7	6.8
WNW	1.7	1.3	.7	.2								3.9	4.6
NW	1.0	1.0	.8	.4								3.1	5.8
NNW	2.2	1.7	1.2	.1								5.1	4.7
VARBL			2.2	.7								2.9	9.3
CALM												11.8	
	23.6	28.8	25.4	10.2	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM 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)

16100 (STATION) BITBURG 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	1.0	1.2	1.8									4.0	5.8
NNE	1.1	.9	1.1									3.1	5.6
NE	.7	.6	.5									1.8	4.3
ENE	.9	2.3	1.2	.5								4.9	6.2
E	1.1	3.4	1.0	.6	.1							6.2	6.0
ESE	.7	2.1	.7	.1								3.7	5.4
SE	1.0	.9	.4	.1								2.3	4.4
SSE	1.1	.7										1.8	3.3
S	1.0	1.0	.6	.4								2.9	5.9
SSW	1.8	.9	1.1	2.1								5.9	7.8
SW	1.1	1.2	2.8	2.8	.2							8.2	9.1
WSW	1.1	2.2	3.1	3.5	.2							10.1	8.9
W	1.6	3.3	3.2	3.1	.2							11.4	8.1
WNW	1.5	1.6	1.2	.5								4.8	6.0
NW	.6	.7	1.3	.5								3.2	7.1
NNW	1.5	1.6	1.6	.1								4.8	5.4
VARBL	.1	.5	9.3	4.3								14.2	9.7
CALM												6.7	
	17.8	25.1	30.9	18.6	.9							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

10e100 (STATION) BITBURG 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	1.0	2.4	2.5									5.8	5.9
NNE	.2	.6	.9	.4								2.1	7.5
NE	.5	1.7	.5									2.7	5.1
ENE	1.0	1.5	1.0	.6								4.1	6.4
E	1.4	2.1	2.6	.7								6.8	6.7
ESE	.7	1.5	.9									3.1	5.2
SE	.4	1.1	.5									2.0	5.2
SSE	.7	1.2	.4									2.4	4.6
S	.6	2.6	1.1	.4								4.7	6.0
SSW	.6	2.2	1.0	1.6	.2							5.7	8.2
SW	.6	.9	2.7	2.4	.1							6.7	9.4
WSW	.9	2.5	2.7	3.3	.5							9.9	9.1
W	1.1	2.7	4.6	4.0	.4							12.8	8.8
WNW	1.5	1.9	1.9	1.2								6.4	7.2
NW	.5	1.1	1.7	.2								3.6	6.7
NNW	.7	.9	1.5	.4								3.5	6.7
VARBL		1.0	9.4	3.0								13.4	9.1
CALM												4.3	
	12.5	27.9	35.8	18.2	1.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible]100 (STATION) BITBURG 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	2.2	1.8	2.9	.3								7.2	5.7
NNE	.8	1.6	2.9	.5								5.7	7.0
NE	.7	.9	.7									2.2	4.8
ENE	1.6	2.3	.9	.5								5.3	5.3
E	1.0	4.8	4.4									10.3	6.2
ESE	1.3	1.6	.4									3.3	4.0
SE	.7	.5	.4									1.6	4.3
SSE	.8	.9	.1									1.8	3.9
S	.9	1.0	.8	.1								2.9	5.3
SSW	.9	1.6	1.0	1.7								5.2	7.8
SW	1.4	1.0	3.4	.9								6.8	7.1
WSW	1.3	1.7	2.9	3.1								9.0	8.5
W	2.1	5.6	5.6	3.3								16.6	7.2
WNW	1.0	1.8	2.7	.8								6.4	7.0
NW	.7	.9	1.0	.4								3.0	6.7
NNW	.8	2.5	2.2	.4								5.9	6.4
VARBL			2.3	1.0								3.4	10.0
CALM												3.5	
	18.1	30.6	34.7	13.0								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 767

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 (130 (STATION) BITBURG 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	3.6	4.9	.7									9.2	4.0
NNE	1.2	2.3	.4									3.9	4.4
NE	1.6	3.3	.3									5.2	4.3
ENE	2.1	4.1	.9	.1								7.4	4.7
E	5.3	4.9	1.1	.1								11.5	4.0
ESE	1.5	1.3	.1									2.9	3.6
SE	1.2	.8										2.0	2.9
SSE	1.6	.7	.1									2.4	3.3
S	1.1	1.6	.7									3.3	4.4
SSW	1.3	2.3	.8	.3								4.7	5.2
SW	.8	3.3	2.8	.8								7.8	6.6
WSW	.8	3.3	3.5	.9								8.6	7.2
W	2.1	4.3	2.3	.1								8.8	5.2
WNW	1.9	1.9	.4									4.1	4.1
NW	1.3	1.1	.7	.1								3.2	4.7
NNW	3.1	1.5	.5	.1								5.2	3.9
VARBL													
CALM												9.8	
	30.6	41.7	15.2	2.7								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 748

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]100 (STATION) BITBURG 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	2.4	2.5	1.2	.0								6.1	4.5
NNE	1.3	1.8	.8	.1								4.0	4.9
NE	1.0	1.6	.3									2.9	4.2
ENE	2.2	3.4	1.4	.3								7.3	4.9
E	2.5	5.0	2.8	.3	.0							10.6	5.4
ESE	.8	1.1	.3	.0								2.3	4.4
SE	.7	.5	.2	.0								1.4	3.8
SSE	.9	.6	.2	.0								1.6	3.8
S	.8	1.3	.7	.2								2.9	5.4
SSW	.9	1.6	1.2	.9	.0							4.7	7.0
SW	.9	1.9	2.3	1.3	.1							6.5	7.7
WSW	1.2	2.3	2.9	2.1	.1							8.5	8.0
W	1.9	3.4	3.1	1.7	.1							10.2	6.9
WNW	1.8	1.6	1.0	.3								4.7	5.2
NW	1.2	1.1	.9	.2								3.5	5.2
NNW	1.7	1.4	1.0	.1								4.3	4.9
VARBL	.0	.2	3.0	1.2								4.4	9.5
CALM												14.1	
	22.3	31.1	23.2	9.0	.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 6354

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 6100 (STATION) BITBURG AB DL (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	1.9	1.5										3.3	3.1
NNE	.7	1.5	.6	.1								3.0	4.8
NE	1.4	1.4	.4									3.1	4.1
ENE	1.5	3.7	.5									5.7	4.3
E	3.7	6.2	1.0									10.9	4.4
ESE	.9	1.2	.1									2.2	3.8
SE	1.0	.6										1.6	3.0
SSE	.5	.4	.2									1.1	4.4
S	1.1	2.0	1.0	.1								4.2	5.1
SSW	.7	1.1	2.1	1.4	.5	.1						5.9	9.3
SW	.6	2.0	2.2	2.2	.5	.1						7.7	9.4
WSW	.7	3.5	5.6	3.6	.1							13.5	8.7
W	2.0	3.1	2.1	1.1	.1							8.4	6.6
WNW	2.0	.6	.2	.1								3.0	3.7
NW	.6	1.0	.1									1.7	4.1
NNW	1.5	1.0										2.5	3.5
VARBL				.1								.1	16.0
CALM												22.2	
	20.7	30.6	16.2	8.8	1.2	.2						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)

106100	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.1									2.7	3.8
NNE	1.1	.7	.2									2.1	3.8
NE	1.7	.7	.2									2.7	3.2
ENE	2.2	3.3	1.9									7.4	4.7
E	3.3	5.1	1.2									9.6	4.3
ESE	1.2	1.2										2.5	3.4
SE	.7	.2										1.0	3.1
SSE	.2	1.0										1.2	4.2
S	1.5	1.4	.5	.4								3.7	4.8
SSW	.7	1.5	1.9	1.2	.1	.2						5.7	8.9
SW	.7	2.2	3.5	2.2	.2	.1						9.0	8.8
WSW	.7	3.7	4.0	3.7	.2							12.3	8.9
W	2.1	2.7	3.1	1.1								9.0	6.6
WNW	1.7	.7	.1	.1								2.7	3.7
NW	.9	.2	.1									1.2	3.1
NNW	1.1	.4										1.5	2.8
VARBL				.2								.2	15.0
CALM												25.3	
	21.5	26.4	16.8	9.0	.6	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

726100	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	1.2	.4									4.6	3.3
NNE	1.5	.9	.4									2.7	3.9
NE	.9	.7	.2									1.9	3.9
ENE	2.3	3.3	.7	.1								6.5	4.5
E	3.2	4.8	2.7									10.7	4.8
ESE	1.2	1.0	.5									2.7	4.4
SE	.5	.6										1.1	4.0
SSE	.5	.7										1.2	3.9
S	1.7	1.2	1.9		.1							4.9	5.4
SSW	.9	1.2	1.4	1.4	.2							5.1	8.2
SW	1.4	2.3	3.8	3.0	.2	.5						11.2	9.1
WSW	1.4	2.3	3.3	3.8	.5							11.4	8.8
W	.7	3.0	2.7	1.0								7.4	6.8
WNW	1.6	.6	.5									2.7	3.8
NW	1.4	.1		.1								1.6	3.3
NNW	.9	.2										1.1	2.7
VARBL				.4								.4	14.3
CALM												22.7	
	23.0	29.4	18.5	9.8	1.1	.5						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)

126100 (STATION) | BITBURG AB DL (STATION NAME) | 73-81 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	.1									2.2	4.5
NNE	.6	.7	.4									1.7	4.3
NE	.6	.7	.5	.1								2.0	5.6
ENE	2.0	1.7	2.5									6.2	5.2
E	3.6	4.7	4.3	.1								12.7	5.4
ESE	.7	.5	.4									1.6	4.8
SE	.9	.6	.1									1.6	3.3
SSE	1.2	1.2	.4									2.8	3.9
S	1.6	1.6	1.1	.7								5.1	6.1
SSW	.1	1.5	1.9	1.9	.4							5.7	10.2
SW	.6	1.7	2.8	4.6	.9	.1						10.8	10.6
WSW	1.1	3.7	4.6	5.0	1.2	.1						15.7	9.6
W	1.7	3.2	2.5	.9	.2							8.5	6.7
WNW	2.0	.5	.6	.5								3.6	4.7
NW	1.2	.4	.2	.2								2.1	4.6
NNW	.1	.1	.2									.5	6.5
VARBL			.5	.6								1.1	10.4
CALM												16.0	
	18.9	29.4	23.1	14.6	2.7	.2						100.0	6.1

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 (100 BITBURG AB DL 73-81 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	.5	.2								3.0	5.2
NNE	.5	.4	.7	.2								1.9	6.1
NE	.5	.5	.5	.1								1.6	6.3
ENE	1.0	1.9	1.6	.5								4.9	6.1
E	1.2	3.1	2.6									6.9	5.7
ESE	1.0	.7	.6									2.3	4.7
SE	.6	.5	.6	.1								1.9	5.4
SSE	.5	.9	1.4	.2								3.0	6.5
S	1.0	2.2	1.7	.4	.2							5.6	6.4
SSW	.6	1.6	2.5	3.1	.9	.1						8.8	10.6
SW	1.1	2.0	3.6	2.7	1.0	.2						10.6	9.8
WSW	1.4	3.0	3.3	6.3	1.4	.1						15.4	10.3
W	1.5	3.7	4.4	3.3	.5							13.5	8.4
WNW	1.0	1.4	1.4	.2								4.0	5.8
NW	.4	.6	.6	.5								2.1	7.5
NNW	.2	1.0	.4	.1								1.7	6.1
VARBL		.2	5.1	1.6	1.0							7.9	10.6
CALM												5.1	
	13.5	24.8	31.5	19.8	4.9	.5						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)

106100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	.5	.1								2.6	5.1
NNE	1.0	.7	1.2	.1								3.1	5.7
NE		.9	.6	.1								1.6	6.7
ENE	.5	1.7	1.0	.2								3.5	6.1
E	1.5	3.0	2.2									6.7	5.5
ESE	.7	.7	.5									2.0	4.6
SE	.5	.9	.6	.1								2.1	5.7
SSE	.7	1.7	.6									3.1	4.9
S	.6	1.6	2.3	.7	.1							5.4	7.5
SSW	.4	1.9	2.6	1.7	1.0	.1						7.7	10.0
SW	1.5	1.9	4.3	4.2	.7							12.6	9.6
WSW	1.1	2.1	4.4	6.0	1.2	.5						15.4	10.9
W	.7	4.6	3.6	4.7	.6							14.2	9.0
WNW	.2	2.2	1.6	.7								4.8	7.4
NW	1.0	1.1	1.5	.4								4.0	6.3
NNW	.5	1.0	1.5	.2								3.2	6.9
VARBL			3.3	1.7	.6	.1						5.8	11.3
CALM												2.3	
	11.9	27.0	32.5	21.2	4.3	.7						100.0	8.2

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)

106100 (STATION) BITBURG 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	1.0	2.2	.7									4.0	4.7
NNE	.1	1.7	1.0									2.8	6.0
NE	.7	1.1	.6									2.5	4.9
ENE	1.4	1.4	.6									3.3	4.7
E	2.6	4.2	1.5									8.3	4.4
ESE	1.2	1.7	.4									3.3	4.1
SE	1.1	.5	.1									1.7	3.3
SSE	.1	.9	.2	.1								1.4	5.8
S	1.0	1.9	1.7	1.0								5.6	7.0
SSW	1.5	2.5	2.8	1.0	.6	.4						8.8	8.2
SW	1.1	3.3	3.1	3.0	.6	.1						11.2	8.7
WSW	1.6	3.8	6.3	5.6	.4							17.7	8.8
W	1.1	2.3	3.0	2.1	.1	.1						8.8	8.2
WNW	.6	1.0	1.5	.9								4.0	7.4
NW	.6	1.9	1.5	.4								4.3	6.5
NNW	.9	1.6	1.4	.2								4.1	5.9
VARBL			.6	.4			.1					1.1	12.1
CALM												7.3	
	16.7	32.0	27.0	19.6	1.7	.6	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 810

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)

106100	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.5	.4									4.6	3.6
NNE	1.1	2.3	.1									3.6	3.8
NE	.6	1.5	.7									2.8	4.9
ENE	1.9	1.9	.5									4.2	4.1
E	2.8	6.3	1.6									10.7	4.6
ESE	2.0	1.5	.1									3.6	3.4
SE	1.0	1.1	.1									2.2	3.6
SSE	.9	.6	.1	.1								1.7	4.5
S	1.9	1.7	.6	.4								4.6	5.0
SSW	1.0	1.9	2.3	1.1	.5							6.8	8.2
SW	.5	3.3	4.1	2.6	.6	.1						11.2	9.1
WSW	1.1	2.8	4.6	4.6								13.1	8.8
W	2.6	3.1	3.8	.6								10.1	5.9
WNW	1.9	1.0	.5	.2								3.6	4.3
NW	.7	1.0	.1									1.9	4.5
NNW	.9	1.4	.6									2.8	4.7
VARBL				.1								.1	14.0
CALM												12.3	
	23.5	32.8	20.4	9.8	1.1	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106100	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	.3	.0								3.4	4.1
NNE	.8	1.1	.6	.1								2.6	4.8
NE	.8	.9	.5	.0								2.3	4.8
ENE	1.6	2.4	1.2	.1								5.2	4.9
E	2.7	4.7	2.1	.0								9.6	4.9
ESE	1.1	1.1	.3									2.5	4.1
SE	.8	.6	.2	.0								1.7	4.0
SSE	.6	.9	.4	.1								1.9	4.9
S	1.3	1.7	1.4	.5	.1							4.9	6.0
SSW	.7	1.6	2.2	1.6	.5	.1						6.8	9.2
SW	.9	2.3	3.4	3.1	.6	.2						10.5	9.4
WSW	1.1	3.1	4.5	4.8	.6	.1						14.3	9.4
W	1.6	3.2	3.1	1.9	.2	.0						10.0	7.4
WNW	1.4	1.0	.8	.4								3.5	5.4
NW	.8	.8	.5	.2								2.4	5.5
NNW	.8	.8	.5	.1								2.2	5.1
VARBL		.0	1.2	.6	.2	.0	.0					2.1	11.2
CALM												14.2	
	18.7	27.8	23.2	13.4	2.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6478

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 6130 (STATION) BITBURG AB OL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.1	.8									3.6	4.1
NNE	1.4	.8	.8									3.1	4.5
NE	1.0	1.7	.7									3.3	4.8
ENE	2.0	3.9	1.2	.7								7.9	5.5
E	3.5	6.9	2.9	.4								13.6	5.0
ESE	1.8	1.0	.5	.1								3.3	3.9
SE	.5	.8	.1									1.4	4.0
SSE	.8	1.2										2.0	3.8
S	1.1	1.4	.7	.8	.1							4.2	6.9
SSW	1.1	.6	1.8	1.6	.1							5.1	8.7
SW	.8	1.2	2.4	4.1	.7	.1						9.3	10.3
WSW	1.1	3.2	3.1	2.7	.4							10.5	8.3
W	1.2	3.2	4.8	1.4	.2							10.9	7.7
WNW	.7	1.8	.6	.1	.1							3.3	5.6
NW	1.0	.6	.2									1.8	4.1
NNW	.5	.2	.2									1.0	3.8
VARBL			.2									.2	9.0
CALM												15.3	
	20.1	29.7	21.1	11.9	1.7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 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]130 (STATION) EITBURG 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	1.6	2.0	.4									3.9	3.9
NNE	.4	1.3	.4									2.0	4.9
NE	1.1	1.7	.8	.1								3.7	4.8
ENE	1.6	4.4	1.0	.5								7.4	5.1
E	3.7	5.9	2.6	1.0								13.2	5.5
ESE	.5	2.0	.4									2.9	4.7
SE	.5	.7	.4									1.6	4.8
SSE	.2	.5	.2									1.0	4.6
S	1.3	1.2	1.6	.8								4.9	6.4
SSW	1.2	1.3	1.9	1.2	.6	.1						6.3	8.3
SW	1.3	1.6	2.0	2.5	.7	.2						8.4	9.4
WSW	.8	2.0	3.7	3.6	.6	.1						10.9	9.5
W	1.6	3.6	4.8	1.2	.4							11.5	7.4
WNW	.7	.5	.4	.4								1.9	6.4
NW	.7	.7	.4	.1								1.9	5.1
NNW	.6	1.2										1.8	3.9
VARBL						.1						.1	22.0
CALM												16.6	
	17.7	30.6	20.8	11.4	2.3	.6						100.0	5.6

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

2

SURFACE WINDS

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

1 c130	BITBURG AB DL	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.1	.5									3.2	3.9
NNE	1.4	.5	.2									2.2	3.5
NE	.7	.8	.2	.1								1.9	4.6
ENE	1.6	3.5	1.9	1.0								7.9	6.0
E	3.8	6.9	2.5	1.0								14.2	5.3
ESE	.7	.7	.1									1.6	3.8
SE	.7	1.0	.2									1.9	3.8
SSE	.7	.5	.5									1.7	4.7
S	1.1	1.2	1.4	.2								3.9	6.0
SSW	.7	1.8	3.1	1.9	.2							7.8	8.6
SW	1.0	2.0	2.7	1.9	.8	.2						8.7	9.3
WSW	.8	2.5	3.1	3.5	.7							10.6	9.6
W	1.7	2.4	3.0	1.9	.4	.1						9.4	8.0
WNW	1.2	1.0	.6	.1								2.9	4.8
NW	1.2	.8	.2		.1							2.4	4.4
NNW	.5	.5	.1									1.1	4.2
VARBL			.5	.1								.6	9.2
CALM												18.0	
	19.5	27.1	21.0	11.7	2.3	.4						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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 6120 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) OCT (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	1.4	.5									2.7	4.7
NNE	.7	.5	.4									1.6	4.5
NE	.5	.6	.2	.6								1.9	6.7
ENE	1.3	2.5	2.0	.8	.1							6.8	6.9
E	3.2	6.2	4.4	1.0								14.8	6.0
ESE	1.2	1.4	.4									3.0	3.8
SE	.2	.5	.2									1.0	4.9
SSE	1.0	.5	.5									1.9	4.2
S	1.7	1.3	2.3	.4								5.6	5.6
SSW	.8	1.3	3.6	2.6	.1							8.5	8.8
SW	.7	2.2	2.7	2.3	.7							8.6	9.5
WSW	1.8	1.9	3.7	3.3	1.1							11.8	9.1
W	1.1	1.7	2.9	2.2	1.1							8.8	9.4
WNW	1.4	1.4	.7	.4		.4						4.3	6.9
NW	.8	.5	.7									2.0	5.1
NNW	.7	1.0	.7	.2								2.6	5.5
VARBL			.5									.5	9.0
CALM												13.5	
	18.0	24.9	26.4	13.7	3.1	.4						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 6170 (STATION) BITBURG AB GL (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	.8	1.4	.7									3.0	4.8
NNE	1.1	1.2	.8									3.1	4.9
NE	.4	.4	.5	.2								1.4	6.3
ENE	.4	1.9	2.2	.7	.1							5.3	8.1
E	2.4	4.5	4.9	.5								12.3	6.2
ESE	1.4	.8	.7	.1								3.1	4.3
SE	1.0	1.3	.2									2.5	3.9
SSE	.7	.8	.4	.2								2.2	5.3
S	1.2	2.2	2.4	1.2								6.9	6.8
SSW	.7	1.4	2.7	2.5	.1							7.5	8.8
SW	.7	3.0	4.4	2.7	.6	.1						11.6	9.2
WSW	1.6	3.3	2.9	2.5	.4	.4						11.0	8.6
W	.4	3.3	3.7	4.3	1.0	.1						12.8	10.0
WNW	.8	1.3	1.7	1.1	.2	.1						5.3	8.6
NW	.6	.8	.4	.7								2.5	7.0
NNW	.5	.7	.7									1.9	5.9
VARBL			1.0	.7	.2	.1						2.0	12.2
CALM												5.6	
	14.6	28.6	30.2	17.6	2.6	.8						100.0	7.3

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

2

SURFACE WINDS

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

1 5100	BITBURG AB DL	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.8	.1								3.5	5.1
NNE	.4	.8	1.3	.2								2.7	6.9
NE	.1	.7	.6	.1								1.6	6.8
ENE	.7	2.6	1.3	.6								5.3	6.7
E	1.6	4.1	4.1	1.9								11.6	7.1
ESE	1.4	.8	.2									2.5	3.7
SE	1.2	1.3	.1									2.6	3.6
SSE	1.1	1.3	.6									3.0	4.4
S	1.0	3.8	2.6	1.0								8.4	6.7
SSW	.4	2.2	3.7	2.0								8.2	8.3
SW	1.3	3.1	2.9	1.8								9.1	7.4
WSW	2.0	2.6	4.4	3.0	1.0	.4						13.4	9.2
W	.8	2.2	4.7	3.0	.7	.1						11.5	9.4
WNW		.7	1.9	2.4	.2							5.3	10.8
NW	.5	1.0	1.0	.5								2.9	7.0
NNW	.4	1.0	.8									2.2	5.7
VARBL			1.1	.8		.1						2.0	11.4
CALM												4.4	
	14.0	29.5	32.1	17.4	1.9	.6						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 61J0	BITBURG AB DL	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1600-2000
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	1.0	1.7	.8									3.5	4.8
NNE	.5	1.8	1.2									3.5	5.7
NE	.8	.6	.4									1.8	4.4
ENE	.5	2.9	1.9	.5								5.7	6.5
E	2.3	8.7	3.2	.8								15.1	5.6
ESE	1.8	1.6	.2									3.6	3.5
SE	.8	1.0	.1									1.9	3.6
SSE	.6	1.4	.2									2.3	4.3
S	1.3	2.4	1.6	.5								5.7	5.7
SSW	1.1	3.1	2.9	1.2	.1							8.4	7.0
SW	1.1	2.9	2.3	1.6								7.8	7.3
WSW	.8	1.9	4.4	2.5	.5							10.2	8.9
W	.5	2.7	4.5	2.7	.2							10.8	8.9
WNW	.4	.6	3.0	.8	.1							4.9	8.5
NW	.1	1.0	.7	.1								1.9	6.8
NNW	1.1	.7	.4									2.2	3.9
VARBL			.2	.1	.1							.5	11.5
CALM												10.5	
	14.6	34.9	28.1	10.9	1.1							100.0	6.0

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)

16100 (STATION) BITBURG AB DL (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	1.8	1.6	1.4									4.8	4.6
NNE	.5	1.2	.6									2.3	5.2
NE	.5	1.4	.2									2.2	4.9
ENE	1.1	3.0	1.7	.5	.1							6.3	6.2
E	3.5	8.5	4.3	.4								16.6	5.3
ESE	1.0	1.2	.4									2.5	4.3
SE	.6	.6	.1									1.3	3.8
SSE	.8	1.1	.1									2.0	4.4
S	1.3	3.6	1.8	.8								7.5	6.1
SSW	1.1	1.4	1.3	1.7								5.5	7.8
SW	.6	1.7	2.3	3.3								7.9	9.3
WSW	.5	2.3	5.0	2.0	.2	.2						10.3	8.5
W	1.0	3.7	4.4	1.7	.2							11.0	7.7
WNW	.2	1.2	1.1	.1								2.6	6.3
NW	.5	1.0	.5	.1	.1							2.2	6.1
NNW	.5	.4	.1									1.0	4.3
VARBL			.2	.2								.5	9.8
CALM												13.6	
	15.3	33.7	25.6	10.9	.7	.2						100.0	5.7

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 6100 (STATION) BITBURG 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	1.3	1.4	.7	.0								3.5	4.5
NNE	.8	1.0	.7	.0								2.6	5.1
NE	.6	1.0	.5	.1								2.2	5.2
ENE	1.1	3.1	1.6	.7	.0							6.6	6.3
E	3.0	6.5	3.6	.9								13.9	5.7
ESE	1.2	1.2	.4	.0								2.8	4.0
SE	.7	.9	.2									1.8	3.9
SSE	.7	.9	.3	.0								2.0	4.4
S	1.2	2.1	1.8	.7	.0							5.9	6.3
SSW	.9	1.6	2.6	1.8	.2	.0						7.2	8.3
SW	.9	2.2	2.7	2.5	.4	.1						8.9	9.0
WSW	1.2	2.5	3.8	2.9	.6	.1						11.1	9.0
W	1.0	2.9	4.1	2.3	.5	.0						10.8	8.6
WNW	.7	1.1	1.2	.7	.1	.1						3.8	7.7
NW	.7	.8	.5	.2	.0							2.2	5.8
NNW	.6	.7	.4	.0								1.7	4.8
VARBL			.5	.3	.0	.0						.8	11.3
CALM												12.2	
	16.7	29.9	25.7	13.2	2.0	.4						100.0	6.2

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 6100 — STATION
BITBURG 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	.7	.6	.2	.4								2.0	5.8
NNE	.6	.7	.4									1.7	4.5
NE	.6	1.1	.2	.1								2.1	4.9
ENE	1.2	2.0	1.5	.7	.4							5.8	7.0
E	2.2	3.5	2.3	.1								8.1	5.1
ESE	.4	.2	.1									.7	4.2
SE	.4	.1										.5	3.0
SSE	.4	.2	.2									.9	4.1
S	1.4	2.1	1.0	1.4								5.8	6.7
SSW	.7	1.2	3.3	2.0	.6							7.9	9.4
SW	.7	1.7	5.7	4.7	.9	.7						14.4	10.7
WSW	1.0	3.7	5.1	6.3	1.1	.4	.2					17.8	10.4
W	1.5	2.3	5.2	3.7	.2	.2	.2					13.5	9.3
WNW	.6	2.1	.6	.7	.1	.1						4.3	7.3
NW	.4	.5	.7	.4								2.0	7.2
NNW	.4	.1	.4									.9	5.4
VARBL			.1	.1								.2	12.0
CALM												11.4	
	13.2	22.3	27.2	20.6	3.3	1.5	.5					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AUG 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)

10E100 (STATION) BITBURG 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	1.5	.9	.7	.2								3.3	5.0
NNE	.5	1.4	.4	.1								2.3	5.2
NE	.5	.4	.1									1.0	3.9
ENE	1.0	2.0	2.1	.7	.4							6.2	7.7
E	1.6	2.0	1.2	.1								4.9	5.2
ESE	.9	.5	.1									1.5	3.1
SE	.7	.4	.1									1.2	3.3
SSE		.2	.5	.2								1.0	9.3
S	1.0	1.4	.7	1.7								4.8	8.2
SSW	.2	2.1	3.3	2.0	.2	.1						8.0	9.1
SW	1.4	3.6	5.4	4.1	.7	.6						15.8	9.4
WSW	1.0	2.1	6.3	5.4	1.6							16.4	10.2
W	.7	2.8	5.9	3.0	.5	.5						13.5	9.4
WNW	1.1	.6	.9	.6	.2							3.5	7.8
NW	.7	.9	.7	.2								2.6	5.8
NNW	.7	.2	.1									1.1	3.4
VARBL			.1	.1	.1	.1						.5	16.3
CALM												12.2	
	13.6	21.4	28.9	18.7	3.8	1.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

I 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) NOV (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	2.1	.7	.5	.2								3.6	4.4
NNE	.5	.4	.7	.1								1.7	6.0
NE	.5	1.0	.6	.1								2.2	5.9
ENE	.6	1.7	1.5	.7	.1							4.7	7.6
E	1.5	2.5	.9	.6								5.4	5.7
ESE	.4	.6	.1									1.1	3.9
SE	.1	.2	.2									.6	6.0
SSE	.4	.5	1.0	.1								2.0	6.8
S	.7	1.1	1.6	.7	.4							4.6	8.2
SSW	.9	2.3	2.7	2.5	.2	.1						8.8	8.6
SW	1.2	3.3	4.7	4.3	.5	.7	.2					15.1	10.0
WSW	2.1	2.5	6.3	5.8	1.2	.2						18.1	10.0
W	1.2	2.2	4.6	3.7	.6							12.3	9.1
WNW	.9	1.9	.7	.2								3.7	5.7
NW	.2	.7	.9									1.9	6.1
NNW	.5	.4	.2	.1								1.2	5.6
VARBL			.1			.1						.2	16.0
CALM												12.7	
	13.8	22.1	27.4	19.4	3.1	1.2	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10E100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2		.5								2.5	5.5
NNE	.5	.5	.7	.1	.1							2.0	6.9
NE	.7	.4	.6	.4								2.1	6.8
ENE	1.4	1.0	1.2	1.6	.1							5.3	7.9
E	.9	3.6	.9	.5								5.8	5.5
ESE	.9											.9	1.9
SE	.2	.1		.1								.5	6.0
SSE	.2	.2	.2	.2								1.0	6.5
S	.7	.7	1.5	1.4	.4							4.7	9.1
SSW	1.7	1.6	2.8	3.1	1.2	.1						10.6	9.6
SW	1.2	3.7	5.9	3.8	1.1	.2						16.0	9.3
WSW	.7	2.7	7.3	6.9	1.0	.7	.1					19.5	10.7
W	.7	3.1	5.3	2.5	.1							11.7	8.3
WNW	.6	.4	1.0	.2								2.2	6.5
NW	.2	1.0	.4	.1	.1							1.9	6.4
NNW	.7	.2	.9	.2								2.1	6.4
VARBL			.1	.2	.1							.5	13.3
CALM												10.7	
	12.3	20.5	28.9	22.0	4.3	1.1	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

126100	BITBURG AB DL	73-81	NOV
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	.1	1.0	.7	.4								2.2	7.3
NNE	.4	.9	1.1	.4								2.7	7.0
NE	.4	.5	.6	.2								1.7	6.8
ENE	.5	.7	1.6	1.5								4.3	9.2
E	1.7	2.8	1.9	.7								7.2	6.0
ESE	.5	.4	.1									1.0	4.1
SE	.4	.2										.6	3.4
SSE	.7	.4	.2	.1								1.5	4.6
S	1.0	.6	.9	1.1	.1							3.7	7.8
SSW	.6	2.0	1.9	3.5	1.5	.5						9.9	11.4
SW	1.0	2.1	4.8	6.5	1.4	.2						16.0	10.8
WSW	.6	2.8	5.9	6.7	1.2	.4						17.7	10.5
W	.6	1.6	5.2	5.7	.6	.2						14.0	10.4
WNW	.9	.9	2.1	1.7								5.6	8.6
NW	.5	.6	1.4	.4								2.8	7.0
NNW		.2	.9	.2								1.4	8.1
VARBL			.4	.7	.1							1.2	12.6
CALM												6.5	
	9.9	17.8	29.6	29.9	4.9	1.4						100.0	8.8

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)

10E100	BITBURG AB DL	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.0	.4	.1							2.5	8.1
NNE	.2	.6	1.1	.2								2.2	7.2
NE		.4	1.6	.2								2.2	8.1
ENE	.6	.9	1.2	1.7								4.4	8.5
E	2.3	2.7	2.0	.4								7.4	5.5
ESE	.5	.2										.7	2.8
SE	.4	.1										.5	2.8
SSE	.4	.2	.6	.1								1.4	6.3
S	.9	1.7	1.5	.6	.1							4.8	6.9
SSW	.7	1.7	2.8	4.1	1.0	.1						10.5	10.4
SW	1.4	2.5	5.3	6.8	1.7	.2						17.9	10.7
WSW	1.1	1.9	4.1	6.5	.5							14.1	10.2
W	1.1	2.1	4.8	5.1	.9							14.0	9.8
WNW	.2	.6	3.5	2.0	.2	.1						6.7	10.4
NW		.1	1.2	.5								1.9	9.1
NNW	.2	.1	1.0	.5								1.9	9.0
VARBL			1.0	.2								1.2	9.8
CALM												5.8	
	10.4	16.7	32.7	29.4	4.6	.5						100.0	8.7

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)

14100	BITBURG AB DL	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7		.5								1.6	7.2
NNE	.7	2.6	1.4	.4								5.1	6.1
NE	.2	.9	.2	.1								1.5	5.9
ENE	.2	2.0	1.2	.7	.4							4.6	8.2
E	2.2	3.1	.5	.4								6.2	4.5
ESE	1.1	.5										1.6	2.8
SE	.9	.5	.2									1.6	3.9
SSE	.2	.2	.1									.6	4.4
S	.9	1.9	1.7	.6	.1							5.2	6.9
SSW	1.0	2.0	3.7	3.8	1.0	.4	.1					12.0	10.6
SW	1.4	2.2	8.4	5.3	1.2	.1						18.7	10.0
WSW	.5	2.1	5.2	4.0	.9	.1						12.7	9.9
W	.4	1.1	5.7	4.2	.2							11.6	9.9
WNW	.5	1.0	2.3	.7	.1	.1						4.8	8.4
NW	.2	.4	.2	.2	.1	.1						1.4	9.3
NNW	.1	1.0	.2	.4								1.7	6.9
VARBL			.1	.2								.4	11.3
CALM												8.8	
	11.0	22.1	31.4	21.6	4.1	.9	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 [illegible] (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) NOV (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	.4	.6	.1								1.6	6.5
NNE	1.0	1.5	.5	.4								3.3	5.6
NE	.9	2.0	.7	.1								3.7	5.4
ENE	.4	1.1	.5	1.0	.1							3.1	8.4
E	1.2	4.1	2.0	.5								7.8	5.6
ESE	.7	.4										1.1	2.6
SE	.1	.2	.2									.6	5.8
SSE	.6	.9	.1									1.6	4.0
S	.5	1.5	2.6	1.1	.2							5.9	8.6
SSW	.6	2.0	2.2	1.9	.6	.1	.1					7.5	9.6
SW	.7	2.1	7.2	5.2	1.9	.4						17.4	10.9
WSW	.9	1.6	6.4	5.4	.5	.2						15.1	10.2
W	.6	2.5	6.4	2.6	.5	.4						13.0	9.4
WNW	.7	.9	1.9	.5	.2							4.2	7.8
NW	.5	.5	.9	.5	.1							2.5	8.5
NNW	.6	.2		.1								1.0	3.9
VARBL			.2	.2								.5	11.3
CALM												10.1	
	10.6	21.7	32.5	19.6	4.2	1.1	.1					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

2

SURFACE WINDS

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

725150 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.5	.3	.0							2.4	6.0
NNE	.6	1.1	.8	.2	.0							2.6	6.1
NE	.5	.8	.6	.2								2.1	6.1
ENE	.7	1.4	1.4	1.1	.2							4.8	8.0
E	1.7	3.0	1.5	.4								6.6	5.4
ESE	.7	.4	.1									1.1	3.1
SE	.4	.2	.1	.0								.8	4.1
SSE	.4	.4	.4	.1								1.2	5.8
[illegible]	.9	1.4	1.4	1.1	.2							4.9	7.8
SSW	.8	1.9	2.9	2.8	.8	.2	.0					9.4	9.9
SW	1.1	2.7	5.9	5.1	1.2	.4	.0					16.4	10.2
WSW	1.0	2.4	5.8	5.9	1.0	.3	.0					16.4	10.3
W	.9	2.2	5.4	3.8	.5	.2	.0					12.9	9.4
WNW	.7	1.0	1.6	.8	.1	.0						4.4	8.1
NW	.4	.6	.8	.3	.0	.0						2.1	7.3
NNW	.4	.3	.5	.2								1.4	6.4
VARBL			.3	.2	.0	.0						.6	12.2
CALM												9.8	
	11.9	20.6	29.8	22.6	4.0	1.1	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 :100 (STATION) BITBURG 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	1.1	1.1	.8	.5								3.5	6.1
NNE	.2	.2	.5	.1								1.1	7.4
NE	.7	1.2	.4	.1								2.4	5.3
ENE	.7	2.7	1.7	1.1	.1							5.6	7.4
E	1.7	4.7	4.5	1.4								12.3	6.7
ESE	.7	.2	.5									1.4	4.5
SE	.1	.5	.1	.2								1.0	6.6
SSE	.2	.6	1.0	.1								1.9	6.4
S	.7	1.0	.8	.6	.1							3.2	7.0
SSW	1.0	1.2	2.6	1.9	.8							7.5	9.5
SW	1.1	2.4	4.8	3.5	1.7	.5						13.9	10.5
WSW	.8	2.2	5.9	6.7	1.6	.2						17.3	10.8
W	1.3	2.3	3.5	5.4	.6		.1					13.1	10.2
WNW	1.3		.7	1.1	.2							3.3	8.1
NW	.5	.1	.7	.1								1.4	6.2
NNW	.6	.2		.5	.1							1.4	8.1
VARBL			.2	.4	.1	.1						.8	14.3
CALM												8.7	
	12.8	19.8	28.7	23.7	5.4	.8	.1					100.0	8.1

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 61130 (STATION) BITBURG 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	1.4	.6	.C									2.9	4.4
NNE	.7	.2	.4	.5								1.8	6.5
NE	.5	1.0	.1	.4								1.9	5.7
ENE	.8	1.3	2.2	1.4								5.7	7.9
E	1.9	3.3	4.8	1.4	.1							11.6	6.9
ESE	.5	.7	.2	.1								1.6	5.3
SE	.2	.2	.2	.2								1.0	6.9
SSE	.1	.1	.4	.1								.7	7.3
S	1.2	1.2	1.0	.8	.2							4.4	7.4
SSW	.5	1.6	1.6	2.3	.4	.6						6.8	10.5
SW	1.3	3.7	4.4	4.9	1.2	.7						16.2	10.0
WSW	1.2	2.2	5.9	6.2	1.3	.5						17.2	10.7
W	.6	1.2	2.7	4.8	1.3	.1	.1					10.9	11.7
WNW	.6	.4	.4	.7	.1							2.2	7.8
NW	.2	.2	.1	1.1	.1							1.8	10.7
NNW	.4	.6	.2	.2	.1							1.6	7.4
VARBL				.2	.2	.1						.6	16.8
CALM												11.2	
	12.2	18.5	25.3	25.4	5.1	2.0	.1					100.0	8.2

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 0100	BITBURG AB DL	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.4	.1								1.6	5.4
NNE		.6	.8	.2								1.7	7.2
NE	.4	.7	.5	.5								2.0	7.3
ENE	.7	2.5	2.3	1.3								6.8	7.4
E	1.0	2.6	4.3	1.6								9.4	7.6
ESE	.7	.7										1.4	3.4
SE	.5	.4	.2									1.1	4.6
SSE	.4	.2	.1									.7	4.2
S	1.0	.7	1.1	.8	.2							3.8	7.6
SSW	.7	1.6	2.5	2.6	.7	.4						8.5	10.6
SW	1.0	3.3	4.7	3.6	1.8	.4						14.7	9.9
WSW	1.6	1.3	6.3	6.8	1.3	.8	.2					18.4	11.2
W	1.1	1.3	3.7	4.5	.7	.2						11.6	10.3
WNW	.2	.8	.2	.5								1.8	6.9
NW	.7	.4	1.1	.5								2.6	7.5
NNW	.2	.4	.5	.2								1.3	7.0
VARBL			.4	.6	.1							1.1	12.2
CALM												11.5	
	10.4	18.3	29.0	23.9	4.9	1.8	.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

2

SURFACE WINDS

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

1 [illegible]100 (STATION) BITBURG 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	.4	.5	.2									1.1	4.6
NNE	.7	.4	.8	.1								2.0	5.9
NE	.5	.5	.4	.4								1.7	6.2
ENE	.2	2.0	2.9	1.6								6.7	8.1
E	1.8	2.9	4.1	2.3								11.0	7.2
ESE	.7	.4										1.1	3.3
SE	.6	.2	.1									1.0	3.4
SSE	.1	.7	.6	.1								1.6	6.5
S	.5	1.0	1.0	1.2	.1							3.7	8.4
SSW	1.2	1.7	1.8	2.6	.6	.1						8.0	9.3
SW	.7	2.9	5.3	3.6	1.8	.6						14.8	10.6
WSW	.5	1.9	6.5	8.2	1.7	.7	.1					19.6	11.8
W	.8	1.7	3.7	4.2	.2	.4						11.0	10.1
WNW	.5	.6	.2	.4	.1	.1						1.9	8.4
NW	.6	.4	.4	.6								1.9	6.9
NNW	.4	.8	.2	.1								1.6	5.9
VARBL			.5	.7								1.2	11.4
CALM												10.3	
	10.2	18.4	28.6	26.0	4.5	1.9	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 [illegible]100 (STATION) BITBURG 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	.6	.2	.7									1.6	5.2
NNE	.2	.8	.7	.2								2.0	7.1
NE	.1		.7	.1								1.0	8.4
ENE	.5	1.4	3.1	1.7								6.7	8.5
E	1.3	3.6	4.4	2.7								12.1	7.6
ESE	.8	.5										1.3	3.3
SE	.7	.2	.6									1.6	4.5
SSE	.6	.5	.1	.1								1.3	4.5
S	1.0	.7	.5	1.0	.5							3.6	8.6
SSW	.8	1.2	1.6	1.9	.7	.1	.1					6.5	10.3
SW	.7	2.9	2.6	5.7	1.1	.2	.1					13.4	10.7
WSW	.5	2.0	6.0	9.0	2.6	.7	.1					20.9	12.0
W	1.0	.8	4.1	4.4	1.2	.7	.1					12.3	11.7
WNW	.4	.2	.6	.2	.1							1.6	7.8
NW	.5	.8	1.0	1.1								3.3	8.1
NNW	.2	.5	1.0	.2								1.9	7.1
VARBL			.1	1.2	.2							1.6	14.4
CALM												7.5	
	9.9	16.5	27.7	29.6	6.5	1.8	.5					100.0	9.1

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 :100	BITBURG AB DL	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	.7	.1								1.9	5.8
NNE	.6	.7	.7	.4								2.4	6.8
NE		1.3	.5	.5								2.3	7.0
ENE	1.0	1.3	3.2	.8								6.3	7.2
E	2.6	3.6	4.1	1.8								12.1	6.8
ESE	.1	.6	.2									1.0	5.0
SE	.2	.4	.1									.7	4.5
SSE	.2	.8	.2									1.3	5.0
S	.6	.6	1.6	.6	.2							3.6	8.0
SSW	.7	2.7	2.3	3.0	.6	.1	.1					9.6	9.6
SW	1.0	2.7	2.6	4.9	1.3	.4						12.9	10.8
WSW	1.0	2.2	3.8	7.6	1.8	.2						16.6	11.4
W	.4	1.9	4.2	4.5	1.4	.4						12.8	11.3
WNW		.2	.7	.7		.2						1.9	11.5
NW	.4	1.0	.5	.7								2.5	7.6
NNW	.5	1.2	.1	.2								2.0	5.2
VARBL			1.1	1.2	.4	.2						2.9	13.3
CALM												7.3	
	9.7	21.9	26.6	27.1	5.7	1.6	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	.5	.5								2.3	6.4
NNE	.7	.6	1.2	.4								2.9	7.4
NE	.7	.7	1.0	.4								2.7	6.1
ENE	1.4	3.0	2.5	.8								7.8	6.4
E	2.6	2.7	4.4	.8								10.6	6.2
ESE	1.0	.7	.6	.1								2.4	4.7
SE	.2	.4	.2	.1								1.0	6.1
SSE	1.0	.6	.4									1.9	4.2
S	.7	.7	.7	.6	.1							2.9	7.8
SSW	.5	1.4	2.7	2.2	.7							7.5	10.1
SW	1.1	3.2	4.7	5.5	2.3	.5						17.2	10.8
WSW	.2	2.5	5.5	4.8	1.3	.4						14.7	10.7
W	1.1	1.9	3.0	3.8	1.1	.6						11.5	11.0
WNW	.6	.5	.8	.7	.5							3.1	9.7
NW	.2	.1	.1	.4		.1						1.0	9.8
NNW	.4	.8	.1	.4								1.7	6.4
VARBL			.4	.5	.5							1.3	14.5
CALM												7.6	
	13.3	20.9	28.8	21.9	6.5	1.6						100.0	8.3

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 6130 (STATION) BITBURG 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	.1	.6	.8	.6								2.2	8.2
NNE	.8	1.1	.5	.4								2.7	6.0
NE	.5	1.2	.4	.5								2.5	6.3
ENE	1.0	2.6	2.3	.8								6.7	6.6
E	2.4	3.9	3.8	1.1								11.2	6.3
ESE	.5	1.2	.4	.1								2.2	5.3
SE	.1	.4										.5	4.3
SSE	.5	.8	.2									1.6	4.2
S	1.1	1.0	1.2	.6								3.8	6.3
SSW	.2	1.6	3.3	2.7	.6	.1						8.6	10.1
SW	.6	2.6	4.1	4.3	2.0	.4						14.0	10.8
WSW	1.1	2.6	6.1	5.5	1.3	.5						17.1	10.3
W	1.6	1.3	2.9	6.1	1.1							12.9	10.6
WNW	.5	.2	.5	.7	.2							2.2	9.6
NW	.4	.6	.5	.4								1.8	6.9
NNW	.5	.1	.2	.1								1.0	5.4
VARBL	.1		.2	.4								.7	9.7
CALM												8.5	
	11.8	21.9	27.4	24.3	5.3	1.0						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 6100 (STATION) BITBURG 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	.7	.6	.6	.2								2.1	5.8
NNE	.5	.6	.7	.3								2.1	6.7
NE	.4	.8	.5	.3								2.1	6.4
ENE	.8	2.0	2.5	1.2	.0							6.5	7.4
E	1.9	3.4	4.3	1.6	.0							11.3	6.9
ESE	.6	.6	.2	.0								1.5	4.5
SE	.3	.3	.2	.1								1.0	5.1
SSE	.4	.6	.4	.1								1.4	5.3
S	.8	.9	1.0	.8	.2							3.6	7.6
SSW	.7	1.6	2.3	2.4	.6	.2	.0					7.9	10.0
SW	.9	3.0	4.1	4.5	1.6	.4	.0					14.6	10.5
WSW	.9	2.1	5.7	6.9	1.6	.5	.1					17.7	11.1
W	1.0	1.6	3.5	4.7	1.0	.3	.0					12.0	10.9
WNW	.5	.4	.5	.6	.2	.0						2.2	8.8
NW	.4	.4	.5	.6	.0	.0						2.0	7.9
NNW	.4	.6	.3	.3	.0							1.6	6.6
VARBL	.0		.4	.6	.2	.1						1.3	13.3
CALM												9.1	
	11.3	19.5	27.8	25.2	5.5	1.6	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6100 (STATION) BITBURG 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	1.4	1.6	1.1	.2	.0							4.3	5.3
NNE	.9	1.4	1.0	.2	.0							3.6	5.7
NE	.7	1.2	.9	.4	.0							3.3	6.3
ENE	1.4	2.8	2.2	.9	.0							7.4	6.5
E	2.2	4.3	2.9	1.0	.1	.0						10.4	6.1
ESE	.8	.8	.3	.0								1.8	4.3
SE	.5	.5	.2	.0	.0							1.2	4.3
SSE	.6	.7	.3	.1	.0	.0						1.6	5.0
S	.9	1.4	1.3	.7	.1	.0						4.3	7.0
SSW	.7	1.6	2.1	1.8	.4	.1	.0					6.6	9.1
SW	.8	2.2	3.4	2.8	.6	.2	.0					10.0	9.5
WSW	.9	2.4	4.2	3.6	.6	.1	.0	.0				11.9	9.6
W	1.2	2.8	3.9	2.5	.4	.1	.0	.0				10.9	8.5
WNW	.9	1.1	1.1	.5	.1	.0						3.6	6.9
NW	.7	.9	.8	.3	.0	.0	.0					2.7	6.4
NNW	.8	.9	.8	.2	.0							2.7	5.9
VARBL	.0	.1	1.5	.8	.1	.0	.0					2.6	10.5
CALM												11.1	
	15.4	26.4	28.0	16.1	2.4	.6	.0	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 78527

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)

10 100 (STATION) BITBURG AB DL (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	.8	1.1	.8	.2								2.8	5.5
NNE	.5	.8	.8	.2	.0							2.3	6.3
NE	.4	.7	.8	.3	.0							2.2	6.7
ENE	.9	1.9	2.0	.7	.0							5.6	6.9
E	1.8	3.3	2.3	.6	.1							7.9	6.0
ESE	.7	.5	.1	.0								1.3	3.7
SE	.4	.4	.1	.0								.9	4.0
SSE	.4	.6	.3	.1	.0							1.4	5.4
S	1.0	1.2	1.4	.8	.2	.0						4.5	7.3
SSW	.8	1.7	3.1	3.3	.8	.1	.0					9.8	10.1
SW	1.0	2.8	5.3	5.5	1.4	.5	.0					16.4	10.4
WSW	.9	2.9	6.0	5.8	1.3	.3	.0					17.3	10.4
W	1.1	2.8	4.4	2.9	.4	.1	.0					11.6	8.8
WNW	.7	.6	.7	.4	.0	.0						2.5	6.7
NW	.4	.5	.6	.3	.0							1.9	7.0
NNW	.4	.4	.4	.2	.0							1.4	6.3
VARBL	.0		.2	.3	.0	.0	.0					.6	12.4
CALM												9.5	
	12.3	22.0	29.3	21.4	4.4	1.1	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 18205

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.

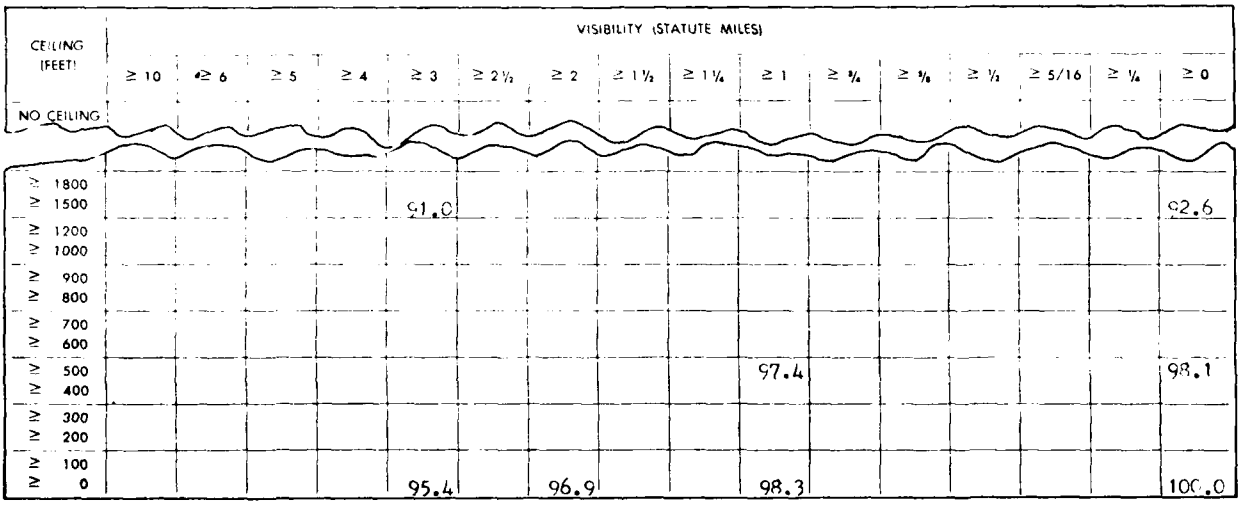
D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	BITBURG AB DL	73-81	JAN

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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.5	13.0	13.3	13.7	15.6	16.0	17.0	17.8	18.5	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 20000	11.6	14.1	14.4	14.8	17.0	17.6	18.7	19.5	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 18000	11.6	14.1	14.4	14.8	17.0	17.6	18.7	19.5	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 16000	11.6	14.1	14.4	14.8	17.0	17.6	18.7	19.5	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 14000	11.6	14.1	14.4	14.8	17.0	17.6	18.7	19.5	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 12000	11.6	14.1	14.4	14.8	17.2	17.8	18.9	19.8	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 10000	12.4	14.8	15.2	15.6	18.4	19.0	20.1	21.0	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8
≥ 9000	12.8	15.3	15.6	16.1	18.9	19.5	20.6	21.5	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3
≥ 8000	13.2	15.8	16.2	16.7	20.4	21.0	22.1	23.2	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 7000	13.7	16.2	16.7	17.3	21.0	21.6	22.7	23.8	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 6000	13.7	16.2	16.7	17.3	21.0	21.6	22.7	23.8	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 5000	14.2	17.0	17.5	18.1	21.7	22.3	23.4	24.6	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 4500	17.3	21.0	21.5	22.1	25.7	26.3	27.6	28.8	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 4000	19.5	22.5	23.4	24.2	27.9	28.5	29.9	31.2	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 3500	20.4	24.8	25.7	26.7	30.3	30.9	32.4	33.6	34.4	34.5	34.5	34.7	34.8	34.8	34.8	34.8
≥ 3000	23.0	27.9	28.8	29.8	33.8	34.5	36.0	37.2	38.1	38.2	38.2	38.3	38.4	38.4	38.4	38.4
≥ 2500	24.7	29.9	30.9	32.1	36.8	37.6	39.0	40.2	41.2	41.3	41.3	41.5	41.6	41.7	41.7	41.7
≥ 2000	29.6	35.6	36.6	37.8	43.9	45.1	46.9	48.5	49.5	49.6	49.6	49.7	49.8	49.9	49.9	49.9
≥ 1800	31.0	37.3	38.4	39.6	45.7	46.9	48.8	50.4	51.4	51.5	51.5	51.6	51.8	51.9	51.9	51.9
≥ 1500	34.9	42.3	43.6	44.8	51.0	52.6	54.8	56.6	57.6	57.7	57.8	57.9	58.1	58.2	58.2	58.2
≥ 1200	39.9	47.9	49.3	50.9	57.8	59.4	61.6	63.4	64.5	64.6	64.7	64.8	65.0	65.1	65.1	65.1
≥ 1000	41.7	50.2	52.0	53.6	61.3	62.9	65.5	67.4	68.7	68.8	69.0	69.1	69.2	69.3	69.3	69.3
≥ 900	42.1	50.7	53.1	54.7	62.4	64.0	66.5	68.5	69.8	69.9	70.1	70.2	70.3	70.4	70.4	70.4
≥ 800	43.6	52.8	56.1	58.7	67.8	69.6	72.5	74.4	75.8	75.9	76.0	76.1	76.2	76.4	76.4	76.4
≥ 700	44.4	53.8	57.6	60.6	70.9	72.7	75.6	77.6	79.0	79.3	79.4	79.5	79.6	79.8	79.8	79.8
≥ 600	44.6	54.3	58.2	61.3	72.1	73.9	77.3	79.3	81.0	81.2	81.3	81.5	81.6	81.7	81.7	81.7
≥ 500	45.0	54.9	58.9	62.3	73.8	75.8	79.5	82.7	84.6	85.5	85.6	85.7	85.8	86.1	86.1	86.1
≥ 400	45.0	54.9	58.9	62.4	75.2	77.3	81.2	84.5	86.7	87.5	87.6	87.8	88.0	88.2	88.2	88.6
≥ 300	45.0	55.0	59.0	62.5	75.8	78.2	82.2	85.6	88.0	89.2	89.3	89.6	89.9	90.5	90.5	90.9
≥ 200	45.0	55.0	59.0	62.5	75.8	78.3	82.7	86.8	89.6	90.9	91.0	91.5	92.0	93.9	94.4	95.0
≥ 100	45.0	55.0	59.0	62.5	75.8	78.3	82.7	86.8	89.6	90.9	91.0	91.6	92.4	94.9	97.0	99.4
≥ 0	45.0	55.0	59.0	62.5	75.8	78.3	82.7	86.8	89.6	91.0	91.2	91.8	92.5	95.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13 100	PITTSBURG AB OL	73-81	JAN
STATION	STATION NAME	YEARS	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	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	10.1	12.3	12.6	12.7	15.0	15.3	16.1	16.7	17.4	17.5	17.5	17.7	17.7	17.9	18.3	18.5
≥ 20000	11.1	13.2	13.6	13.8	16.9	17.3	18.4	19.1	19.8	20.0	20.0	20.1	20.1	20.3	20.7	20.9
≥ 18000	11.1	13.2	13.6	13.8	16.9	17.3	18.4	19.1	19.8	20.0	20.0	20.1	20.1	20.3	20.7	20.9
≥ 16000	11.1	13.2	13.6	13.8	16.9	17.3	18.4	19.1	19.8	20.0	20.0	20.1	20.1	20.3	20.7	20.9
≥ 14000	11.1	13.2	13.6	13.8	16.9	17.3	18.4	19.1	19.8	20.0	20.0	20.1	20.1	20.3	20.7	20.9
≥ 12000	11.2	13.3	13.7	13.9	17.3	17.7	18.8	19.5	20.2	20.3	20.3	20.4	20.4	20.7	21.0	21.3
≥ 10000	11.3	13.5	13.8	14.1	17.5	18.0	19.1	19.8	20.6	20.7	20.7	20.8	20.8	21.0	21.4	21.6
≥ 9000	11.8	13.9	14.3	14.5	18.0	18.5	19.6	20.3	21.0	21.2	21.2	21.3	21.3	21.5	21.9	22.1
≥ 8000	12.1	14.4	14.9	15.1	18.6	19.1	20.3	21.0	21.8	21.9	21.9	22.0	22.0	22.2	22.6	22.8
≥ 7000	12.5	14.8	15.3	15.5	19.0	19.5	20.7	21.4	22.1	22.2	22.2	22.4	22.4	22.6	23.0	23.2
≥ 6000	12.5	14.8	15.3	15.5	19.0	19.5	20.7	21.4	22.1	22.2	22.2	22.4	22.4	22.6	23.0	23.2
≥ 5000	13.2	15.5	16.0	16.2	19.7	20.2	21.4	22.1	22.8	23.0	23.0	23.1	23.1	23.3	23.7	23.9
≥ 4500	16.3	19.0	19.5	19.7	23.2	23.8	25.0	25.7	26.6	26.7	26.7	26.8	26.8	27.0	27.4	27.6
≥ 4000	17.8	21.0	21.5	21.8	25.7	26.3	27.5	28.4	29.2	29.3	29.3	29.4	29.4	29.7	30.0	30.3
≥ 3500	18.8	22.5	23.0	23.2	27.5	28.1	29.3	30.2	31.0	31.1	31.1	31.3	31.3	31.5	31.9	32.1
≥ 3000	20.4	24.5	25.0	25.5	30.4	31.3	32.5	33.4	34.3	34.4	34.4	34.5	34.5	34.7	35.1	35.3
≥ 2500	22.0	26.3	26.9	27.6	32.8	33.7	34.9	35.8	36.7	36.8	36.8	36.9	36.9	37.1	37.5	37.7
≥ 2000	25.6	31.3	32.1	33.1	38.6	39.5	41.0	42.1	43.0	43.1	43.1	43.3	43.3	43.5	43.9	44.1
≥ 1800	26.7	32.3	33.2	34.3	39.9	40.9	42.3	43.4	44.5	44.6	44.6	44.7	44.7	45.0	45.3	45.6
≥ 1500	30.3	36.5	37.5	38.7	45.1	46.0	47.8	48.9	50.0	50.1	50.1	50.2	50.2	50.5	50.8	51.1
≥ 1200	35.1	41.7	43.1	44.6	51.2	52.2	54.1	55.4	56.5	56.6	56.6	56.7	56.7	57.0	57.3	57.6
≥ 1000	37.7	45.9	47.8	49.9	57.6	58.5	60.7	62.3	63.6	63.7	63.7	63.8	63.8	64.1	64.4	64.7
≥ 900	38.1	46.4	48.6	50.6	58.4	59.4	61.5	63.1	64.4	64.5	64.5	64.7	64.7	64.9	65.3	65.5
≥ 800	39.5	48.2	50.5	53.0	62.3	63.7	66.7	68.4	69.8	70.1	70.1	70.2	70.2	70.4	70.8	71.0
≥ 700	40.5	49.6	52.4	55.4	65.6	67.2	70.4	72.5	74.2	74.5	74.5	74.6	74.6	74.9	75.2	75.5
≥ 600	41.5	51.0	53.7	56.7	67.7	69.4	72.6	74.8	76.6	76.9	76.9	77.0	77.0	77.3	77.6	77.9
≥ 500	41.6	51.4	54.2	57.6	69.7	71.6	75.6	78.2	80.9	81.4	81.5	81.6	81.6	81.9	82.2	82.5
≥ 400	41.7	51.6	54.3	57.8	70.8	72.7	77.6	80.9	83.7	84.5	84.6	84.9	84.9	85.1	85.5	86.1
≥ 300	41.7	51.8	54.8	58.8	72.1	74.3	79.6	83.7	87.3	88.2	88.7	88.9	89.1	89.7	90.0	90.6
≥ 200	41.7	51.8	54.8	58.8	72.2	74.5	80.3	84.6	89.1	90.4	90.9	91.1	91.5	93.1	93.8	94.6
≥ 100	41.7	51.8	54.8	58.8	72.2	74.5	80.3	84.6	89.2	90.6	91.3	91.7	92.7	95.2	97.0	99.3
≥ 0	41.7	51.8	54.8	58.8	72.2	74.5	80.3	84.6	89.2	90.6	91.3	91.7	92.7	95.2	97.0	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
USAETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 10 — STATION
BITBURG AB GL — STATION NAME
73-81 — YEARS
JAN — MONTH
0600-0800 — HOURS (L.S.T.)

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	9.1	10.7	11.5	11.7	13.6	13.7	14.3	15.1	16.0	16.0	16.0	16.1	16.1	16.2	16.6	16.6
≥ 20000	10.5	12.0	12.9	13.1	15.5	15.7	16.5	17.3	18.1	18.1	18.1	18.3	18.3	18.4	18.8	18.8
≥ 18000	10.5	12.0	12.9	13.1	15.5	15.7	16.5	17.3	18.1	18.1	18.1	18.3	18.3	18.4	18.8	18.8
≥ 16000	10.5	12.0	12.9	13.1	15.5	15.7	16.5	17.3	18.1	18.1	18.1	18.3	18.3	18.4	18.8	18.8
≥ 14000	10.5	12.0	12.9	13.1	15.5	15.7	16.5	17.3	18.1	18.1	18.1	18.3	18.3	18.4	18.8	18.8
≥ 12000	10.7	12.3	13.1	13.3	16.0	16.2	16.9	17.8	18.6	18.6	18.6	18.8	18.8	18.9	19.2	19.2
≥ 11000	11.2	12.9	13.7	13.9	16.7	16.9	17.7	18.5	19.4	19.4	19.4	19.5	19.5	19.6	20.0	20.0
≥ 9900	11.2	12.9	13.7	14.1	17.2	17.4	18.1	19.0	19.8	19.8	19.8	20.0	20.0	20.1	20.4	20.4
≥ 8000	11.7	13.3	14.2	14.5	17.9	18.1	19.0	19.8	20.7	20.7	20.7	20.8	20.8	20.9	21.3	21.3
≥ 7000	12.0	13.7	14.5	14.9	18.3	18.5	19.4	20.2	21.0	21.0	21.0	21.2	21.2	21.3	21.6	21.6
≥ 6000	12.5	14.2	15.0	15.4	18.8	19.0	19.8	20.7	21.5	21.5	21.5	21.6	21.6	21.8	22.1	22.1
≥ 5000	12.9	14.7	15.9	16.2	19.7	20.0	20.8	21.9	22.7	22.7	22.7	22.8	22.8	23.0	23.3	23.3
≥ 4500	14.1	16.2	17.4	17.8	21.3	21.5	22.4	23.4	24.3	24.3	24.3	24.4	24.4	24.5	24.9	24.9
≥ 4000	15.4	17.8	19.2	19.8	23.6	23.8	24.6	25.7	26.6	26.6	26.6	26.7	26.7	26.8	27.2	27.2
≥ 3500	16.6	19.4	20.9	21.5	25.2	25.5	26.3	27.4	28.2	28.2	28.2	28.4	28.4	28.5	28.8	28.8
≥ 3000	19.6	22.4	24.0	24.8	29.1	29.3	30.2	31.3	32.1	32.1	32.1	32.2	32.2	32.3	32.7	32.7
≥ 2500	22.4	25.4	27.2	28.0	32.5	32.7	33.5	34.6	35.5	35.5	35.5	35.6	35.6	35.7	36.1	36.1
≥ 2000	26.4	30.0	32.1	32.9	37.5	37.7	38.7	39.8	40.6	40.6	40.6	40.7	40.7	40.9	41.2	41.2
≥ 1800	27.2	30.8	32.9	33.8	38.3	38.7	39.7	40.7	41.6	41.6	41.6	41.7	41.7	41.8	42.2	42.2
≥ 1500	31.6	36.1	38.3	39.7	44.5	44.8	46.2	47.5	48.6	48.6	48.6	48.7	48.7	48.8	49.2	49.2
≥ 1200	36.1	41.5	44.2	45.8	51.3	51.7	53.6	55.0	56.1	56.1	56.1	56.3	56.3	56.4	56.7	56.7
≥ 1000	38.2	44.6	47.7	50.0	56.3	56.6	59.1	60.6	61.7	61.8	61.8	61.9	61.9	62.0	62.4	62.4
≥ 900	38.3	45.0	48.2	50.7	57.1	57.6	60.1	61.7	62.9	63.0	63.0	63.1	63.1	63.2	63.6	63.6
≥ 800	39.7	46.8	50.4	53.5	60.3	60.8	63.3	65.0	66.5	66.9	66.9	67.1	67.1	67.2	67.5	67.5
≥ 700	41.3	49.2	52.9	56.5	64.3	64.9	67.8	70.0	71.8	72.4	72.4	72.5	72.5	72.6	73.0	73.0
≥ 600	41.8	50.1	53.8	57.6	66.7	67.4	70.3	72.6	74.4	75.0	75.1	75.2	75.2	75.4	75.7	75.7
≥ 500	41.8	51.6	55.4	59.6	70.3	71.3	74.8	77.4	79.8	80.6	80.8	80.9	80.9	81.0	81.5	81.5
≥ 400	41.9	52.2	56.0	60.3	71.6	72.8	76.4	79.6	82.6	83.9	84.0	84.1	84.1	84.3	85.0	85.1
≥ 300	42.1	52.3	56.1	60.8	73.2	74.9	79.2	83.1	86.8	88.2	88.3	88.9	89.3	89.8	90.5	91.0
≥ 200	42.1	52.3	56.1	60.8	73.7	75.5	80.0	84.0	88.8	90.6	90.7	91.5	92.1	93.0	94.1	95.1
≥ 100	42.1	52.3	56.1	60.8	73.7	75.5	80.0	84.0	88.8	90.9	91.0	91.7	92.4	94.0	96.4	99.3
≥ 0	42.1	52.3	56.1	60.8	73.7	75.5	80.0	84.0	88.8	90.9	91.0	91.7	92.4	94.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 832

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

1100	BITBURG AB DL	73-81	JAN
STATION	STATION NAME	YEARS	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	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.7	7.8	9.2	9.3	10.4	10.4	11.2	11.4	11.5	11.9	12.1	12.1	12.1	12.2	12.3	12.4
≥ 20000	7.3	9.8	11.2	11.4	12.4	12.5	13.4	13.9	14.0	14.5	14.6	14.6	14.6	14.8	15.1	15.2
≥ 18000	7.3	9.9	11.4	11.5	12.5	12.7	13.5	14.0	14.1	14.6	14.7	14.7	14.7	14.9	15.2	15.3
≥ 16000	7.3	9.9	11.4	11.5	12.5	12.7	13.5	14.0	14.1	14.6	14.7	14.7	14.7	14.9	15.2	15.3
≥ 14000	7.3	9.9	11.4	11.5	12.5	12.7	13.5	14.0	14.1	14.6	14.7	14.7	14.7	14.9	15.2	15.3
≥ 12000	7.3	9.9	11.4	11.5	12.8	12.9	13.7	14.2	14.3	14.8	14.9	14.9	14.9	15.2	15.4	15.5
≥ 10000	7.6	10.3	11.8	11.9	13.4	13.6	14.6	15.2	15.3	15.8	15.9	15.9	15.9	16.1	16.4	16.5
≥ 9000	7.8	10.5	12.1	12.4	14.0	14.2	15.3	16.0	16.2	16.7	16.8	16.8	16.8	17.1	17.3	17.6
≥ 8000	8.6	11.6	13.5	13.9	15.8	16.1	17.2	17.9	18.2	18.6	18.9	18.9	18.9	19.1	19.4	19.6
≥ 7000	8.6	11.7	13.6	14.0	15.9	16.2	17.3	18.0	18.3	18.8	19.0	19.0	19.0	19.2	19.5	19.7
≥ 6000	9.7	12.5	14.5	14.8	16.7	17.1	18.2	18.9	19.1	19.6	19.8	19.8	19.8	20.1	20.3	20.5
≥ 5000	9.7	13.0	14.9	15.3	17.4	17.8	19.2	20.0	20.2	20.7	20.9	20.9	20.9	21.1	21.5	21.7
≥ 4500	10.8	14.3	16.2	16.7	19.0	19.4	20.8	21.5	21.7	22.2	22.5	22.5	22.5	22.7	23.1	23.3
≥ 4000	11.7	15.5	17.6	18.0	20.3	20.8	22.3	23.2	23.4	23.9	24.1	24.1	24.1	24.4	24.7	25.0
≥ 3500	12.8	16.6	19.1	19.7	22.3	22.9	24.5	25.3	25.7	26.2	26.4	26.4	26.4	26.6	27.0	27.2
≥ 3000	14.2	18.6	21.3	22.0	24.6	25.2	26.9	27.7	28.2	28.7	28.9	28.9	29.0	29.3	29.6	29.9
≥ 2500	17.6	22.7	25.6	26.5	29.3	30.0	31.9	32.7	33.2	33.7	33.9	33.9	34.1	34.3	34.6	34.9
≥ 2000	21.6	27.6	30.5	31.7	34.8	35.6	37.5	38.5	38.9	39.4	39.7	39.7	39.8	40.0	40.4	40.6
≥ 1800	22.9	29.3	32.1	33.3	36.4	37.3	39.3	40.3	40.7	41.2	41.5	41.5	41.6	41.8	42.2	42.4
≥ 1500	27.2	34.5	37.9	39.1	43.1	44.1	46.2	47.4	48.1	48.9	49.1	49.2	49.3	49.6	49.9	50.2
≥ 1200	29.9	37.8	41.6	43.2	47.7	48.6	51.0	52.6	53.3	54.0	54.2	54.4	54.5	54.7	55.1	55.3
≥ 1000	32.3	40.6	44.6	46.6	51.9	52.9	55.4	57.2	57.9	58.8	59.0	59.1	59.3	59.5	59.9	60.1
≥ 900	32.5	41.2	45.2	47.2	52.6	53.8	56.4	58.3	59.0	59.9	60.1	60.2	60.3	60.6	60.9	61.2
≥ 800	34.3	44.1	48.6	50.8	56.9	58.3	61.4	63.3	64.3	65.2	65.5	65.6	65.7	65.9	66.3	66.5
≥ 700	35.4	46.2	51.3	54.0	60.8	62.4	66.1	68.0	69.2	70.3	70.5	70.6	70.7	71.0	71.3	71.6
≥ 600	36.1	47.3	52.3	55.4	62.5	64.0	67.9	69.9	71.2	72.5	72.8	72.9	73.0	73.4	73.7	74.0
≥ 500	36.3	48.0	53.0	56.8	64.4	65.9	70.5	73.0	74.6	76.5	76.9	77.1	77.2	77.7	78.0	78.5
≥ 400	36.3	48.1	53.5	57.5	66.3	68.5	73.8	76.7	78.6	80.9	81.4	81.7	82.0	82.7	83.0	83.8
≥ 300	36.4	48.3	53.6	57.7	66.7	68.9	74.7	78.0	80.2	83.8	84.6	85.1	85.4	87.1	87.8	89.0
≥ 200	36.6	48.4	53.8	57.8	66.9	69.2	75.3	78.6	81.1	85.2	86.1	87.0	87.7	90.0	91.8	93.8
≥ 100	36.6	48.4	53.8	57.8	66.9	69.2	75.3	78.7	81.2	85.4	86.6	87.9	88.8	92.2	95.0	99.9
≥ 0	36.6	48.4	53.8	57.8	66.9	69.2	75.3	78.7	81.2	85.4	86.6	87.9	88.8	92.2	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

100	BITBURG AB DL	73-81	JAN
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	8.7	10.2	11.1	12.1	14.3	14.3	14.5	15.0	15.3	15.8	15.8	15.9	15.9	15.9	15.9	16.2
≥ 20000	10.7	13.4	14.4	15.3	17.6	17.7	18.0	18.6	18.9	19.4	19.4	19.5	19.5	19.5	19.5	19.8
≥ 18000	10.9	13.7	14.7	15.9	18.2	18.3	18.6	19.2	19.5	20.0	20.0	20.1	20.1	20.1	20.1	20.4
≥ 16000	10.9	13.7	14.7	15.9	18.2	18.3	18.6	19.2	19.5	20.0	20.0	20.1	20.1	20.1	20.1	20.4
≥ 14000	10.9	13.7	14.7	15.9	18.2	18.3	18.6	19.2	19.5	20.0	20.0	20.1	20.1	20.1	20.1	20.4
≥ 12000	10.9	13.7	14.9	16.0	18.3	18.4	18.7	19.3	19.6	20.1	20.1	20.2	20.2	20.2	20.2	20.5
≥ 10000	11.4	14.3	15.4	16.6	18.9	19.0	19.6	20.2	20.6	21.1	21.1	21.2	21.2	21.2	21.2	21.4
≥ 9000	11.4	14.3	15.4	16.6	19.2	19.3	20.0	20.6	21.0	21.4	21.4	21.6	21.6	21.6	21.6	21.9
≥ 8000	11.7	15.1	16.3	17.6	20.4	20.5	21.2	21.8	22.2	22.8	22.8	22.9	22.9	22.9	22.9	23.2
≥ 7000	11.9	15.2	16.4	18.1	21.0	21.1	21.9	22.5	23.1	23.7	23.7	23.8	23.8	23.8	23.8	24.2
≥ 6000	12.0	15.6	16.8	18.6	21.4	21.6	22.4	23.0	23.6	24.2	24.2	24.3	24.3	24.3	24.3	24.7
≥ 5000	12.5	16.0	17.2	19.0	22.2	22.3	23.1	23.7	24.3	24.9	24.9	25.0	25.0	25.0	25.0	25.5
≥ 4500	13.2	16.8	18.0	20.0	23.1	23.2	24.2	24.8	25.4	26.0	26.0	26.1	26.1	26.1	26.1	26.6
≥ 4000	14.5	18.2	19.4	21.4	24.7	24.8	25.7	26.3	26.9	27.5	27.5	27.7	27.7	27.7	27.7	28.1
≥ 3500	15.4	19.2	20.5	22.5	26.5	26.6	27.5	28.1	28.7	29.3	29.3	29.5	29.5	29.5	29.5	29.9
≥ 3000	17.4	21.2	22.9	24.9	29.1	29.2	30.3	30.9	31.5	32.1	32.1	32.2	32.2	32.2	32.2	32.7
≥ 2500	19.8	23.8	26.0	28.1	32.5	32.6	33.8	34.4	35.0	35.6	35.6	35.7	35.7	35.7	35.7	36.2
≥ 2000	23.5	28.5	30.9	33.2	37.6	37.8	39.3	40.0	40.8	41.4	41.4	41.6	41.6	41.6	41.6	42.0
≥ 1800	24.8	30.2	32.6	34.9	39.4	39.6	41.1	41.8	42.6	43.2	43.2	43.4	43.4	43.4	43.4	43.8
≥ 1500	29.5	36.4	39.3	41.8	47.1	47.3	48.7	49.9	50.9	51.9	51.9	52.1	52.1	52.1	52.1	52.6
≥ 1200	32.7	40.6	44.0	46.7	52.2	52.5	53.9	55.2	56.4	57.4	57.5	57.7	57.7	57.7	57.7	58.2
≥ 1000	35.3	44.0	47.8	51.0	58.1	58.6	60.5	62.2	63.4	64.4	64.6	64.8	64.8	64.8	64.8	65.3
≥ 900	35.8	44.6	48.4	51.6	59.2	59.6	61.6	63.2	64.4	65.5	65.6	65.9	65.9	65.9	65.9	66.3
≥ 800	37.8	46.9	51.0	54.9	63.1	63.6	65.5	67.4	68.7	69.9	70.1	70.3	70.3	70.3	70.3	70.8
≥ 700	38.9	48.7	52.9	57.0	66.1	66.6	68.7	70.7	72.7	73.9	74.3	74.5	74.6	74.6	74.6	75.1
≥ 600	39.5	49.3	53.7	58.0	68.1	68.7	71.3	73.3	75.3	76.8	77.1	77.5	77.6	77.6	77.6	78.1
≥ 500	39.6	49.8	54.4	58.7	69.8	70.4	73.4	76.0	78.4	80.2	80.8	81.2	81.4	81.4	81.4	81.9
≥ 400	39.6	49.9	54.5	58.9	70.3	70.9	74.1	77.8	80.6	82.8	83.4	83.8	84.1	84.1	84.1	84.6
≥ 300	39.8	50.1	54.6	59.0	70.9	72.0	75.7	79.5	82.8	85.4	86.6	87.3	88.0	88.5	88.5	89.3
≥ 200	39.8	50.1	54.6	59.0	71.0	72.1	75.8	80.0	84.1	88.0	89.7	90.7	91.9	93.1	94.0	95.9
≥ 100	39.8	50.1	54.6	59.0	71.0	72.1	75.8	80.0	84.1	88.3	89.9	91.1	92.5	93.8	95.1	100.0
≥ 0	39.8	50.1	54.6	59.0	71.0	72.1	75.8	80.0	84.1	88.3	89.9	91.1	92.5	93.8	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 835

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 100	BITBURG AB DL	73-81	JAN
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	8.3	11.5	13.2	14.5	15.1	15.4	15.6	15.9	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2
≥ 20000	11.7	15.9	17.9	19.8	20.6	20.8	21.0	21.3	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 18000	11.9	16.1	18.1	20.2	20.9	21.2	21.4	21.6	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 16000	11.9	16.1	18.1	20.2	20.9	21.2	21.4	21.6	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 14000	12.7	16.2	18.3	20.3	21.0	21.3	21.5	21.8	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 12000	12.5	16.7	18.8	20.8	21.5	21.8	22.0	22.2	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 10000	12.6	16.8	19.0	21.0	21.8	22.0	22.2	22.5	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 9000	12.7	16.9	19.2	21.3	22.2	22.5	22.7	23.0	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 8000	13.6	18.1	20.7	22.8	23.8	24.0	24.3	24.5	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 7000	13.8	18.4	20.9	23.3	24.3	24.5	25.1	25.5	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 6000	13.8	18.4	20.9	23.3	24.3	24.5	25.1	25.5	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 5000	14.5	19.1	21.8	24.2	25.2	25.5	26.1	26.4	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 4500	14.9	19.6	22.2	24.6	25.7	26.0	26.6	26.9	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 4000	17.2	21.9	24.5	26.9	28.0	28.2	29.0	29.3	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 3500	18.9	23.8	26.6	29.0	30.4	30.6	31.4	31.7	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 3000	20.6	25.8	28.7	31.1	32.8	33.1	33.8	34.1	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 2500	23.7	29.7	32.8	35.3	37.3	37.5	38.2	38.6	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 2000	30.2	36.9	40.0	42.7	44.7	45.0	45.9	46.4	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 1800	31.1	38.5	41.7	44.4	46.4	46.6	47.7	48.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 1500	36.9	45.8	49.4	52.4	54.9	55.2	56.7	57.5	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1200	40.9	50.6	54.4	57.6	60.8	61.2	63.2	63.9	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 1000	42.3	52.8	57.0	60.6	64.9	65.3	67.5	68.4	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 900	42.5	53.0	57.2	60.9	65.9	66.2	68.5	69.6	70.2	71.0	71.0	71.0	71.0	71.2	71.2	71.2
≥ 800	43.8	54.4	58.9	63.0	68.4	69.0	71.5	72.6	73.3	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 700	44.4	55.5	60.1	64.2	70.3	71.0	74.0	75.5	76.2	77.5	77.5	77.5	77.5	77.8	77.8	77.8
≥ 600	44.5	55.8	60.6	64.8	71.5	72.4	75.8	78.2	79.0	80.4	80.4	80.4	80.4	80.8	80.8	80.8
≥ 500	45.1	56.3	61.2	66.0	73.7	75.0	79.3	82.6	83.4	85.5	85.6	85.7	85.8	86.3	86.3	86.3
≥ 400	45.1	56.3	61.2	66.0	73.9	75.4	80.2	83.9	85.0	87.7	87.9	88.1	88.6	89.2	89.5	89.7
≥ 300	45.1	56.3	61.2	66.0	74.3	76.2	81.4	85.2	86.7	90.1	90.5	91.2	92.2	92.8	93.1	93.4
≥ 200	45.1	56.3	61.2	66.0	74.3	76.2	81.4	85.3	86.8	91.1	91.6	92.4	93.9	95.7	96.2	97.0
≥ 100	45.1	56.3	61.2	66.0	74.3	76.2	81.4	85.3	86.8	91.1	91.7	92.5	94.1	96.9	97.6	100.0
≥ 0	45.1	56.3	61.2	66.0	74.3	76.2	81.4	85.3	86.8	91.1	91.7	92.5	94.1	96.9	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 832

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

94100	BITBURG AB GL	73-81	JAN
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	10.0	13.7	14.7	15.9	17.1	17.3	18.6	18.9	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.5
≥ 20000	13.3	17.5	18.6	19.8	21.7	21.9	23.1	23.5	23.7	23.7	23.9	23.9	23.9	24.0	24.0	24.2
≥ 18000	13.3	17.5	18.6	19.8	21.7	21.9	23.1	23.5	23.7	23.7	23.9	23.9	23.9	24.0	24.0	24.2
≥ 16000	13.3	17.5	18.6	19.8	21.7	21.9	23.1	23.5	23.7	23.7	23.9	23.9	23.9	24.0	24.0	24.2
≥ 14000	13.3	17.5	18.6	19.8	21.7	21.9	23.1	23.5	23.7	23.7	23.9	23.9	23.9	24.0	24.0	24.2
≥ 12000	13.4	17.6	18.7	19.9	21.9	22.4	23.6	24.0	24.2	24.2	24.3	24.3	24.3	24.5	24.5	24.7
≥ 10000	13.6	17.8	18.9	20.2	22.8	23.3	24.6	24.9	25.2	25.2	25.3	25.3	25.3	25.4	25.4	25.7
≥ 9000	14.0	18.4	19.5	20.8	23.6	24.1	25.4	25.8	26.0	26.0	26.1	26.1	26.1	26.3	26.3	26.5
≥ 8000	14.9	19.4	20.5	21.8	24.9	25.4	26.9	27.2	27.5	27.5	27.6	27.6	27.6	27.7	27.7	28.0
≥ 7000	15.2	19.6	20.7	22.0	25.3	25.8	27.3	27.8	28.1	28.1	28.2	28.2	28.2	28.3	28.3	28.6
≥ 6000	15.2	19.6	20.8	22.2	25.4	25.9	27.5	28.0	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.7
≥ 5000	15.5	20.1	21.3	22.8	26.1	26.6	28.2	28.7	28.9	28.9	29.0	29.0	29.0	29.2	29.2	29.4
≥ 4500	16.4	21.1	22.3	23.7	27.1	27.6	29.2	29.6	29.9	29.9	30.0	30.0	30.0	30.1	30.1	30.4
≥ 4000	18.6	23.7	24.9	26.4	29.8	30.2	32.0	32.5	32.8	32.8	32.9	32.9	32.9	33.0	33.0	33.3
≥ 3500	20.1	25.4	26.6	28.1	31.6	32.2	34.0	34.5	34.7	34.7	34.8	34.8	34.8	34.9	34.9	35.2
≥ 3000	22.3	27.7	29.0	30.6	34.7	35.3	37.2	37.7	38.0	38.0	38.1	38.1	38.1	38.2	38.2	38.4
≥ 2500	25.7	31.2	32.5	34.2	38.9	39.5	41.4	41.9	42.2	42.3	42.4	42.4	42.4	42.5	42.5	42.8
≥ 2000	29.8	35.9	37.7	39.5	44.7	45.3	47.2	47.8	48.1	48.3	48.4	48.4	48.4	48.6	48.6	48.8
≥ 1800	31.1	38.0	39.8	41.6	46.7	47.3	49.3	50.2	50.5	50.7	50.8	50.8	50.8	51.0	51.0	51.2
≥ 1500	35.9	44.3	46.9	49.9	56.5	57.1	59.4	60.5	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.4
≥ 1200	38.7	47.6	50.7	54.1	61.3	61.9	64.2	65.5	65.8	66.1	66.3	66.3	66.3	66.4	66.4	66.6
≥ 1000	41.2	50.8	54.2	58.1	65.8	66.5	69.0	70.7	71.1	71.6	71.8	71.9	71.9	72.0	72.0	72.3
≥ 900	41.6	51.6	55.1	59.0	66.7	67.6	70.4	72.0	72.4	73.0	73.3	73.4	73.4	73.5	73.7	74.0
≥ 800	42.3	52.5	56.0	60.8	68.7	69.5	72.4	74.1	74.6	75.8	76.0	76.1	76.1	76.3	76.5	76.7
≥ 700	42.8	53.3	56.7	61.8	69.9	71.0	74.5	76.4	76.9	78.1	78.4	78.6	78.6	78.7	78.9	79.2
≥ 600	42.8	53.5	57.1	62.5	71.6	72.7	76.7	78.7	79.2	80.6	81.0	81.1	81.1	81.2	81.4	81.7
≥ 500	43.3	54.1	57.8	64.0	74.9	76.1	80.4	82.9	83.6	85.8	86.1	86.3	86.3	86.5	86.7	87.0
≥ 400	43.3	54.2	58.0	64.3	75.8	77.2	81.8	84.6	85.5	88.1	88.4	88.8	88.8	89.0	89.3	89.6
≥ 300	43.3	54.3	58.1	64.5	75.9	77.5	82.3	85.4	86.9	90.5	91.2	91.8	92.5	92.9	93.1	93.7
≥ 200	43.3	54.3	58.1	64.5	76.0	77.6	82.4	85.8	87.3	91.3	92.2	93.1	94.2	95.4	95.7	97.1
≥ 100	43.3	54.3	58.1	64.5	76.0	77.6	82.4	85.8	87.3	91.4	92.3	93.3	94.3	96.3	97.7	100.0
≥ 0	43.3	54.3	58.1	64.5	76.0	77.6	82.4	85.8	87.3	91.4	92.3	93.3	94.3	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10	BITBURG AB DL	73-81	JAN
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.1	13.9	14.4	15.2	17.5	17.9	18.5	18.9	19.4	19.5	19.5	19.5	19.5	19.6	19.6	19.6
≥ 20000	14.5	17.0	17.7	18.4	20.8	21.5	22.2	22.8	23.3	23.4	23.4	23.4	23.4	23.5	23.5	23.5
≥ 18000	14.5	17.0	17.7	18.4	20.8	21.5	22.2	22.8	23.3	23.4	23.4	23.4	23.4	23.5	23.5	23.5
≥ 16000	14.5	17.0	17.7	18.4	20.8	21.5	22.2	22.8	23.3	23.4	23.4	23.4	23.4	23.5	23.5	23.5
≥ 14000	14.5	17.0	17.7	18.4	20.8	21.5	22.2	22.8	23.3	23.4	23.4	23.4	23.4	23.5	23.5	23.5
≥ 12000	14.5	17.0	17.7	18.4	21.2	21.8	22.5	23.2	23.6	23.8	23.8	23.8	23.8	23.9	23.9	23.9
≥ 10000	15.3	17.7	18.4	19.3	22.8	23.4	24.1	24.7	25.2	25.3	25.3	25.3	25.3	25.5	25.5	25.5
≥ 9000	15.5	18.1	18.8	19.8	23.3	23.9	24.6	25.3	25.8	25.9	25.9	25.9	25.9	26.1	26.1	26.1
≥ 8000	15.6	18.3	19.2	20.1	23.9	24.6	25.3	26.2	26.7	26.8	26.8	26.8	26.8	26.9	26.9	26.9
≥ 7000	15.8	18.4	19.3	20.2	24.0	24.7	25.5	26.5	27.0	27.2	27.2	27.2	27.2	27.3	27.3	27.3
≥ 6000	15.8	18.4	19.3	20.2	24.0	24.7	25.5	26.5	27.0	27.2	27.2	27.2	27.2	27.3	27.3	27.3
≥ 5000	15.9	18.5	19.4	20.4	24.1	24.8	25.7	26.8	27.3	27.4	27.4	27.4	27.4	27.5	27.5	27.5
≥ 4500	18.2	21.6	22.4	23.5	27.3	28.0	28.8	29.9	30.4	30.5	30.5	30.5	30.5	30.7	30.7	30.7
≥ 4000	20.8	24.8	25.7	26.8	30.7	31.4	32.6	33.7	34.2	34.3	34.3	34.3	34.3	34.4	34.4	34.4
≥ 3500	22.8	26.8	27.6	28.7	32.8	33.6	34.8	35.9	36.4	36.5	36.6	36.6	36.6	36.7	36.7	36.7
≥ 3000	24.4	28.8	29.8	30.9	35.0	35.8	37.0	38.1	38.5	38.7	38.8	38.8	38.8	38.9	38.9	38.9
≥ 2500	26.8	31.6	32.8	34.1	38.8	39.5	40.7	41.8	42.3	42.4	42.5	42.5	42.5	42.7	42.7	42.7
≥ 2000	31.6	37.0	38.2	40.0	45.8	46.5	47.8	48.8	49.3	49.5	49.6	49.6	49.6	49.7	49.7	49.7
≥ 1800	33.1	39.3	40.2	42.1	48.0	48.7	49.9	51.0	51.5	51.6	51.8	51.8	51.8	51.9	51.9	51.9
≥ 1500	37.7	44.8	46.4	49.2	56.1	56.8	58.1	59.2	60.0	60.1	60.4	60.4	60.4	60.5	60.5	60.5
≥ 1200	41.3	49.6	51.4	54.8	62.3	63.3	64.5	65.6	66.4	66.5	66.8	66.8	66.8	66.9	66.9	66.9
≥ 1000	43.2	52.2	54.9	58.5	66.7	67.8	69.1	70.4	71.5	71.8	72.0	72.0	72.0	72.1	72.1	72.1
≥ 900	43.9	53.2	56.2	60.2	68.4	69.5	70.9	72.2	73.3	73.6	73.8	73.8	73.8	73.9	73.9	73.9
≥ 800	45.7	55.6	58.9	63.5	72.0	73.1	75.0	76.5	77.6	77.8	78.1	78.1	78.1	78.2	78.2	78.2
≥ 700	46.8	56.8	60.5	65.6	74.8	76.0	78.2	80.0	81.1	81.3	81.6	81.7	81.7	81.9	81.9	81.9
≥ 600	46.8	57.0	60.6	65.7	75.6	77.0	79.6	81.5	82.5	82.9	83.2	83.3	83.3	83.5	83.5	83.5
≥ 500	47.3	58.1	61.8	67.2	77.7	79.2	82.2	84.5	85.6	86.7	87.0	87.2	87.2	87.4	87.4	87.4
≥ 400	47.3	58.3	62.1	67.4	78.4	80.1	83.6	86.1	87.4	88.5	88.8	89.0	89.0	89.2	89.2	89.3
≥ 300	47.4	58.4	62.2	67.8	78.9	80.6	84.1	87.2	88.8	90.5	90.9	91.0	91.4	91.9	91.9	92.0
≥ 200	47.4	58.4	62.2	67.8	78.9	80.6	84.1	87.2	89.5	92.0	92.6	93.5	94.3	95.0	95.4	95.6
≥ 100	47.4	58.4	62.2	67.8	78.9	80.6	84.1	87.2	89.6	92.2	93.0	93.8	94.7	96.0	97.6	100.0
≥ 0	47.4	58.4	62.2	67.8	78.9	80.6	84.1	87.2	89.6	92.2	93.0	93.8	94.7	96.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]10	BITBURG AB GL	73-81	JAN

HOURS (L.S.T.): ALL

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	9.2	11.6	12.5	13.1	14.8	15.0	15.7	16.2	16.7	16.8	16.9	16.9	16.9	17.[illegible]	17.1	17.2
≥ 20000	11.3	14.1	15.1	15.8	17.8	18.1	18.9	19.5	19.9	20.1	20.2	20.2	20.2	20.3	20.4	20.5
≥ 18000	11.4	14.2	15.2	15.9	17.9	18.3	19.0	19.6	20.1	20.3	20.3	20.3	20.3	20.4	20.6	20.7
≥ 16000	11.4	14.2	15.2	15.9	17.9	18.3	19.0	19.6	20.1	20.3	20.3	20.3	20.3	20.4	20.6	20.7
≥ 14000	11.4	14.2	15.2	15.9	18.0	18.3	19.0	19.6	20.1	20.3	20.3	20.4	20.4	20.5	20.6	20.7
≥ 12000	11.5	14.3	15.3	16.1	18.3	18.6	19.4	20.0	20.4	20.6	20.7	20.7	20.7	20.8	20.9	21.0
≥ 10000	11.9	14.7	15.8	16.6	19.0	19.4	20.2	20.8	21.3	21.5	21.5	21.6	21.6	21.7	21.8	21.9
≥ 9000	12.1	15.0	16.1	17.0	19.5	19.9	20.8	21.4	21.9	22.1	22.1	22.2	22.2	22.3	22.4	22.5
≥ 8000	12.7	15.7	16.9	17.8	20.7	21.1	22.0	22.7	23.2	23.4	23.4	23.5	23.5	23.6	23.7	23.8
≥ 7000	12.9	16.0	17.2	18.2	21.1	21.5	22.5	23.2	23.7	23.9	24.0	24.0	24.0	24.1	24.2	24.4
≥ 6000	13.1	16.2	17.4	18.4	21.3	21.7	22.7	23.5	24.0	24.2	24.2	24.3	24.3	24.4	24.5	24.6
≥ 5000	13.5	16.7	18.0	19.0	22.0	22.4	23.5	24.3	24.8	25.0	25.0	25.1	25.1	25.2	25.3	25.5
≥ 4500	15.1	18.7	19.9	21.0	24.0	24.5	25.6	26.3	26.9	27.1	27.1	27.2	27.2	27.3	27.4	27.6
≥ 4000	16.8	20.7	22.0	23.2	26.3	26.7	28.0	28.8	29.3	29.5	29.6	29.6	29.6	29.7	29.9	30.0
≥ 3500	18.2	22.3	23.7	24.9	28.3	28.8	30.0	30.8	31.4	31.6	31.6	31.7	31.7	31.8	32.0	32.1
≥ 3000	20.2	24.6	26.2	27.4	31.2	31.7	33.0	33.8	34.4	34.6	34.6	34.7	34.7	34.8	35.0	35.1
≥ 2500	22.8	27.6	29.3	30.7	34.8	35.4	36.7	37.5	38.1	38.3	38.4	38.4	38.5	38.6	38.7	38.9
≥ 2000	27.3	32.8	34.7	36.3	40.9	41.6	43.0	44.0	44.6	44.8	44.9	45.0	45.0	45.1	45.2	45.4
≥ 1800	28.5	34.4	36.4	38.0	42.6	43.2	44.8	45.7	46.4	46.6	46.7	46.8	46.8	46.9	47.0	47.2
≥ 1500	33.0	40.1	42.4	44.4	49.8	50.5	52.2	53.4	54.2	54.6	54.6	54.7	54.8	54.9	55.0	55.2
≥ 1200	36.8	44.6	47.3	49.7	55.6	56.3	58.2	59.6	60.4	60.8	60.9	61.0	61.0	61.1	61.3	61.4
≥ 1000	39.0	47.6	50.7	53.5	60.3	61.1	63.3	64.9	65.8	66.3	66.4	66.5	66.6	66.7	66.8	67.0
≥ 900	39.3	48.2	51.5	54.4	61.3	62.2	64.5	66.1	67.0	67.5	67.7	67.8	67.8	67.9	68.1	68.2
≥ 800	40.8	50.2	53.8	57.3	64.9	65.9	68.5	70.2	71.3	72.0	72.1	72.2	72.2	72.4	72.6	72.7
≥ 700	41.7	51.6	55.5	59.4	67.8	69.0	71.9	73.8	75.1	75.9	76.1	76.2	76.2	76.4	76.5	76.7
≥ 600	42.2	52.3	56.2	60.2	69.5	70.7	73.9	76.0	77.4	78.3	78.5	78.6	78.6	78.8	79.0	79.2
≥ 500	42.5	53.0	57.1	61.5	71.8	73.1	76.9	79.6	81.3	82.7	83.0	83.2	83.3	83.5	83.7	83.9
≥ 400	42.5	53.2	57.3	61.8	72.8	74.4	78.6	81.7	83.7	85.5	85.8	86.0	86.2	86.5	86.7	87.1
≥ 300	42.6	53.3	57.4	62.1	73.5	75.3	79.9	83.4	85.9	88.2	88.8	89.2	89.7	90.4	90.7	91.2
≥ 200	42.6	53.3	57.5	62.1	73.6	75.5	80.2	84.0	87.0	89.9	90.6	91.3	92.2	93.7	94.4	95.5
≥ 100	42.6	53.3	57.5	62.1	73.6	75.5	80.2	84.0	87.1	90.1	90.9	91.7	92.7	94.9	96.7	99.7
≥ 0	42.6	53.3	57.5	62.1	73.6	75.5	80.2	84.0	87.1	90.1	90.9	91.7	92.7	94.9	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6648

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]110	BITBURG AB DL	73-81	FEB

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

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	23.5	24.1	24.5	25.1	27.9	28.6	30.2	30.6	30.9	31.3	31.3	31.6	31.6	31.6	31.6	32.3
≥ 20000	22.2	26.6	27.1	27.8	30.7	31.5	33.1	34.0	34.3	34.7	34.7	35.1	35.1	35.1	35.1	35.8
≥ 18000	22.2	26.6	27.1	27.8	30.7	31.5	33.2	34.3	34.6	35.0	35.0	35.4	35.4	35.4	35.4	36.0
≥ 16000	22.2	26.6	27.1	27.8	30.7	31.5	33.2	34.3	34.6	35.0	35.0	35.4	35.4	35.4	35.4	36.0
≥ 14000	22.2	26.6	27.1	27.8	30.7	31.5	33.2	34.3	34.6	35.0	35.0	35.4	35.4	35.4	35.4	36.0
≥ 12000	22.2	26.6	27.1	27.8	30.7	31.5	33.4	34.4	34.7	35.1	35.1	35.5	35.5	35.5	35.5	36.2
≥ 10000	23.1	27.8	28.3	29.0	31.9	32.8	34.7	35.9	36.2	36.6	36.6	37.0	37.0	37.0	37.1	37.8
≥ 9000	23.1	27.9	28.5	29.1	32.0	33.0	34.8	36.0	36.4	36.8	36.8	37.2	37.2	37.2	37.4	38.0
≥ 8000	23.7	28.6	29.1	29.8	33.5	34.4	36.8	38.0	38.4	38.8	38.8	39.2	39.2	39.2	39.4	40.0
≥ 7000	23.7	29.0	29.5	30.2	33.9	34.8	37.2	38.6	39.0	39.4	39.4	39.8	39.8	39.8	39.9	40.6
≥ 6000	23.7	29.0	29.5	30.2	33.9	34.8	37.2	38.6	39.0	39.4	39.4	39.8	39.8	39.8	39.9	40.6
≥ 5000	24.2	29.5	30.2	31.0	35.0	36.0	38.4	39.8	40.2	40.6	40.6	41.0	41.1	41.4	41.5	42.2
≥ 4500	25.4	31.0	31.6	32.4	36.8	37.9	40.3	41.6	42.2	42.6	42.6	43.0	43.1	43.4	43.5	44.1
≥ 4000	26.9	32.4	33.5	34.7	39.4	40.4	42.8	44.1	44.7	45.1	45.1	45.5	45.6	45.9	46.0	46.7
≥ 3500	29.1	35.1	36.4	37.9	42.8	43.9	46.4	47.7	48.4	48.8	48.8	49.2	49.3	49.6	49.7	50.4
≥ 3000	32.2	39.1	40.7	42.2	47.3	48.4	51.1	52.4	53.1	53.5	53.5	53.9	54.0	54.3	54.4	55.1
≥ 2500	34.0	41.1	43.2	44.7	50.0	51.1	54.0	55.3	56.0	56.4	56.4	56.8	56.9	57.2	57.3	58.0
≥ 2000	35.5	43.4	46.0	47.9	54.1	55.3	58.2	59.6	60.2	60.6	60.6	61.0	61.2	61.4	61.6	62.2
≥ 1800	36.2	44.0	46.7	48.5	55.1	56.3	59.4	60.8	61.4	61.8	61.8	62.2	62.4	62.6	62.8	63.4
≥ 1500	38.8	47.9	51.1	53.1	60.6	62.0	65.3	67.0	68.1	68.5	68.5	68.9	69.0	69.3	69.4	70.1
≥ 1200	40.4	50.5	54.1	56.1	64.2	65.8	69.7	71.7	72.9	73.3	73.3	73.7	73.8	74.1	74.2	74.9
≥ 1000	41.5	53.2	57.0	59.4	68.9	70.7	75.0	77.0	78.5	78.9	78.9	79.3	79.4	79.7	79.8	80.5
≥ 900	42.3	54.0	57.8	60.5	70.1	71.9	76.2	78.2	79.8	80.2	80.2	80.6	80.7	81.0	81.1	81.8
≥ 800	43.0	54.9	58.8	61.4	72.6	74.7	79.3	81.3	83.1	83.5	83.5	83.9	84.0	84.3	84.4	85.1
≥ 700	43.2	55.2	59.0	61.7	73.1	75.4	80.2	82.8	84.7	85.1	85.1	85.5	85.6	85.9	86.0	86.7
≥ 600	43.4	55.3	59.2	62.4	73.9	76.3	81.3	84.0	85.9	86.3	86.3	86.7	86.8	87.1	87.2	87.9
≥ 500	43.5	55.9	59.7	63.2	75.0	77.4	82.6	85.9	88.2	88.6	88.6	89.0	89.1	89.5	89.6	90.3
≥ 400	43.5	56.0	59.8	63.3	75.3	77.7	83.0	86.6	89.1	89.5	89.5	89.9	90.2	90.6	90.7	91.4
≥ 300	43.5	56.1	60.2	63.7	75.8	78.2	84.2	88.3	91.8	92.7	92.7	93.2	93.6	94.1	94.3	94.9
≥ 200	43.5	56.1	60.2	63.7	75.8	78.2	84.2	88.7	92.3	93.2	93.2	93.8	94.4	95.2	95.7	96.9
≥ 100	43.5	56.4	60.5	64.0	76.1	78.5	84.4	89.1	92.7	93.8	93.8	94.3	95.1	96.5	98.0	99.9
≥ 0	43.5	56.4	60.5	64.0	76.1	78.5	84.4	89.1	92.7	93.8	93.8	94.3	95.1	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3100	BITBURG AB DL	73-81	FEB
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.5	19.3	20.3	21.4	22.8	23.3	25.3	26.5	26.6	27.2	27.2	27.2	27.2	27.7	27.8	28.0
≥ 20000	19.3	21.7	22.9	24.0	25.4	26.1	28.1	29.3	29.5	30.3	30.3	30.3	30.3	30.8	30.9	31.1
≥ 18000	19.3	21.7	22.9	24.0	25.4	26.1	28.1	29.3	29.6	30.4	30.4	30.4	30.4	30.9	31.1	31.2
≥ 16000	19.3	21.7	22.9	24.0	25.4	26.1	28.1	29.3	29.6	30.4	30.4	30.4	30.4	30.9	31.1	31.2
≥ 14000	19.3	21.7	22.9	24.0	25.4	26.1	28.1	29.3	29.6	30.4	30.4	30.4	30.4	30.9	31.1	31.2
≥ 12000	19.3	21.7	22.9	24.0	25.4	26.1	28.1	29.3	29.6	30.4	30.4	30.4	30.4	30.9	31.1	31.2
≥ 10000	20.1	22.5	23.7	24.8	26.2	26.9	29.0	30.4	30.7	31.5	31.5	31.5	31.5	32.0	32.1	32.3
≥ 9000	20.2	22.9	24.1	25.2	26.8	27.4	29.6	30.9	31.2	32.0	32.0	32.0	32.0	32.5	32.7	32.8
≥ 8000	21.7	23.8	25.0	26.1	28.4	29.0	31.5	32.8	33.5	34.3	34.3	34.3	34.3	34.8	34.9	35.1
≥ 7000	21.4	24.4	25.6	26.6	28.9	29.6	32.0	33.3	34.3	35.1	35.1	35.1	35.1	35.6	35.7	35.9
≥ 6000	21.6	24.5	25.7	26.8	29.0	29.7	32.1	33.5	34.4	35.2	35.2	35.2	35.2	35.7	35.9	36.0
≥ 5000	21.7	24.8	26.2	27.3	29.7	30.4	32.8	34.1	35.2	36.0	36.0	36.0	36.0	36.5	36.7	36.8
≥ 4500	23.2	26.8	28.2	29.3	32.3	32.9	35.5	36.9	38.0	38.8	38.8	38.8	38.8	39.4	39.5	39.6
≥ 4000	24.9	28.6	30.1	31.3	34.7	35.3	38.0	39.5	40.6	41.4	41.4	41.4	41.4	41.9	42.0	42.2
≥ 3500	26.2	30.4	32.0	33.5	36.9	37.6	40.4	42.0	43.2	44.2	44.2	44.3	44.3	44.8	45.0	45.1
≥ 3000	28.8	33.7	35.3	36.8	41.1	41.8	44.6	46.6	47.8	48.7	48.7	48.9	48.9	49.5	49.7	49.8
≥ 2500	30.3	35.5	37.1	38.6	43.2	44.0	47.5	49.5	50.9	51.8	51.8	51.9	51.9	52.6	52.7	52.9
≥ 2000	32.5	38.7	40.4	42.2	47.8	49.0	52.5	54.6	56.0	57.2	57.2	57.3	57.3	58.0	58.1	58.2
≥ 1800	33.3	39.5	41.2	43.0	48.9	50.3	54.2	56.4	57.7	59.2	59.2	59.3	59.3	60.0	60.1	60.2
≥ 1500	36.1	43.4	45.9	48.1	54.6	56.1	60.4	62.5	64.5	66.0	66.0	66.1	66.1	66.8	66.9	67.1
≥ 1200	38.8	47.1	49.8	52.3	60.5	62.0	66.4	68.5	70.7	72.2	72.2	72.3	72.3	73.0	73.1	73.2
≥ 1000	40.8	50.5	53.4	56.6	65.7	67.2	71.8	73.9	76.0	77.5	77.5	77.6	77.6	78.3	78.4	78.6
≥ 900	41.1	51.1	54.1	57.3	66.7	68.1	73.0	75.5	77.6	79.3	79.3	79.4	79.4	80.1	80.2	80.3
≥ 800	41.9	52.3	55.3	58.5	68.3	69.7	74.8	77.4	79.5	81.1	81.1	81.3	81.3	81.9	82.1	82.2
≥ 700	42.6	53.4	56.4	59.6	69.6	71.1	76.7	79.9	82.1	83.7	83.7	83.8	83.8	84.5	84.6	84.7
≥ 600	43.3	54.2	57.3	60.6	70.8	72.3	78.4	81.7	84.3	86.1	86.1	86.2	86.2	86.9	87.0	87.1
≥ 500	43.0	54.6	57.7	61.2	71.6	73.1	79.3	83.0	86.1	88.0	88.0	88.1	88.1	89.4	89.6	89.7
≥ 400	43.0	54.6	57.7	61.4	72.3	74.0	80.7	84.5	87.8	89.7	89.7	89.8	89.8	91.2	91.3	91.4
≥ 300	43.0	54.8	57.8	61.6	72.4	74.2	80.9	84.6	88.1	90.1	90.5	90.6	90.6	92.0	92.1	92.2
≥ 200	43.0	54.8	57.8	61.6	72.4	74.2	81.0	84.7	88.2	90.6	91.4	91.6	92.0	94.0	94.8	95.7
≥ 100	43.0	54.8	57.8	61.6	72.4	74.2	81.0	84.7	88.4	91.2	92.1	92.2	92.9	95.6	97.6	100.0
≥ 0	43.0	54.8	57.8	61.6	72.4	74.2	81.0	84.7	88.4	91.2	92.1	92.2	92.9	95.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 747

USAF ETAC FORM JUL 66 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
14130	BITBURG AB DL	73-81	FEB

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

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	14.5	17.9	19.7	20.1	21.9	22.4	23.6	24.9	25.5	25.6	25.9	26.1	26.4	26.5	26.8	27.2
≥ 20000	15.8	19.4	21.4	21.8	24.5	25.2	26.4	27.8	28.4	28.9	29.2	29.4	29.7	29.8	30.1	30.5
≥ 18000	15.8	19.4	21.4	21.8	24.5	25.2	26.4	27.8	28.4	28.9	29.2	29.4	29.7	29.8	30.1	30.5
≥ 16000	15.8	19.4	21.4	21.8	24.5	25.2	26.4	27.8	28.4	28.9	29.2	29.4	29.7	29.8	30.1	30.5
≥ 14000	15.8	19.4	21.4	21.8	24.5	25.2	26.4	27.8	28.4	28.9	29.2	29.4	29.7	29.8	30.1	30.5
≥ 12000	15.8	19.5	21.5	21.9	24.7	25.3	26.5	28.0	28.5	29.0	29.3	29.6	29.8	29.9	30.2	30.6
≥ 10000	16.4	20.2	22.2	22.6	25.5	26.1	27.3	28.8	29.3	29.8	30.1	30.3	30.6	30.7	31.0	31.4
≥ 9000	16.8	20.6	22.6	23.0	25.9	26.5	27.7	29.2	29.7	30.2	30.5	30.7	31.0	31.1	31.4	31.9
≥ 8000	17.4	21.9	23.9	24.3	27.4	28.1	29.3	30.7	31.3	31.8	32.1	32.3	32.6	32.7	33.0	33.4
≥ 7000	17.8	22.3	24.3	24.7	27.8	28.5	29.8	31.3	31.8	32.3	32.6	32.8	33.1	33.2	33.5	33.9
≥ 6000	17.9	22.4	24.5	24.9	28.1	28.8	30.1	31.5	32.1	32.6	32.8	33.1	33.4	33.5	33.8	34.2
≥ 5000	18.2	22.8	24.9	25.3	28.6	29.3	30.6	32.1	32.6	33.1	33.4	33.6	33.9	34.0	34.3	34.7
≥ 4500	18.9	23.5	25.9	26.4	30.1	30.7	32.1	33.5	34.0	34.6	34.8	35.1	35.4	35.5	35.8	36.1
≥ 4000	20.2	25.1	27.4	28.0	31.9	32.6	34.2	35.6	36.1	36.7	36.9	37.2	37.5	37.6	37.9	38.3
≥ 3500	21.8	26.8	29.2	29.7	33.8	34.6	36.1	37.7	38.3	38.8	39.1	39.3	39.6	39.7	40.0	40.4
≥ 3000	23.4	28.5	31.1	31.7	35.9	36.8	38.5	40.1	40.8	41.3	41.6	41.8	42.1	42.2	42.5	42.9
≥ 2500	25.2	30.6	33.2	33.9	38.5	39.6	41.7	43.5	44.2	44.7	45.0	45.3	45.5	45.6	45.9	46.3
≥ 2000	28.1	34.6	37.2	37.9	42.9	44.1	46.3	48.2	48.8	49.3	49.6	49.9	50.1	50.3	50.5	50.9
≥ 1800	29.2	35.8	38.4	39.2	44.2	45.8	48.0	50.0	50.7	51.2	51.5	51.7	52.0	52.1	52.4	52.8
≥ 1500	32.9	40.8	43.9	45.1	52.1	54.0	57.0	59.1	60.0	60.6	60.8	61.1	61.3	61.5	61.7	62.1
≥ 1200	36.1	44.9	48.3	49.5	57.0	59.0	62.1	64.2	65.2	65.7	66.0	66.2	66.5	66.6	66.9	67.3
≥ 1000	37.5	46.6	50.0	51.7	60.7	62.9	66.4	69.1	70.1	70.7	71.0	71.2	71.5	71.6	71.9	72.3
≥ 900	38.3	47.5	50.9	52.8	61.9	64.1	67.5	70.3	71.4	72.0	72.3	72.6	72.8	73.0	73.2	73.6
≥ 800	39.2	48.9	52.8	54.6	64.1	66.5	70.2	73.1	74.1	74.8	75.1	75.3	75.6	75.7	76.1	76.5
≥ 700	40.1	50.4	54.2	56.7	67.2	69.5	73.5	77.2	78.2	78.9	79.2	79.4	79.7	79.9	80.3	80.7
≥ 600	40.8	51.2	55.4	58.0	68.7	71.1	75.5	79.2	80.6	81.3	81.5	81.8	82.1	82.3	82.7	83.1
≥ 500	41.6	52.2	56.9	59.5	70.4	73.0	77.8	82.2	83.9	84.6	84.8	85.1	85.4	85.8	86.1	86.5
≥ 400	41.6	52.2	56.9	59.9	71.4	74.3	79.3	83.8	86.1	86.9	87.2	87.5	87.7	88.1	88.5	88.9
≥ 300	41.6	52.2	56.9	59.9	71.5	74.4	79.7	84.2	86.7	87.9	88.1	88.4	88.8	89.4	90.0	90.5
≥ 200	41.6	52.2	56.9	59.9	71.5	74.4	79.8	84.4	87.6	89.7	90.0	90.5	91.3	93.0	94.6	95.8
≥ 100	41.6	52.2	56.9	59.9	71.5	74.4	79.8	84.4	87.7	90.0	90.2	90.8	91.7	94.1	96.7	99.7
≥ 0	41.6	52.2	56.9	59.9	71.5	74.4	79.8	84.4	87.7	90.1	90.4	90.9	91.8	94.2	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 10	BITBURG AB GL	73-81	FEB
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.6	11.7	14.1	16.3	19.1	19.7	20.4	21.7	21.9	23.5	24.3	24.3	24.6	24.8	24.8	25.4
≥ 20000	8.0	13.5	16.0	18.3	22.1	22.7	23.7	25.0	25.2	26.9	27.7	27.7	28.1	28.6	28.6	29.3
≥ 18000	8.1	13.7	16.2	18.4	22.3	23.0	23.9	25.2	25.6	27.3	28.1	28.1	28.5	29.0	29.0	29.7
≥ 6000	8.1	13.7	16.2	18.4	22.3	23.0	23.9	25.2	25.6	27.3	28.1	28.1	28.5	29.0	29.0	29.7
≥ 14000	8.1	13.8	16.3	18.5	22.5	23.1	24.0	25.4	25.8	27.5	28.3	28.3	28.6	29.2	29.2	29.8
≥ 12000	8.1	13.8	16.3	18.5	22.6	23.3	24.2	25.5	25.9	27.6	28.4	28.4	28.8	29.3	29.3	30.0
≥ 10000	8.9	14.8	17.3	19.6	23.7	24.3	25.2	26.5	26.9	28.6	29.4	29.4	29.8	30.4	30.4	31.0
≥ 9000	9.1	15.0	17.5	19.7	23.8	24.4	25.4	26.8	27.2	28.9	29.7	29.7	30.1	30.6	30.6	31.3
≥ 8000	9.9	16.3	19.1	21.3	25.8	26.5	27.5	28.9	29.4	31.1	31.9	31.9	32.3	32.9	32.9	33.5
≥ 7000	10.0	16.4	19.2	21.4	25.9	26.9	27.9	29.3	29.8	31.5	32.3	32.3	32.7	33.2	33.2	33.9
≥ 6000	10.1	16.6	19.3	21.7	26.1	27.2	28.1	29.6	30.1	31.8	32.6	32.6	33.0	33.5	33.5	34.2
≥ 5000	10.3	17.3	20.1	22.5	26.9	28.1	29.0	30.5	31.0	32.7	33.5	33.5	33.9	34.4	34.4	35.1
≥ 4500	10.9	17.5	20.2	22.6	27.2	28.4	29.3	30.7	31.3	33.0	33.8	33.8	34.2	34.7	34.7	35.3
≥ 4000	11.6	18.1	21.7	24.0	28.6	29.8	31.3	33.0	33.5	35.3	36.3	36.3	36.7	37.2	37.2	37.6
≥ 3500	12.4	19.3	23.1	25.5	30.7	31.9	33.5	35.2	35.7	37.6	38.5	38.5	38.9	39.4	39.6	40.2
≥ 3000	13.0	20.1	24.0	26.5	31.8	33.1	34.7	36.4	36.9	38.8	39.7	39.7	40.1	40.6	40.7	41.4
≥ 2500	14.6	22.9	26.8	29.4	35.0	36.3	38.0	39.8	40.5	42.4	43.4	43.4	43.8	44.3	44.4	45.1
≥ 2000	17.7	26.4	30.6	33.5	39.3	40.6	42.4	44.4	45.1	47.0	48.0	48.0	48.4	49.0	49.1	49.8
≥ 1800	18.7	27.6	31.8	35.0	40.9	42.2	44.0	46.0	46.8	48.8	49.7	49.7	50.1	50.7	50.9	51.5
≥ 1500	21.7	32.5	37.1	40.2	47.8	49.7	51.8	54.0	55.2	57.7	58.6	58.6	59.0	59.7	59.8	60.4
≥ 1200	23.9	35.6	40.3	43.9	52.3	54.4	56.6	59.0	60.3	62.8	63.7	63.7	64.1	64.8	64.9	65.6
≥ 1000	25.1	37.3	42.4	46.5	56.0	58.2	61.1	63.6	65.0	67.9	69.1	69.3	69.6	70.3	70.4	71.1
≥ 900	25.2	37.8	43.1	47.2	56.9	59.1	62.0	64.5	66.0	69.0	70.2	70.3	70.7	71.4	71.5	72.1
≥ 800	25.5	38.2	43.8	48.0	58.3	60.6	64.1	67.3	68.9	72.4	73.6	73.7	74.1	74.8	74.9	75.6
≥ 700	26.1	39.0	44.9	49.1	60.2	62.8	66.4	70.3	71.9	75.8	77.1	77.3	77.7	78.3	78.4	79.1
≥ 600	26.3	39.4	45.6	50.2	61.6	64.3	67.9	72.3	73.9	77.9	79.2	79.4	79.8	80.4	80.6	81.2
≥ 500	26.9	40.1	46.3	51.2	63.2	66.0	70.4	75.3	77.3	82.0	83.3	83.4	84.0	84.6	84.8	85.4
≥ 400	27.1	40.2	46.4	51.5	63.9	66.9	71.5	76.7	79.5	84.5	85.8	85.9	86.5	87.1	87.3	87.9
≥ 300	27.1	40.3	46.5	51.6	64.1	67.1	71.7	77.1	80.8	86.7	88.0	88.3	89.1	89.9	90.0	90.7
≥ 200	27.1	40.3	46.5	51.6	64.1	67.1	71.7	77.1	80.9	87.4	88.8	89.1	90.1	92.0	93.2	95.1
≥ 100	27.1	40.3	46.5	51.6	64.1	67.1	71.7	77.1	80.9	87.5	89.0	89.4	90.4	92.2	94.3	100.0
≥ 0	27.1	40.3	46.5	51.6	64.1	67.1	71.7	77.1	80.9	87.5	89.0	89.4	90.4	92.2	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]150	BITBURG AB DL	73-81	FEB

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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.1	14.8	16.7	18.3	20.1	20.8	21.7	22.7	23.3	23.8	23.9	23.9	24.0	24.6	24.6	25.0
≥ 20000	11.8	18.0	20.4	22.5	25.1	26.0	27.2	28.3	28.9	29.4	29.6	29.6	29.7	30.2	30.4	30.7
≥ 18000	12.2	18.4	20.8	22.9	25.6	26.5	27.7	28.9	29.6	30.1	30.2	30.2	30.4	30.9	31.0	31.4
≥ 16000	12.2	18.4	20.8	22.9	25.6	26.5	27.7	28.9	29.6	30.1	30.2	30.2	30.4	30.9	31.0	31.4
≥ 14000	12.2	18.4	20.8	22.9	25.6	26.5	27.7	28.9	29.6	30.1	30.2	30.2	30.4	30.9	31.0	31.4
≥ 12000	12.7	18.9	21.3	23.4	26.1	27.1	28.3	29.4	30.1	30.6	30.7	30.7	30.9	31.4	31.5	31.9
≥ 10000	13.4	19.7	22.3	24.4	27.2	28.1	29.3	30.5	31.1	31.7	31.8	31.8	31.9	32.5	32.6	33.0
≥ 9000	14.3	20.6	23.5	25.8	28.5	29.4	30.6	31.8	32.5	33.1	33.2	33.2	33.4	33.9	34.0	34.4
≥ 8000	14.6	20.9	23.8	26.0	29.0	30.0	31.1	32.3	33.0	33.6	33.8	33.8	33.9	34.4	34.6	35.0
7000	14.6	20.9	23.8	26.0	29.0	30.0	31.1	32.3	33.0	33.6	33.8	33.8	33.9	34.4	34.6	35.0
≥ 6000	14.7	21.0	23.9	26.1	29.3	30.2	31.5	33.0	33.6	34.3	34.4	34.4	34.6	35.1	35.2	35.6
≥ 5000	15.1	21.3	24.2	26.4	29.6	30.5	31.8	33.2	33.9	34.6	34.7	34.7	34.8	35.3	35.5	35.9
≥ 4500	15.2	21.8	24.7	26.9	30.2	31.1	32.5	33.9	34.6	35.2	35.3	35.3	35.5	36.0	36.1	36.5
≥ 4000	16.4	23.4	26.5	28.8	32.2	33.2	34.7	36.1	36.8	37.8	38.0	38.0	38.1	38.6	38.8	39.2
≥ 3500	17.2	24.3	27.5	29.7	33.4	34.4	35.9	37.3	38.0	39.0	39.2	39.2	39.3	39.8	39.9	40.3
≥ 3000	18.8	26.9	30.1	32.5	36.3	37.5	39.0	40.5	41.3	42.3	42.4	42.4	42.6	43.1	43.2	43.6
≥ 2500	21.4	30.2	33.6	36.0	40.1	41.3	42.8	44.3	45.1	46.1	46.5	46.5	46.6	47.2	47.3	47.7
≥ 2000	25.2	36.0	39.7	42.3	46.5	47.7	49.3	51.0	51.8	53.1	53.5	53.5	53.6	54.1	54.3	54.7
≥ 1800	25.9	37.7	41.7	44.3	48.5	49.7	51.2	53.0	53.7	55.1	55.5	55.5	55.6	56.1	56.2	56.6
≥ 1500	29.2	42.4	47.0	50.1	55.3	56.8	58.5	60.7	61.6	62.9	63.3	63.3	63.5	64.0	64.1	64.5
≥ 1200	30.9	45.2	49.9	53.5	59.5	61.5	63.2	66.0	67.0	68.5	69.0	69.0	69.1	69.6	69.8	70.2
≥ 1000	31.5	46.9	51.6	55.5	62.5	64.7	66.5	69.5	70.6	72.4	73.1	73.2	73.3	73.9	74.0	74.4
≥ 900	31.5	46.9	51.6	55.5	62.9	65.0	67.0	70.2	71.4	73.2	73.9	74.0	74.1	74.6	74.8	75.2
≥ 800	32.7	48.8	53.9	58.1	66.1	68.3	70.8	74.0	76.0	77.8	78.4	78.7	78.8	79.4	79.5	79.9
≥ 700	33.1	49.0	54.3	58.7	67.4	69.6	72.3	75.7	77.7	79.6	80.3	80.6	80.7	81.2	81.3	81.7
≥ 600	33.2	49.4	54.7	59.3	68.5	70.7	73.9	77.4	79.6	81.9	82.5	82.8	82.9	83.4	83.6	84.0
≥ 500	33.5	49.8	55.2	60.1	70.0	72.5	76.2	80.7	83.3	86.2	87.0	87.3	87.5	88.0	88.2	88.6
≥ 400	33.5	49.8	55.2	60.1	70.4	72.9	76.9	81.5	84.6	88.0	88.8	89.2	89.6	90.1	90.3	90.7
≥ 300	33.5	49.8	55.2	60.1	70.7	73.2	77.3	82.1	85.3	90.1	91.3	91.9	92.8	93.7	93.8	94.2
≥ 200	33.5	49.8	55.2	60.1	70.7	73.2	77.3	82.1	85.4	90.7	92.1	92.8	94.2	95.8	96.5	97.1
≥ 100	33.5	49.8	55.2	60.1	70.7	73.2	77.3	82.1	85.4	90.7	92.1	92.8	94.5	96.1	96.7	100.0
≥ 0	33.5	49.8	55.2	60.1	70.7	73.2	77.3	82.1	85.4	90.7	92.1	92.8	94.5	96.1	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 761

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

STATION	STATION NAME	YEARS	MONTH
[illegible]100	BITBURG AB DL	73-81	FEB

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	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.1	23.9	21.3	21.9	24.8	25.2	25.8	26.2	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 20000	22.1	26.2	26.7	28.1	31.7	32.1	32.8	33.3	33.4	33.8	33.8	33.9	33.9	33.9	33.9	33.9
≥ 18000	22.1	26.2	26.7	28.1	31.7	32.1	32.8	33.3	33.4	33.8	33.8	33.9	33.9	33.9	33.9	33.9
≥ 6000	22.1	26.2	26.7	28.1	31.7	32.1	32.8	33.3	33.4	33.8	33.8	33.9	33.9	33.9	33.9	33.9
≥ 14000	22.1	26.2	26.7	28.1	31.7	32.1	32.8	33.3	33.4	33.8	33.8	33.9	33.9	33.9	33.9	33.9
≥ 12000	23.0	27.5	28.0	29.5	33.0	33.6	34.2	34.7	34.9	35.3	35.3	35.4	35.4	35.4	35.4	35.4
≥ 10000	23.5	28.1	28.7	30.1	33.8	34.3	35.0	35.8	35.9	36.3	36.3	36.5	36.5	36.5	36.5	36.5
≥ 9000	24.0	29.1	29.6	31.2	35.0	35.5	36.3	37.3	37.5	37.9	37.9	38.0	38.0	38.0	38.0	38.0
≥ 8000	24.8	30.1	30.6	32.2	36.1	36.9	37.8	39.0	39.2	39.6	39.6	39.8	39.8	39.8	39.8	39.8
≥ 7000	25.1	30.4	31.0	32.6	36.6	37.4	38.3	39.5	39.8	40.2	40.2	40.3	40.3	40.3	40.3	40.3
≥ 6000	25.1	30.4	31.0	32.6	36.6	37.4	38.3	39.5	39.8	40.2	40.2	40.3	40.3	40.3	40.3	40.3
≥ 5000	26.0	31.3	32.0	33.7	37.6	38.4	39.4	40.6	40.8	41.2	41.2	41.3	41.3	41.3	41.3	41.3
≥ 4500	26.6	32.0	32.8	34.5	38.4	39.2	40.2	41.3	41.6	42.0	42.0	42.1	42.1	42.1	42.1	42.1
≥ 4000	27.9	33.6	34.5	36.5	40.4	41.2	42.1	43.5	43.7	44.1	44.1	44.3	44.3	44.3	44.3	44.3
≥ 3500	29.9	36.2	37.1	39.1	43.1	43.9	44.8	46.1	46.4	46.8	46.8	46.9	46.9	46.9	46.9	46.9
≥ 3000	32.4	39.9	41.0	42.9	47.2	48.0	49.0	50.7	51.0	51.4	51.4	51.5	51.5	51.5	51.5	51.5
≥ 2500	35.3	43.2	44.4	46.5	51.1	51.9	53.0	54.7	55.0	55.4	55.4	55.5	55.5	55.5	55.5	55.5
≥ 2000	40.8	51.5	53.1	55.9	61.2	62.0	63.0	64.7	65.0	65.4	65.4	65.5	65.5	65.5	65.5	65.5
≥ 1800	41.7	52.6	54.2	56.9	62.2	63.0	64.1	65.8	66.1	66.4	66.4	66.6	66.6	66.6	66.6	66.6
≥ 1500	44.5	56.7	59.4	62.6	69.1	69.9	71.1	72.8	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7
≥ 1200	46.5	59.0	62.1	65.4	73.6	74.4	75.7	77.4	77.8	78.3	78.3	78.5	78.5	78.5	78.5	78.5
≥ 1000	47.2	60.4	63.5	66.8	76.0	76.9	78.6	80.6	81.2	81.8	81.8	81.9	81.9	81.9	81.9	81.9
≥ 900	47.2	60.4	63.5	67.0	76.4	77.4	79.4	81.4	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7
≥ 800	48.0	62.2	65.5	69.2	79.3	80.4	82.4	84.4	85.2	85.9	85.9	86.0	86.0	86.0	86.0	86.0
≥ 700	48.3	62.7	66.3	70.4	80.8	82.0	84.4	86.8	87.8	88.5	88.5	89.0	89.0	89.0	89.0	89.0
≥ 600	48.3	62.7	66.3	70.4	81.1	82.3	84.7	87.5	88.5	89.2	89.2	89.7	89.7	89.7	89.7	89.7
≥ 500	49.0	63.5	67.2	71.5	82.3	83.8	86.1	89.0	90.2	91.3	91.3	91.8	91.8	91.8	91.8	91.8
≥ 400	49.0	63.5	67.2	71.5	82.6	84.0	86.4	89.4	90.9	92.7	92.9	93.4	93.4	93.4	93.4	93.4
≥ 300	49.0	63.5	67.2	71.6	82.7	84.1	86.5	89.7	91.5	93.8	94.5	95.4	95.9	96.2	96.3	96.3
≥ 200	49.0	63.5	67.2	71.6	82.7	84.1	86.5	89.7	91.5	93.8	94.7	95.6	96.4	97.1	97.9	98.4
≥ 100	49.0	63.5	67.2	71.6	82.7	84.1	86.5	89.7	91.5	93.8	94.7	95.6	96.4	97.1	98.3	100.0
≥ 0	49.0	63.5	67.2	71.6	82.7	84.1	86.5	89.7	91.5	93.8	94.7	95.6	96.4	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 757

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 10	BITBURG AB DL	73-81	FEB
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.1	23.4	24.1	24.9	27.7	27.7	28.6	29.3	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 20000	23.1	28.0	29.0	30.2	33.5	33.5	34.4	35.2	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 18000	23.1	28.1	29.2	30.3	33.6	33.8	34.7	35.5	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	23.1	28.1	29.2	30.3	33.6	33.8	34.7	35.5	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	23.1	28.1	29.2	30.3	33.6	33.8	34.7	35.5	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000	23.1	28.6	29.7	30.9	34.2	34.6	35.5	36.3	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 10000	23.6	29.7	30.9	32.3	35.8	36.1	37.1	37.9	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 9000	24.4	30.7	31.9	33.4	37.2	37.6	38.5	39.3	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	26.4	32.8	34.2	35.6	39.7	40.1	41.0	42.0	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000	26.5	33.0	34.3	35.8	40.2	40.6	41.6	42.5	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 6000	26.8	33.2	34.6	36.0	40.5	40.9	41.8	42.7	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 5000	28.1	34.4	35.8	37.2	42.0	42.3	43.3	44.2	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 4500	28.5	35.2	36.5	38.1	43.0	43.4	44.3	45.3	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 4000	29.3	36.1	37.5	39.1	43.9	44.3	45.3	46.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 3500	31.4	40.1	41.6	43.1	48.2	48.5	49.5	50.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 3000	33.6	42.7	44.3	46.2	51.3	51.7	52.6	54.0	54.4	54.7	54.9	54.9	54.9	54.9	54.9	54.9
≥ 2500	35.9	45.8	47.4	49.2	54.5	55.3	56.3	57.7	58.0	58.4	58.6	58.6	58.6	58.6	58.6	58.6
≥ 2000	40.4	52.2	54.2	57.0	63.2	64.0	65.6	66.9	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1800	41.0	52.9	54.9	58.0	64.4	65.2	66.8	68.1	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1500	43.4	56.3	59.0	62.5	70.1	71.0	73.0	74.4	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1200	44.2	57.5	60.2	64.5	72.7	74.1	76.4	77.8	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1000	44.9	58.7	61.7	66.5	75.3	77.0	79.7	81.4	82.1	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 900	45.0	58.8	61.9	66.6	75.7	77.4	80.2	81.9	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	45.8	60.0	63.1	67.8	77.2	78.9	82.2	84.0	85.0	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 700	46.2	61.1	64.1	69.1	78.5	80.3	83.8	86.5	87.7	88.9	89.1	89.2	89.3	89.3	89.3	89.3
≥ 600	46.2	61.1	64.1	69.1	78.8	80.6	84.2	86.9	88.4	89.6	89.7	89.8	90.0	90.0	90.0	90.0
≥ 500	46.4	61.5	64.6	69.8	79.7	81.5	85.2	88.1	89.6	90.9	91.0	91.2	91.3	91.3	91.3	91.3
≥ 400	46.4	61.5	64.6	69.8	79.8	81.7	85.5	88.5	90.2	91.7	91.8	92.1	92.3	92.3	92.3	92.3
≥ 300	46.4	61.5	64.6	69.8	79.8	81.7	85.8	89.3	91.7	93.9	94.5	94.9	95.1	95.4	95.5	95.5
≥ 200	46.4	61.5	64.6	69.8	79.8	81.7	85.8	89.3	91.8	94.2	95.0	96.0	96.6	97.6	97.8	98.4
≥ 100	46.4	61.5	64.6	69.8	79.8	81.7	85.8	89.3	91.8	94.2	95.1	96.2	96.7	98.3	98.5	100.0
≥ 0	46.4	61.5	64.6	69.8	79.8	81.7	85.8	89.3	91.8	94.2	95.1	96.2	96.7	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]10 BITBURG AB DL 73-81 FEB
STATION STATION NAME YEARS 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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.2	26.1	27.0	28.1	31.1	31.1	31.1	31.6	31.6	31.8	31.9	31.9	31.9	32.2	32.2	32.4
≥ 20000	24.5	29.3	30.2	31.3	35.0	35.0	35.0	35.8	36.0	36.0	36.2	36.2	36.2	36.4	36.4	36.7
≥ 18000	24.5	29.3	30.2	31.3	35.0	35.4	35.4	36.2	36.4	36.7	37.0	37.0	37.0	37.2	37.2	37.5
≥ 16000	24.5	29.3	30.2	31.3	35.0	35.4	35.4	36.2	36.4	36.7	37.0	37.0	37.0	37.2	37.2	37.5
≥ 14000	24.5	29.3	30.2	31.3	35.0	35.4	35.4	36.2	36.4	36.7	37.0	37.0	37.0	37.2	37.2	37.5
≥ 12000	24.7	29.7	30.6	31.6	35.5	35.9	35.9	36.7	37.0	37.2	37.5	37.5	37.5	37.8	37.8	38.0
≥ 10000	25.7	31.3	32.2	33.2	37.1	37.5	37.5	38.3	38.8	39.1	39.4	39.4	39.4	39.6	39.6	39.9
≥ 9000	26.3	31.9	32.8	33.9	37.9	38.3	38.3	39.1	39.6	39.9	40.2	40.2	40.2	40.4	40.4	40.7
≥ 8000	27.0	32.7	33.6	34.8	39.1	39.5	39.9	40.7	41.2	41.5	41.8	41.8	41.8	42.0	42.0	42.3
≥ 7000	27.3	33.4	34.3	35.5	39.8	40.3	40.8	41.6	42.2	42.4	42.8	42.8	42.8	43.1	43.1	43.4
≥ 6000	27.4	33.5	34.4	35.6	39.9	40.4	41.0	41.8	42.3	42.6	43.0	43.0	43.0	43.2	43.2	43.5
≥ 5000	27.8	33.9	35.4	36.6	41.4	41.9	42.4	43.2	43.8	44.0	44.4	44.4	44.5	44.8	44.8	45.1
≥ 4500	29.7	35.9	37.4	38.6	43.4	43.9	44.4	45.2	45.7	46.0	46.4	46.4	46.5	46.8	46.8	47.1
≥ 4000	31.5	38.0	39.5	40.7	45.5	46.0	46.5	47.3	47.9	48.1	48.5	48.5	48.8	49.1	49.1	49.5
≥ 3500	33.9	41.2	42.8	44.1	49.1	49.6	50.1	50.9	51.5	51.7	52.1	52.1	52.4	52.7	52.7	53.1
≥ 3000	36.4	43.9	45.5	46.9	52.4	52.9	53.5	54.3	54.8	55.1	55.5	55.5	55.7	56.0	56.0	56.4
≥ 2500	38.4	45.9	47.5	48.9	55.2	55.7	56.4	57.2	57.7	58.0	58.4	58.4	58.6	58.9	58.9	59.3
≥ 2000	42.0	50.5	52.5	54.5	61.3	62.0	62.9	63.7	64.2	64.5	64.9	64.9	65.2	65.4	65.4	65.8
≥ 1800	42.4	50.9	52.9	55.1	61.8	62.5	63.4	64.2	64.8	65.0	65.4	65.4	65.7	66.0	66.0	66.4
≥ 1500	44.4	54.3	56.8	59.4	67.3	68.4	69.5	70.7	71.7	71.9	72.3	72.3	72.7	73.3	73.3	73.7
≥ 1200	45.5	56.0	58.6	61.8	70.1	71.3	72.9	74.2	75.1	75.4	75.8	75.8	76.2	76.7	76.7	77.1
≥ 1000	46.7	57.3	60.2	63.7	73.3	74.6	76.2	77.8	79.1	79.4	79.8	79.8	80.2	80.7	80.7	81.1
≥ 900	47.3	58.2	61.2	64.8	75.1	76.5	78.2	79.8	81.3	81.5	81.9	81.9	82.3	82.8	82.8	83.2
≥ 800	47.5	58.5	61.7	65.3	76.3	77.7	79.7	81.5	83.1	83.4	83.8	83.8	84.2	84.7	84.7	85.1
≥ 700	47.5	58.9	62.1	65.7	77.0	78.5	80.7	83.4	85.2	85.6	86.0	86.0	86.4	87.0	87.0	87.4
≥ 600	47.7	59.2	62.4	66.1	77.5	79.1	81.4	84.2	86.2	86.6	87.0	87.0	87.4	87.9	87.9	88.3
≥ 500	47.9	59.8	63.2	66.9	78.9	80.5	83.0	86.2	88.4	89.0	89.4	89.4	89.8	90.4	90.4	90.8
≥ 400	47.9	59.8	63.2	66.9	79.5	81.1	83.8	88.3	90.6	91.1	91.5	91.5	91.9	92.6	92.6	93.0
≥ 300	47.9	59.8	63.2	66.9	79.9	81.5	84.6	89.6	93.0	93.6	94.1	94.1	94.5	95.2	95.2	96.1
≥ 200	47.9	59.8	63.2	66.9	79.9	81.5	84.6	89.6	93.1	93.8	94.5	94.8	95.2	96.1	96.3	97.6
≥ 100	47.9	59.8	63.2	66.9	79.9	81.5	84.6	89.6	93.2	94.1	94.9	95.2	95.9	97.1	97.7	99.7
≥ 0	47.9	59.8	63.2	66.9	79.9	81.5	84.6	89.6	93.2	94.1	94.9	95.2	95.9	97.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 752

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 4130	GITBURG AB DL	73-81	FEB
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.9	19.7	20.9	22.0	24.4	24.8	25.8	26.7	27.0	27.4	27.6	27.7	27.8	28.0	28.0	28.3
≥ 20000	18.3	22.8	24.2	25.5	28.5	29.0	30.1	31.1	31.4	32.0	32.2	32.3	32.4	32.6	32.7	33.0
≥ 18000	18.4	22.9	24.3	25.6	28.6	29.2	30.3	31.3	31.7	32.3	32.5	32.6	32.7	32.9	33.0	33.3
≥ 16000	18.4	22.9	24.3	25.6	28.6	29.2	30.3	31.3	31.7	32.3	32.5	32.6	32.7	32.9	33.0	33.3
≥ 14000	18.4	22.9	24.3	25.6	28.6	29.2	30.3	31.3	31.7	32.3	32.5	32.6	32.7	32.9	33.0	33.3
≥ 12000	18.6	23.3	24.7	25.9	29.0	29.7	30.7	31.8	32.2	32.8	32.9	33.0	33.1	33.4	33.5	33.8
≥ 10000	19.3	24.2	25.7	27.0	30.1	30.8	31.9	33.0	33.4	34.0	34.2	34.3	34.4	34.6	34.7	35.0
≥ 9000	19.8	24.8	26.3	27.6	30.9	31.5	32.6	33.8	34.2	34.8	35.0	35.1	35.2	35.5	35.6	35.9
≥ 8000	20.6	25.9	27.4	28.8	32.4	33.1	34.4	35.5	36.0	36.7	36.9	37.0	37.0	37.3	37.4	37.7
≥ 7000	20.8	26.2	27.7	29.1	32.8	33.5	34.8	36.0	36.6	37.2	37.4	37.5	37.6	37.8	37.9	38.2
≥ 6000	20.9	26.3	27.9	29.2	32.9	33.7	35.0	36.3	36.8	37.4	37.6	37.7	37.8	38.1	38.1	38.5
≥ 5000	21.4	26.9	28.6	30.0	33.8	34.6	36.0	37.2	37.7	38.4	38.6	38.7	38.8	39.1	39.2	39.5
≥ 4500	22.3	27.9	29.7	31.1	35.2	35.9	37.3	38.6	39.1	39.7	39.9	40.0	40.2	40.5	40.5	40.9
≥ 4000	23.6	29.4	31.3	32.9	37.1	37.9	39.3	40.7	41.2	41.9	42.1	42.2	42.4	42.7	42.7	43.1
≥ 3500	25.2	31.7	33.7	35.3	39.7	40.5	42.1	43.5	44.1	44.8	45.0	45.1	45.3	45.5	45.6	46.0
≥ 3000	27.3	34.3	36.5	38.2	42.9	43.7	45.4	46.8	47.5	48.2	48.4	48.5	48.7	49.0	49.1	49.4
≥ 2500	29.4	36.9	39.1	40.9	45.9	46.9	48.7	50.2	50.9	51.6	51.9	52.0	52.2	52.5	52.6	52.9
≥ 2000	32.7	41.6	44.2	46.4	52.0	53.1	55.0	56.6	57.3	58.1	58.4	58.5	58.6	58.9	59.0	59.4
≥ 1800	33.5	42.6	45.2	47.5	53.2	54.3	56.4	58.0	58.7	59.5	59.8	59.9	60.1	60.4	60.5	60.8
≥ 1500	36.4	46.8	50.0	52.6	59.6	60.9	63.3	65.2	66.1	67.1	67.3	67.4	67.6	68.0	68.1	68.4
≥ 1200	38.2	49.5	52.9	55.9	63.7	65.3	67.9	69.8	70.9	71.9	72.1	72.3	72.4	72.8	72.9	73.2
≥ 1000	39.4	51.3	55.0	58.3	67.3	69.0	71.9	74.1	75.3	76.4	76.7	76.9	77.0	77.4	77.5	77.8
≥ 900	39.7	51.8	55.5	58.9	68.2	69.9	72.9	75.2	76.5	77.6	77.9	78.1	78.2	78.6	78.7	79.0
≥ 800	40.4	53.0	56.8	60.4	70.3	72.1	75.4	77.9	79.3	80.6	80.9	81.1	81.2	81.6	81.7	82.0
≥ 700	40.8	53.7	57.7	61.4	71.7	73.7	77.2	80.3	81.9	83.3	83.6	83.8	84.0	84.4	84.5	84.8
≥ 600	41.1	54.1	58.1	62.0	72.6	74.6	78.4	81.6	83.4	84.8	85.2	85.4	85.6	86.0	86.1	86.4
≥ 500	41.4	54.7	58.8	62.9	73.9	76.0	80.1	83.8	85.9	87.5	87.9	88.1	88.4	88.9	89.0	89.3
≥ 400	41.5	54.7	58.9	63.0	74.4	76.6	80.9	84.9	87.3	89.3	89.6	89.9	90.2	90.7	90.8	91.1
≥ 300	41.5	54.7	58.9	63.1	74.6	76.8	81.3	85.6	88.6	91.1	91.7	92.1	92.6	93.2	93.4	93.8
≥ 200	41.5	54.7	58.9	63.1	74.6	76.8	81.3	85.7	88.9	91.7	92.5	93.0	93.8	95.1	95.6	96.9
≥ 100	41.5	54.8	59.0	63.2	74.6	76.8	81.4	85.8	89.0	91.9	92.7	93.3	94.2	95.9	97.2	99.9
≥ 0	41.5	54.8	59.0	63.2	74.6	76.8	81.4	85.8	89.0	91.9	92.8	93.3	94.2	95.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6046

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-1100	BITBURG AB DL	73-81	MAR
STATION	STATION NAME	YEARS	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	23.3	27.7	28.9	29.2	30.3	30.7	31.8	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.7
≥ 20000	26.4	32.0	33.1	33.5	34.8	35.2	36.4	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.4
≥ 18000	27.0	32.6	33.7	34.1	35.4	35.8	37.1	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.9	38.1
≥ 16000	27.0	32.6	33.7	34.1	35.4	35.8	37.1	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.9	38.1
≥ 14000	27.0	32.6	33.7	34.1	35.4	35.8	37.1	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.9	38.1
≥ 12000	27.0	32.6	33.7	34.1	35.6	36.2	37.4	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.4
≥ 10000	27.7	33.3	34.5	35.3	36.9	37.6	38.9	39.6	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.2
≥ 9000	28.1	34.1	35.2	36.2	37.8	38.6	39.9	40.5	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.2
≥ 8000	28.9	34.8	35.9	36.9	38.8	39.6	40.9	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.5
≥ 7000	29.4	35.7	36.8	38.1	39.9	40.7	42.0	42.8	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.7
≥ 6000	29.6	35.9	37.1	38.4	40.3	41.0	42.4	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.9	44.0
≥ 5000	31.7	38.7	39.9	41.3	43.2	43.9	45.3	46.0	46.6	46.6	46.6	46.6	46.6	46.8	46.9	
≥ 4500	34.6	41.7	43.0	44.7	46.6	47.4	48.8	49.5	50.1	50.1	50.1	50.1	50.1	50.2	50.4	50.5
≥ 4000	36.6	44.4	45.9	47.6	49.6	50.6	52.1	53.5	54.1	54.2	54.2	54.2	54.2	54.4	54.5	54.6
≥ 3500	39.3	48.0	49.6	51.5	53.5	54.5	56.0	57.3	58.0	58.1	58.1	58.1	58.1	58.2	58.3	58.5
≥ 3000	41.7	52.2	53.9	56.1	58.2	59.2	60.9	62.3	63.1	63.2	63.2	63.2	63.2	63.3	63.4	63.6
≥ 2500	43.0	54.1	55.8	58.1	60.2	61.2	62.9	64.3	65.0	65.2	65.2	65.2	65.2	65.3	65.4	65.5
≥ 2000	46.0	57.8	59.7	62.2	64.8	65.8	67.7	69.0	69.8	69.9	69.9	69.9	69.9	70.0	70.1	70.3
≥ 1800	46.3	58.1	60.2	62.9	65.8	66.8	68.7	70.0	70.8	70.9	70.9	70.9	70.9	71.0	71.1	71.3
≥ 1500	48.9	61.4	64.1	67.3	71.3	72.4	74.4	76.1	76.9	77.0	77.0	77.0	77.0	77.1	77.2	77.4
≥ 1200	50.7	63.8	66.7	70.3	74.8	75.9	77.9	79.7	80.5	80.6	80.6	80.6	80.6	80.7	80.8	81.0
≥ 1000	52.1	65.5	69.2	73.0	77.9	79.1	81.1	83.3	84.1	84.2	84.2	84.2	84.2	84.3	84.5	84.6
≥ 900	52.4	65.8	69.5	73.4	78.2	79.5	81.5	83.7	84.5	84.6	84.6	84.6	84.6	84.7	84.8	85.0
≥ 800	53.1	66.5	70.6	74.9	79.9	81.1	83.2	85.4	86.2	86.3	86.3	86.4	86.4	86.6	86.7	86.8
≥ 700	54.4	68.3	72.6	77.2	83.1	84.3	87.1	89.3	90.4	90.8	90.8	90.9	90.9	91.0	91.2	91.3
≥ 600	54.7	68.9	73.3	77.9	83.8	85.2	88.2	90.5	91.7	92.0	92.2	92.3	92.3	92.4	92.5	92.8
≥ 500	55.0	69.4	74.0	78.6	84.8	86.4	89.8	92.4	93.8	94.2	94.3	94.4	94.4	94.5	94.7	94.9
≥ 400	55.0	69.5	74.1	78.7	85.0	86.6	89.9	92.9	94.5	94.9	95.0	95.1	95.1	95.3	95.4	95.6
≥ 300	55.0	69.5	74.1	79.0	85.2	86.8	90.4	93.5	95.3	96.0	96.3	96.5	96.6	97.0	97.4	97.6
≥ 200	55.0	69.5	74.1	79.0	85.2	86.8	90.5	94.0	96.3	97.3	97.5	97.8	98.0	98.5	99.0	99.3
≥ 100	55.0	69.5	74.1	79.0	85.2	86.8	90.5	94.0	96.3	97.3	97.5	98.0	98.3	98.8	99.5	100.0
≥ 0	55.0	69.5	74.1	79.0	85.2	86.8	90.5	94.0	96.3	97.3	97.5	98.0	98.3	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 804

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1100	GITBURG AB OL	73-81	MAR
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.7	21.9	22.5	23.4	24.4	24.9	26.5	27.2	27.6	27.7	27.7	27.7	27.9	28.0	28.4	28.5
≥ 20000	20.5	24.9	26.9	27.7	28.7	29.2	31.0	31.7	32.2	32.3	32.3	32.3	32.5	32.6	33.0	33.1
≥ 18000	20.5	24.9	26.9	27.7	28.7	29.2	31.0	31.7	32.2	32.3	32.3	32.3	32.5	32.6	33.0	33.1
≥ 16000	20.5	24.9	26.9	27.7	28.7	29.2	31.0	31.7	32.2	32.3	32.3	32.3	32.5	32.6	33.0	33.1
≥ 14000	20.8	25.1	27.1	28.0	29.0	29.5	31.2	32.0	32.5	32.6	32.6	32.6	32.7	32.8	33.2	33.3
≥ 12000	20.9	25.2	27.2	28.1	29.1	29.6	31.3	32.1	32.6	32.7	32.7	32.7	32.8	33.0	33.3	33.5
≥ 10000	21.1	25.5	27.5	29.0	30.2	30.8	32.6	33.3	34.0	34.1	34.1	34.1	34.2	34.3	34.7	34.8
≥ 9000	21.9	26.4	28.4	29.9	31.1	31.7	33.5	34.2	34.8	35.0	35.0	35.0	35.1	35.2	35.6	35.7
≥ 8000	22.8	28.0	30.0	31.5	32.8	33.6	35.6	36.3	37.2	37.3	37.3	37.3	37.4	37.6	37.9	38.1
≥ 7000	23.1	28.5	30.5	32.0	33.3	34.1	36.1	36.8	37.7	37.8	37.8	37.8	37.9	38.1	38.4	38.6
≥ 6000	23.3	28.6	30.6	32.1	33.5	34.2	36.2	36.9	37.8	37.9	37.9	37.9	38.1	38.2	38.6	38.7
≥ 5000	24.3	30.1	32.2	33.7	35.3	36.1	38.1	38.9	39.8	39.9	39.9	39.9	40.2	40.3	40.7	40.8
≥ 4500	27.1	33.6	36.1	37.9	39.7	40.4	42.4	43.8	44.8	44.9	44.9	44.9	45.1	45.4	45.8	45.9
≥ 4000	28.4	35.6	38.4	40.3	42.0	42.9	44.9	46.3	47.3	47.4	47.4	47.4	47.6	47.9	48.3	48.4
≥ 3500	29.9	37.7	41.2	43.2	44.9	45.8	47.8	49.1	50.1	50.2	50.2	50.2	50.5	50.7	51.1	51.2
≥ 3000	32.6	41.3	45.1	47.3	49.0	49.9	52.2	53.6	55.0	55.1	55.1	55.1	55.3	55.6	56.0	56.1
≥ 2500	34.2	43.0	47.1	49.4	51.7	52.6	55.0	56.5	57.8	58.0	58.0	58.0	58.2	58.5	58.8	59.0
≥ 2000	37.3	46.3	50.4	52.7	55.6	56.6	59.2	61.1	62.4	62.6	62.6	62.6	62.8	63.1	63.4	63.6
≥ 1800	38.2	47.4	51.5	53.9	56.7	57.7	60.3	62.3	63.7	63.8	63.8	63.8	64.1	64.3	64.7	64.8
≥ 1500	41.9	51.6	56.3	59.2	62.2	63.2	66.2	68.2	69.5	69.9	69.9	69.9	70.1	70.4	70.8	70.9
≥ 1200	44.8	55.5	60.3	63.6	67.0	68.2	71.3	73.4	74.8	75.2	75.2	75.2	75.5	75.7	76.1	76.2
≥ 1000	47.6	58.6	63.9	67.2	70.9	72.0	75.4	77.5	78.9	79.4	79.4	79.4	79.6	79.9	80.2	80.3
≥ 900	47.9	59.0	64.4	67.7	71.5	72.6	76.1	78.4	79.7	80.2	80.2	80.2	80.5	80.7	81.1	81.2
≥ 800	49.4	60.9	66.5	70.0	74.6	75.7	80.0	82.2	83.7	84.3	84.3	84.3	84.6	84.8	85.2	85.3
≥ 700	49.8	61.4	67.0	70.6	75.6	76.9	81.3	83.6	85.3	86.2	86.3	86.3	86.6	86.8	87.2	87.3
≥ 600	49.9	61.7	67.3	70.9	76.2	77.5	82.0	84.2	85.9	86.8	86.9	86.9	87.2	87.4	87.8	87.9
≥ 500	50.0	62.2	68.2	72.1	78.4	79.6	84.3	86.8	88.9	89.8	89.9	89.9	90.2	90.4	90.9	91.2
≥ 400	50.0	62.2	68.2	72.1	78.6	80.0	85.3	88.2	90.5	91.4	91.5	91.5	91.8	92.0	92.5	92.8
≥ 300	50.2	62.4	68.5	72.5	79.5	80.8	86.3	89.2	92.0	93.4	93.9	93.9	94.2	94.5	95.0	95.3
≥ 200	50.2	62.4	68.5	72.5	79.5	80.8	86.3	89.7	92.8	94.4	94.9	94.9	95.3	95.9	97.1	97.8
≥ 100	50.2	62.4	68.5	72.5	79.5	80.8	86.3	89.7	92.9	94.7	95.1	95.1	95.9	96.6	98.3	100.0
≥ 0	50.2	62.4	68.5	72.5	79.5	80.8	86.3	89.7	92.9	94.7	95.1	95.1	95.9	96.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 804

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]100 | BITBURG AB DL | 73-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
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	12.6	17.0	18.8	20.0	21.6	22.1	23.4	24.1	24.4	24.4	24.4	24.8	24.8	24.8	25.4	26.0
≥ 20000	14.1	18.9	20.7	22.1	23.8	24.3	25.6	26.6	27.2	27.3	27.5	27.8	27.8	27.8	28.6	29.2
≥ 18000	14.1	18.9	20.7	22.1	23.9	24.4	25.7	26.7	27.3	27.5	27.6	27.9	27.9	27.9	28.7	29.3
≥ 16000	14.1	18.9	20.7	22.1	23.9	24.4	25.7	26.7	27.3	27.5	27.6	27.9	27.9	27.9	28.7	29.3
≥ 14000	14.1	18.9	20.7	22.1	23.9	24.4	25.7	26.7	27.3	27.5	27.6	27.9	27.9	27.9	28.7	29.3
≥ 12000	14.1	18.9	20.7	22.1	23.9	24.4	25.7	26.7	27.3	27.5	27.6	27.9	27.9	27.9	28.7	29.3
≥ 10000	15.8	20.6	22.5	24.0	26.3	26.8	28.2	29.3	29.9	30.0	30.1	30.5	30.5	30.5	31.3	31.9
≥ 9000	15.8	20.6	22.7	24.1	26.5	27.0	28.3	29.4	30.0	30.1	30.3	30.6	30.6	30.6	31.4	32.0
≥ 8000	17.2	22.2	24.3	25.7	28.1	28.6	29.9	31.1	32.0	32.1	32.2	32.6	32.7	32.7	33.5	34.1
≥ 7000	17.4	22.4	24.5	26.0	28.4	28.9	30.3	31.5	32.4	32.5	32.6	33.0	33.1	33.1	33.8	34.4
≥ 6000	17.4	22.4	24.5	26.0	28.4	28.9	30.3	31.5	32.4	32.5	32.6	33.0	33.1	33.1	33.8	34.4
≥ 5000	18.8	23.8	26.1	27.6	30.3	30.8	32.1	33.3	34.2	34.3	34.4	34.8	34.9	34.9	35.7	36.4
≥ 4500	21.4	27.8	30.3	32.0	34.9	35.4	36.9	38.4	39.2	39.3	39.5	39.8	40.0	40.0	40.7	41.4
≥ 4000	22.4	29.4	32.0	33.7	36.6	37.1	38.7	40.2	41.1	41.2	41.3	41.7	41.8	41.8	42.6	43.4
≥ 3500	23.5	30.9	33.6	35.3	38.5	39.0	40.8	42.3	43.1	43.3	43.4	43.8	43.9	43.9	45.0	45.7
≥ 3000	25.9	34.4	37.4	39.3	43.0	43.5	45.7	47.2	48.0	48.2	48.4	48.8	48.9	48.9	50.0	50.7
≥ 2500	27.7	36.5	39.6	41.5	45.7	46.2	48.4	50.1	51.0	51.1	51.3	51.7	51.8	51.8	52.9	53.7
≥ 2000	31.3	40.7	44.2	46.3	51.0	51.5	53.9	56.3	57.5	57.8	58.1	58.5	58.6	58.6	59.7	60.4
≥ 1800	31.6	41.1	44.6	46.7	51.6	52.1	54.5	56.9	58.1	58.5	58.7	59.1	59.2	59.2	60.3	61.0
≥ 1500	34.2	44.7	48.7	51.0	56.3	56.7	59.7	62.5	63.7	64.3	64.7	65.1	65.2	65.3	66.4	67.2
≥ 1200	38.1	49.6	53.7	56.6	62.4	62.9	66.3	69.2	70.6	71.2	71.6	71.9	72.1	72.2	73.3	74.0
≥ 1000	40.3	52.6	57.0	60.2	66.4	66.9	70.7	73.7	75.1	75.9	76.2	76.6	76.7	76.8	77.9	78.7
≥ 900	40.7	53.2	57.8	61.0	67.4	67.9	71.7	74.6	76.1	76.8	77.2	77.6	77.7	77.8	78.9	79.7
≥ 800	42.0	54.8	59.7	62.9	70.0	70.7	74.8	77.9	79.5	80.4	80.8	81.1	81.3	81.4	82.5	83.2
≥ 700	42.6	55.5	61.0	64.6	72.4	73.2	77.6	81.0	82.7	83.6	83.9	84.3	84.4	84.6	85.7	86.4
≥ 600	42.9	55.8	61.3	65.0	73.7	74.5	79.3	82.7	84.4	85.3	85.7	86.0	86.2	86.3	87.4	88.1
≥ 500	42.9	55.8	61.3	65.2	74.6	75.6	80.9	84.8	86.9	87.7	88.1	88.6	88.7	88.8	90.2	91.1
≥ 400	42.9	55.8	61.3	65.2	75.0	76.0	81.4	85.4	87.5	88.4	88.7	89.2	89.3	89.5	90.8	91.7
≥ 300	42.9	55.9	61.4	65.4	75.6	76.6	82.1	86.4	88.7	89.7	90.3	90.8	90.9	91.2	92.6	93.5
≥ 200	42.9	55.9	61.4	65.4	75.6	76.7	82.2	86.6	89.2	90.4	91.2	92.2	92.8	93.3	95.7	97.1
≥ 100	42.9	55.9	61.4	65.4	75.6	76.7	82.4	86.8	89.3	90.9	91.8	92.8	93.4	94.5	97.4	99.9
≥ 0	42.9	55.9	61.4	65.4	75.6	76.7	82.4	86.8	89.5	91.1	91.9	92.9	93.5	94.6	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 816

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

13100	BITBURG AB DL	73-81	MAR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	10.3	13.8	14.4	14.5	17.1	17.9	19.3	20.3	20.8	21.1	21.1	21.1	21.1	21.1	21.2	21.4
≥ 20000	12.2	16.1	16.7	17.0	20.9	21.7	23.3	24.7	25.2	25.9	26.0	26.0	26.0	26.1	26.7	27.1
≥ 18000	12.0	16.1	16.7	17.1	21.0	22.0	23.6	25.0	25.5	26.3	26.4	26.4	26.4	26.5	27.1	27.5
≥ 16000	12.1	16.2	16.8	17.2	21.1	22.1	23.7	25.2	25.6	26.4	26.5	26.5	26.5	26.6	27.2	27.6
≥ 14000	12.1	16.2	16.8	17.2	21.1	22.1	23.7	25.2	25.6	26.4	26.5	26.5	26.5	26.6	27.2	27.6
≥ 12000	12.1	16.2	16.8	17.2	21.2	22.2	23.8	25.3	25.8	26.5	26.6	26.6	26.6	26.7	27.4	27.7
≥ 10000	12.9	17.3	18.1	18.6	23.1	24.1	25.9	27.4	27.8	28.6	28.7	28.7	28.7	28.8	29.4	29.8
≥ 9000	13.3	17.8	18.6	19.2	23.9	24.9	26.7	28.2	28.7	29.4	29.5	29.5	29.5	29.7	30.3	30.6
≥ 8000	14.7	19.2	19.9	20.6	25.8	26.7	28.6	30.4	31.1	31.9	32.0	32.0	32.0	32.5	33.1	33.7
≥ 7000	14.9	19.4	20.1	20.9	26.0	27.0	28.8	30.6	31.4	32.1	32.2	32.2	32.2	32.7	33.3	33.9
≥ 6000	14.9	19.4	20.1	20.9	26.0	27.0	28.8	30.6	31.4	32.1	32.2	32.2	32.2	32.7	33.3	33.9
≥ 5000	15.6	20.3	21.2	22.5	28.1	29.1	31.3	33.2	34.1	34.8	34.9	34.9	34.9	35.4	36.1	36.8
≥ 4500	16.6	21.9	23.0	24.3	30.3	31.3	33.5	35.4	36.3	37.1	37.2	37.2	37.2	37.7	38.5	39.1
≥ 4000	17.9	23.2	24.4	25.9	32.1	33.1	35.4	37.5	38.3	39.2	39.3	39.4	39.4	39.9	40.7	41.3
≥ 3500	18.8	24.3	25.6	27.2	33.8	34.8	37.1	39.3	40.2	41.0	41.1	41.3	41.3	41.8	42.5	43.1
≥ 3000	21.9	28.2	29.7	31.5	38.9	39.9	42.4	45.1	45.9	46.9	47.0	47.1	47.1	47.6	48.4	49.1
≥ 2500	24.2	30.6	32.2	34.4	42.1	43.2	45.8	48.7	49.6	50.5	50.7	50.8	50.8	51.3	52.0	52.7
≥ 2000	27.5	34.7	36.5	38.8	47.1	48.5	51.3	54.2	55.1	56.3	56.4	56.5	56.5	57.0	57.8	58.5
≥ 1800	27.7	35.0	37.0	39.4	48.1	49.5	52.4	55.3	56.2	57.4	57.5	57.6	57.6	58.1	58.9	59.6
≥ 1500	30.4	39.1	41.5	44.6	54.1	55.4	58.6	62.1	63.1	64.8	65.0	65.2	65.2	65.8	66.5	67.3
≥ 1200	31.9	41.5	44.6	48.1	59.0	60.4	63.7	67.6	68.9	70.8	70.9	71.2	71.2	71.8	72.5	73.3
≥ 1000	33.5	43.7	47.1	51.0	63.1	64.6	68.3	72.2	73.4	75.5	75.6	75.8	75.8	76.4	77.2	77.9
≥ 900	33.5	44.1	47.5	51.5	63.7	65.4	69.1	73.0	74.2	76.6	76.7	76.9	76.9	77.5	78.3	79.0
≥ 800	34.2	45.3	48.8	53.1	66.4	68.1	72.0	76.4	77.8	80.1	80.2	80.5	80.5	81.1	81.8	82.5
≥ 700	34.9	46.2	49.8	54.5	68.0	69.8	73.9	78.9	80.5	82.8	82.9	83.2	83.2	83.8	84.5	85.2
≥ 600	35.2	46.6	50.5	55.3	70.2	72.3	76.6	82.1	83.6	86.0	86.1	86.3	86.3	86.9	87.7	88.4
≥ 500	35.2	47.0	50.9	55.7	70.7	72.9	77.9	83.6	85.2	87.9	88.0	88.5	88.5	89.1	89.9	90.6
≥ 400	35.2	47.1	51.0	55.8	71.2	73.4	79.1	85.0	86.8	89.9	90.1	90.6	90.6	91.2	91.9	92.7
≥ 300	35.2	47.1	51.0	55.8	71.4	73.6	79.4	85.8	88.0	91.3	91.7	92.2	92.3	93.3	94.0	94.7
≥ 200	35.2	47.1	51.0	55.8	71.4	73.6	79.4	85.8	88.2	92.1	92.4	92.9	93.3	95.0	96.1	97.4
≥ 100	35.2	47.1	51.0	55.8	71.4	73.6	79.4	85.8	88.3	92.4	92.9	93.4	93.8	95.8	97.6	100.0
≥ 0	35.2	47.1	51.0	55.8	71.4	73.6	79.4	85.8	88.3	92.4	92.9	93.4	93.8	95.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 819

USAF ETAC FORM JUL 80 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]100	BITBURG AB DL	73-81	MAR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.7	14.9	16.1	17.2	19.9	20.3	20.8	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.4	21.4
≥ 20000	14.8	20.1	21.5	22.8	26.2	26.8	27.8	28.4	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.9
≥ 18000	14.9	20.3	21.6	22.9	26.3	26.9	27.9	28.5	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0
≥ 16000	15.3	20.4	21.7	23.1	26.5	27.1	28.0	28.6	29.0	29.0	29.0	29.0	29.0	29.0	29.1	29.1
≥ 14000	15.2	20.5	21.8	23.2	26.6	27.2	28.2	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.2
≥ 12000	15.4	20.8	22.1	23.4	26.8	27.4	28.4	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.5	29.5
≥ 10000	16.3	22.0	23.5	25.1	28.6	29.2	30.2	30.8	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3
≥ 9000	16.6	22.7	24.3	26.0	29.7	30.3	31.3	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4
≥ 8000	17.2	23.7	25.2	27.3	31.1	31.7	32.8	33.6	34.0	34.0	34.1	34.1	34.1	34.2	34.3	34.3
≥ 7000	17.4	24.2	25.7	28.0	31.8	32.4	33.5	34.3	34.7	34.7	34.8	34.8	34.8	35.0	35.1	35.1
≥ 6000	17.5	24.3	25.8	28.4	32.2	32.8	33.9	34.7	35.1	35.1	35.2	35.2	35.2	35.3	35.4	35.4
≥ 5000	17.6	24.6	26.2	28.8	32.8	33.7	35.1	35.9	36.3	36.3	36.4	36.4	36.4	36.5	36.7	36.7
≥ 4500	18.1	25.1	26.9	29.6	33.6	34.6	35.9	36.8	37.1	37.1	37.3	37.3	37.3	37.4	37.5	37.5
≥ 4000	18.9	26.2	28.2	30.8	35.0	35.9	37.3	38.1	38.5	38.5	38.6	38.6	38.6	38.7	38.8	38.8
≥ 3500	21.2	28.9	30.9	33.7	37.9	39.0	40.3	41.1	41.5	41.5	41.6	41.6	41.6	41.7	41.9	41.9
≥ 3000	27.1	36.7	39.0	42.4	46.7	47.8	49.4	50.2	50.6	50.6	50.7	50.7	50.7	50.8	51.0	51.0
≥ 2500	30.7	40.8	43.4	47.0	51.5	52.7	54.6	55.5	55.8	55.8	55.9	55.9	55.9	56.1	56.2	56.2
≥ 2000	35.1	46.5	49.5	53.5	58.7	60.1	62.0	63.0	63.3	63.3	63.5	63.5	63.5	63.6	63.7	63.7
≥ 1800	36.2	47.7	50.7	54.7	60.1	61.4	63.3	64.3	64.7	64.7	64.8	64.8	64.8	64.9	65.0	65.0
≥ 1500	42.4	55.3	58.5	63.1	69.5	71.0	73.4	74.9	75.4	75.5	75.6	75.6	75.6	75.7	75.8	75.8
≥ 1200	44.7	58.0	61.5	66.6	74.3	75.7	78.4	80.0	80.5	80.6	80.7	80.7	80.7	80.8	80.9	80.9
≥ 1000	46.4	59.7	63.7	69.3	78.0	79.6	82.6	84.3	85.0	85.2	85.3	85.4	85.4	85.6	85.7	85.7
≥ 900	46.8	60.2	64.4	70.1	79.4	80.9	84.0	85.7	86.3	86.5	86.7	86.8	86.8	86.9	87.0	87.0
≥ 800	47.3	60.8	65.3	71.4	81.3	82.9	86.0	88.0	88.6	88.8	89.0	89.1	89.1	89.2	89.3	89.3
≥ 700	47.3	60.9	65.4	71.6	82.5	84.2	87.4	89.6	90.2	90.4	90.5	90.7	90.7	90.8	90.9	90.9
≥ 600	47.7	61.3	65.8	72.0	83.5	85.3	89.0	91.5	92.1	92.4	92.5	92.6	92.6	92.7	92.8	92.8
≥ 500	47.9	61.9	66.9	73.1	85.0	86.8	91.4	93.9	94.7	95.1	95.3	95.4	95.4	95.5	95.6	95.6
≥ 400	48.1	62.0	67.1	73.4	85.7	87.6	92.6	95.1	96.1	96.8	97.1	97.2	97.2	97.3	97.5	97.5
≥ 300	48.1	62.0	67.1	73.4	85.8	87.7	92.8	95.6	96.6	97.5	97.7	97.8	97.8	98.3	98.4	98.4
≥ 200	48.1	62.0	67.1	73.4	85.8	87.7	92.8	95.6	96.6	97.5	97.9	98.1	98.1	99.0	99.2	99.3
≥ 100	48.1	62.0	67.1	73.4	85.8	87.7	92.8	95.6	96.6	97.5	97.9	98.1	98.1	99.3	99.6	100.0
≥ 0	48.1	62.0	67.1	73.4	85.8	87.7	92.8	95.6	96.6	97.5	97.9	98.1	98.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 624

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 6170	BITBURG AB GL	73-81	MAR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.4	19.3	19.8	20.6	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 20000	20.9	26.8	27.5	28.7	30.5	30.6	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 18000	21.1	27.0	27.7	29.0	30.8	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 16000	21.1	27.0	27.7	29.0	30.8	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 14000	21.2	27.1	27.9	29.1	30.9	31.0	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 12000	21.4	27.4	28.1	29.3	31.1	31.2	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 10000	23.2	29.6	30.3	31.6	33.5	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 9000	23.9	30.4	31.2	32.7	34.7	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 8000	24.8	31.5	32.4	33.9	35.9	36.2	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 7000	25.2	32.1	33.2	34.6	36.8	37.0	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 6000	25.3	32.2	33.3	34.7	37.0	37.3	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 5000	26.9	33.9	35.1	36.7	39.1	39.3	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4500	28.2	35.2	36.4	38.1	40.7	40.9	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 4000	29.2	36.4	37.6	39.6	42.1	42.3	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 3500	32.1	40.9	42.1	44.1	46.8	47.0	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 3000	36.4	46.8	48.1	50.5	53.3	53.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 2500	42.6	53.8	55.1	57.5	60.7	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 2000	49.0	61.8	63.7	66.6	70.0	70.6	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800	50.1	63.3	65.3	68.2	72.3	73.0	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1500	55.7	70.6	72.7	75.9	81.7	82.6	84.0	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	57.8	73.0	75.8	79.1	85.8	86.9	88.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	58.5	73.8	77.1	80.5	87.8	88.9	90.3	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 900	58.9	74.3	77.6	81.1	88.5	89.6	91.1	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 800	59.6	75.8	79.1	82.6	90.3	91.4	93.4	94.2	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9
≥ 700	60.3	76.7	80.5	84.0	91.9	93.0	95.1	96.1	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 600	60.4	76.8	80.6	84.1	92.2	93.2	95.4	96.6	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 500	60.6	77.0	80.8	84.4	92.5	93.6	95.8	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 400	60.6	77.0	80.8	84.7	92.8	93.8	96.0	97.8	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2
≥ 300	60.6	77.0	80.8	84.7	92.8	93.8	96.1	97.9	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4
≥ 200	60.6	77.0	80.8	84.7	92.8	93.8	96.1	97.9	98.8	99.4	99.5	99.6	99.8	99.8	99.8	99.8
≥ 100	60.6	77.0	80.8	84.7	92.8	93.8	96.1	97.9	98.8	99.4	99.5	99.9	100.0	100.0	100.0	100.0
≥ 0	60.6	77.0	80.8	84.7	92.8	93.8	96.1	97.9	98.8	99.4	99.5	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 829

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4100	BITBURG AB DL	73-81	MAR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.3	23.3	24.4	25.2	26.1	26.5	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 20000	23.0	29.8	30.9	31.8	33.2	33.7	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 18000	23.3	30.0	31.1	32.1	33.4	33.9	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 16000	23.3	30.0	31.1	32.1	33.4	33.9	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 14000	23.6	30.4	31.5	32.4	33.8	34.3	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	24.2	31.5	32.6	33.5	35.1	35.6	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 10000	25.8	33.7	34.7	35.9	37.9	38.4	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 9000	26.9	34.9	35.9	37.2	39.2	39.7	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 8000	29.1	37.6	38.8	40.0	42.2	42.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 7000	29.8	38.4	39.6	40.9	43.3	43.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000	29.8	38.4	39.6	41.0	43.4	43.9	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 5000	31.1	39.8	41.1	42.6	45.0	45.5	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 4500	33.9	42.7	44.0	45.5	48.0	48.5	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 4000	35.6	45.6	46.9	48.6	51.3	51.7	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 3500	38.6	49.8	51.6	53.6	56.3	56.8	58.0	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 3000	41.7	53.4	55.5	57.5	60.4	60.9	62.1	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 2500	46.1	58.5	61.0	63.4	66.9	67.7	69.0	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2000	51.4	65.5	68.2	70.7	74.8	75.6	77.2	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800	52.1	66.2	69.0	71.7	75.8	76.6	78.2	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1500	55.9	71.5	74.8	77.8	82.8	83.7	85.6	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	56.1	72.3	76.4	80.0	85.4	86.6	88.7	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	56.6	73.2	77.6	81.2	86.9	88.1	90.2	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	56.7	73.3	77.8	81.4	87.1	88.4	90.6	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	57.7	74.3	78.8	82.5	88.7	90.0	92.2	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	58.3	74.9	79.4	83.1	89.9	91.2	93.4	94.7	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	58.4	75.0	79.5	83.2	90.3	91.7	94.1	95.4	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 500	58.5	75.3	79.7	83.6	90.8	92.3	94.7	96.1	97.0	97.3	97.5	97.6	97.7	97.7	97.7	97.7
≥ 400	58.7	75.5	80.0	83.8	91.1	92.5	94.9	96.5	97.3	97.8	98.1	98.3	98.4	98.4	98.4	98.4
≥ 300	58.7	75.5	80.0	83.8	91.1	92.5	94.9	96.5	97.6	98.1	98.4	98.8	98.9	99.0	99.0	99.0
≥ 200	58.7	75.5	80.0	83.8	91.1	92.5	94.9	96.6	97.8	98.3	98.7	99.0	99.2	99.4	99.5	99.5
≥ 100	58.7	75.5	80.0	83.8	91.1	92.5	94.9	96.7	97.9	98.6	98.9	99.4	99.5	99.8	100.0	100.0
≥ 0	58.7	75.5	80.0	83.8	91.1	92.5	94.9	96.7	97.9	98.6	98.9	99.4	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 829

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4100	BITBURG AB OL	73-81	MAR
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.6	27.3	27.9	28.2	30.8	30.9	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.4
≥ 20000	27.1	32.5	33.1	33.3	36.3	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3
≥ 18000	27.4	32.8	33.5	33.7	36.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
≥ 16000	27.4	32.8	33.5	33.7	36.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
≥ 14000	27.4	32.8	33.5	33.7	36.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
≥ 12000	28.3	33.9	34.9	35.2	38.4	39.0	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5
≥ 10000	30.4	36.7	37.6	38.5	41.9	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.1
≥ 9000	30.9	37.4	38.4	39.2	42.8	43.4	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9
≥ 8000	32.0	38.6	39.6	40.5	44.0	44.6	45.0	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9
≥ 7000	32.5	39.2	40.2	41.2	44.9	45.5	45.9	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.9
≥ 6000	32.8	39.6	40.6	41.6	45.3	45.9	46.2	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 5000	35.1	42.1	43.1	44.0	47.7	48.3	48.7	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7
≥ 4500	39.4	46.9	47.8	49.0	52.6	53.3	53.6	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
≥ 4000	41.3	50.2	51.2	52.3	56.1	56.8	57.4	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 3500	44.1	53.8	55.2	56.6	60.4	61.1	61.7	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 3000	46.5	56.8	58.3	59.8	64.0	64.7	65.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 2500	49.1	60.8	62.6	64.2	68.4	69.1	69.9	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 2000	54.1	65.9	67.9	69.5	74.8	75.5	76.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 1800	54.7	66.5	68.5	70.2	75.9	76.6	77.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1500	57.8	70.0	72.0	73.8	79.7	80.4	81.7	82.9	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5
≥ 1200	59.2	71.8	73.9	76.3	82.2	82.9	84.3	86.1	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8
≥ 1000	59.9	73.1	75.3	77.7	84.0	84.9	86.5	88.4	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4
≥ 900	60.3	73.7	75.9	78.4	84.7	85.7	87.3	89.4	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.4
≥ 800	61.4	74.9	77.2	79.7	86.5	87.5	89.1	91.1	91.9	91.9	92.0	92.3	92.3	92.3	92.3	92.4
≥ 700	62.1	75.8	78.1	80.8	88.1	89.1	90.7	93.0	94.2	94.2	94.3	94.6	94.6	94.6	94.6	94.7
≥ 600	62.1	75.9	78.4	81.1	88.3	89.3	91.0	93.4	94.6	94.6	94.7	95.0	95.0	95.0	95.0	95.1
≥ 500	62.7	77.0	79.7	82.5	90.2	91.1	92.9	95.2	96.6	96.6	96.7	96.9	96.9	96.9	96.9	97.0
≥ 400	62.7	77.0	79.7	82.7	90.3	91.3	93.1	95.9	97.3	97.7	97.8	98.0	98.2	98.2	98.2	98.3
≥ 300	62.7	77.0	79.7	82.7	90.5	91.5	93.6	96.4	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.8
≥ 200	62.7	77.0	79.7	82.7	90.5	91.5	93.6	96.9	98.4	98.9	99.1	99.5	99.8	99.9	99.9	100.0
≥ 100	62.7	77.0	79.7	82.7	90.5	91.5	93.6	96.9	98.4	98.9	99.1	99.5	99.8	99.9	99.9	100.0
≥ 0	62.7	77.0	79.7	82.7	90.5	91.5	93.6	96.9	98.4	98.9	99.1	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 813

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

4 130	BITBURG AB GL	73-81	MAR	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

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	18.4	20.5	21.6	22.3	23.9	24.3	25.1	25.5	25.7	25.8	25.8	25.8	25.8	25.8	26.7	26.2
≥ 20000	19.8	25.1	26.3	27.1	29.3	29.8	30.7	31.3	31.6	31.7	31.7	31.8	31.8	31.8	32.1	32.2
≥ 18000	20.0	25.3	26.5	27.3	29.5	30.0	30.9	31.6	31.8	32.0	32.0	32.0	32.0	32.1	32.3	32.5
≥ 16000	20.1	25.3	26.5	27.3	29.6	30.1	31.0	31.6	31.9	32.0	32.0	32.1	32.1	32.1	32.3	32.5
≥ 14000	20.2	25.5	26.6	27.5	29.7	30.2	31.1	31.7	32.0	32.1	32.1	32.2	32.2	32.2	32.5	32.6
≥ 12000	20.4	25.8	27.0	27.9	30.1	30.7	31.6	32.3	32.5	32.7	32.7	32.7	32.7	32.8	33.0	33.2
≥ 10000	21.6	27.3	28.6	29.7	32.3	32.9	33.9	34.5	34.8	34.9	35.0	35.0	35.0	35.1	35.3	35.5
≥ 9000	22.2	28.0	29.3	30.5	33.2	33.8	34.8	35.4	35.7	35.9	35.9	35.9	36.0	36.0	36.2	36.4
≥ 8000	23.3	29.4	30.8	32.1	34.8	35.5	36.6	37.5	37.9	38.0	38.1	38.1	38.1	38.2	38.5	38.7
≥ 7000	23.7	30.0	31.3	32.7	35.6	36.2	37.4	38.2	38.6	38.8	38.8	38.8	38.9	39.0	39.2	39.4
≥ 6000	23.9	30.1	31.4	32.9	35.8	36.4	37.5	38.4	38.8	39.0	39.0	39.0	39.1	39.2	39.4	39.6
≥ 5000	25.1	31.6	33.1	34.6	37.7	38.3	39.6	40.5	40.9	41.1	41.1	41.1	41.2	41.3	41.5	41.8
≥ 4500	27.4	34.3	35.9	37.6	40.8	41.4	42.7	43.7	44.2	44.3	44.4	44.4	44.4	44.6	44.8	45.0
≥ 4000	28.8	36.4	38.1	39.8	43.1	43.8	45.2	46.2	46.7	46.9	46.9	47.0	47.0	47.1	47.4	47.6
≥ 3500	30.9	39.3	41.2	43.1	46.5	47.2	48.7	49.7	50.2	50.4	50.4	50.5	50.5	50.6	50.9	51.2
≥ 3000	34.2	43.7	45.9	48.0	51.7	52.4	54.0	55.2	55.7	55.9	55.9	56.0	56.1	56.2	56.5	56.7
≥ 2500	37.2	47.3	49.6	52.0	55.9	56.8	58.4	59.7	60.2	60.4	60.5	60.5	60.6	60.7	61.0	61.2
≥ 2000	41.5	52.4	55.2	57.6	62.1	63.0	64.9	66.3	67.0	67.2	67.3	67.3	67.4	67.5	67.8	68.0
≥ 1800	42.1	53.2	55.9	58.5	63.3	64.2	66.2	67.6	68.2	68.4	68.5	68.6	68.6	68.7	69.0	69.3
≥ 1500	45.9	58.1	61.1	64.1	69.7	70.7	73.0	74.7	75.4	75.8	75.9	76.0	76.0	76.2	76.5	76.7
≥ 1200	47.9	60.7	64.1	67.6	73.9	75.0	77.4	79.4	80.1	80.5	80.6	80.7	80.8	80.9	81.2	81.4
≥ 1000	49.4	62.6	66.4	70.0	76.9	78.1	80.7	82.7	83.6	84.1	84.1	84.3	84.3	84.5	84.8	85.0
≥ 900	49.7	63.0	66.9	70.6	77.6	78.8	81.5	83.5	84.4	84.9	85.0	85.1	85.1	85.3	85.6	85.8
≥ 800	50.6	64.2	68.3	72.2	79.7	81.0	83.9	86.1	87.0	87.6	87.7	87.9	87.9	88.1	88.4	88.6
≥ 700	51.2	65.0	69.3	73.3	81.5	82.7	85.8	88.3	89.5	90.1	90.2	90.4	90.4	90.6	90.9	91.1
≥ 600	51.4	65.3	69.6	73.7	82.3	83.7	87.0	89.6	90.8	91.4	91.6	91.7	91.8	91.9	92.2	92.5
≥ 500	51.6	65.7	70.2	74.4	83.4	84.8	88.5	91.3	92.7	93.4	93.6	93.8	93.9	94.0	94.4	94.6
≥ 400	51.7	65.8	70.3	74.6	83.7	85.2	89.1	92.1	93.6	94.5	94.7	94.9	95.0	95.2	95.5	95.8
≥ 300	51.7	65.8	70.4	74.7	84.0	85.5	89.5	92.7	94.4	95.4	95.7	96.0	96.1	96.4	96.8	97.1
≥ 200	51.7	65.8	70.4	74.7	84.0	85.5	89.5	92.9	94.8	96.0	96.4	96.8	97.0	97.6	98.3	98.8
≥ 100	51.7	65.8	70.4	74.7	84.0	85.5	89.5	93.0	94.8	96.2	96.6	97.0	97.3	98.1	99.0	100.0
≥ 0	51.7	65.8	70.4	74.7	84.0	85.5	89.5	93.0	94.8	96.2	96.6	97.0	97.4	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6538

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 10 (STATION) BITBURG AB GL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.2	48.7	47.	47.6	49.6	49.7	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4
≥ 20000	43.7	50.9	52.5	53.1	55.5	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
≥ 18000	43.7	50.9	52.5	53.1	55.5	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
≥ 16000	43.7	50.9	52.5	53.1	55.5	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
≥ 14000	43.7	50.9	52.5	53.1	55.5	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
≥ 12000	43.7	51.3	52.9	53.5	55.9	56.3	56.6	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0
≥ 10000	44.4	51.9	53.5	54.1	56.5	56.9	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
≥ 9000	44.9	52.5	54.1	54.9	57.3	57.6	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4
≥ 8000	46.9	55.4	57.0	57.9	60.5	60.9	61.3	61.5	61.9	62.0	62.0	62.0	62.0	62.2	62.2	62.2
≥ 7000	47.4	56.3	57.9	58.9	61.5	61.9	62.3	62.5	62.9	63.0	63.0	63.0	63.0	63.2	63.2	63.2
≥ 6000	47.9	56.8	58.4	59.4	62.0	62.4	62.8	63.0	63.4	63.5	63.5	63.5	63.5	63.7	63.7	63.7
≥ 5000	49.5	58.6	60.8	61.8	64.4	64.8	65.2	65.4	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0
≥ 4500	52.6	62.7	65.7	66.4	69.3	69.7	70.1	70.4	70.8	70.9	70.9	70.9	70.9	71.1	71.1	71.1
≥ 4000	53.3	64.9	67.4	68.8	71.8	72.2	72.6	72.9	73.3	73.4	73.4	73.4	73.4	73.6	73.6	73.6
≥ 3500	56.3	68.0	70.6	71.9	75.1	75.4	75.9	76.3	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 3000	59.6	71.6	74.2	75.6	78.9	79.3	79.8	80.2	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8
≥ 2500	60.3	73.3	75.9	77.3	80.8	81.2	81.7	82.1	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7
≥ 2000	62.7	76.8	79.4	80.8	84.3	84.7	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 1800	63.2	77.6	80.3	81.7	85.2	85.6	86.5	86.8	87.2	87.3	87.3	87.3	87.3	87.5	87.5	87.5
≥ 1500	64.2	79.4	82.3	83.7	87.3	87.8	88.8	89.3	89.7	89.8	89.8	89.8	89.8	90.0	90.0	90.0
≥ 1200	64.7	80.1	83.0	84.3	88.0	88.5	89.5	90.0	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6
≥ 1000	64.9	81.0	84.3	85.7	89.5	90.0	91.0	91.6	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 900	64.9	81.3	84.3	86.0	89.7	90.2	91.2	91.9	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5
≥ 800	65.1	81.2	84.8	86.7	90.7	91.2	92.2	92.9	93.2	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 700	65.2	81.8	85.7	87.6	91.9	92.4	93.5	94.1	94.9	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 600	65.2	82.0	85.8	87.7	92.0	92.5	93.6	94.5	95.2	95.7	95.7	95.7	95.7	95.9	95.9	95.9
≥ 500	65.2	82.0	85.8	87.7	92.0	92.5	93.7	94.9	95.9	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 400	65.2	82.0	85.8	87.7	92.1	92.7	94.0	95.2	96.4	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 300	65.2	82.0	85.8	87.7	92.1	92.7	94.0	95.4	96.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2
≥ 200	65.2	82.1	86.0	87.8	92.2	93.0	94.2	96.1	97.4	99.1	99.2	99.4	99.5	99.6	99.6	99.6
≥ 100	65.2	82.1	86.1	87.8	92.4	93.1	94.4	96.2	97.5	99.2	99.4	99.5	99.6	100.0	100.0	100.0
0	65.2	82.1	86.1	87.8	92.4	93.1	94.4	96.2	97.5	99.2	99.4	99.5	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 798

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1100 | BITBURG AB DL | 73-81 | APR
STATION | STATION NAME | YEARS | 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	≥¼	≥5/16	≥¼	≥0
NO CEILING	36.3	40.7	42.1	42.9	45.1	45.3	46.3	47.0	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.7
≥ 20000	37.5	44.5	45.9	46.9	49.2	49.4	51.1	51.8	51.8	52.3	52.3	52.5	52.5	52.5	52.5	52.6
≥ 18000	37.5	44.5	45.9	46.9	49.2	49.4	51.1	51.8	51.8	52.3	52.3	52.5	52.5	52.5	52.5	52.6
≥ 16000	37.5	44.5	45.9	46.9	49.2	49.4	51.1	51.8	51.8	52.3	52.3	52.5	52.5	52.5	52.5	52.6
≥ 14000	37.5	44.5	45.9	46.9	49.2	49.4	51.1	51.8	51.8	52.3	52.3	52.5	52.5	52.5	52.5	52.6
≥ 12000	37.7	44.6	46.0	47.0	49.3	49.6	51.2	52.0	52.0	52.5	52.5	52.6	52.6	52.6	52.6	52.7
≥ 10000	38.8	45.9	47.3	48.3	50.6	50.8	52.5	53.2	53.2	53.7	53.7	53.9	53.9	53.9	53.9	54.0
≥ 9000	38.9	46.0	47.4	48.4	50.7	50.9	52.6	53.4	53.4	53.9	53.9	54.0	54.0	54.0	54.0	54.1
≥ 8000	40.3	48.4	49.8	50.8	53.1	53.4	55.1	55.9	55.9	56.6	56.6	56.8	56.9	56.9	56.9	57.0
≥ 7000	40.6	48.9	50.3	51.3	53.7	54.0	55.9	56.6	56.6	57.4	57.4	57.5	57.6	57.6	57.6	57.8
≥ 6000	40.3	49.2	50.6	51.6	54.0	54.4	56.3	57.0	57.0	57.8	57.8	57.9	58.0	58.0	58.0	58.2
≥ 5000	42.1	50.6	52.5	53.5	56.0	56.4	58.7	59.4	59.5	60.3	60.3	60.4	60.6	60.6	60.6	60.7
≥ 4500	44.2	53.0	55.2	56.3	58.9	59.3	61.8	62.6	62.7	63.5	63.5	63.6	63.7	63.8	64.0	64.1
≥ 4000	45.6	55.4	58.0	59.0	61.7	62.1	64.6	65.4	65.5	66.2	66.2	66.4	66.5	66.6	66.8	66.9
≥ 3500	46.9	57.3	60.3	61.6	64.2	64.6	67.3	68.1	68.3	69.0	69.0	69.2	69.3	69.4	69.5	69.7
≥ 3000	49.4	60.3	63.8	65.5	68.4	68.8	71.6	72.6	72.8	73.6	73.6	73.7	73.8	74.0	74.1	74.2
≥ 2500	51.1	62.7	66.4	68.0	71.2	71.6	74.3	75.3	75.6	76.4	76.4	76.5	76.6	76.7	76.9	77.0
≥ 2000	53.9	66.5	70.4	72.4	75.7	76.1	78.9	79.9	80.2	80.9	80.9	81.0	81.2	81.3	81.4	81.5
≥ 1800	54.1	66.9	70.8	72.8	76.1	76.5	79.3	80.3	80.5	81.3	81.3	81.4	81.5	81.7	81.8	81.9
≥ 1500	56.1	69.7	73.8	75.9	79.5	80.0	82.9	83.9	84.2	85.0	85.0	85.1	85.2	85.3	85.5	85.6
≥ 1200	57.4	72.2	76.4	78.4	82.3	82.9	86.2	87.4	87.6	88.4	88.4	88.5	88.6	88.7	88.9	89.0
≥ 1000	57.6	72.9	77.2	79.3	83.3	83.9	87.2	88.6	89.0	89.8	89.8	89.9	90.0	90.1	90.3	90.4
≥ 900	57.6	72.9	77.2	79.4	83.7	84.3	87.6	89.0	89.4	90.1	90.1	90.3	90.4	90.5	90.6	90.8
≥ 800	57.8	73.6	77.9	80.2	84.7	85.5	88.7	90.3	90.9	91.8	91.8	91.9	92.0	92.2	92.3	92.4
≥ 700	58.3	74.6	78.9	81.4	86.0	86.9	90.1	91.7	92.7	93.9	93.9	94.1	94.2	94.3	94.4	94.6
≥ 600	58.3	74.6	79.0	81.5	86.2	87.4	90.8	92.3	93.3	94.6	94.6	94.7	94.8	95.1	95.2	95.3
≥ 500	58.4	74.7	79.4	81.9	86.6	87.7	91.2	92.9	93.9	95.4	95.4	95.6	95.7	96.1	96.2	96.3
≥ 400	58.4	74.7	79.4	81.9	86.7	88.0	91.7	93.6	94.6	96.1	96.1	96.2	96.3	96.7	96.8	97.0
≥ 300	58.4	74.7	79.4	81.9	86.7	88.0	91.7	93.7	94.9	96.8	96.8	97.0	97.3	97.7	97.9	98.0
≥ 200	58.4	74.7	79.4	81.9	86.7	88.0	91.7	93.7	94.9	97.2	97.5	97.6	98.2	98.6	99.1	99.2
≥ 100	58.4	74.7	79.4	81.9	86.7	88.0	91.7	93.7	94.9	97.3	97.6	97.7	98.5	99.0	99.6	99.7
≥ 0	58.4	74.7	79.4	81.9	86.7	88.0	91.7	93.7	94.9	97.3	97.6	97.7	98.5	99.0	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC FORM JUL 66 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
[illegible]170	BITBURG AB GL	73-81	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
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	21.5	28.8	31.4	31.9	35.7	36.1	38.3	39.8	39.8	40.1	40.2	40.2	40.2	40.4	40.9	41.1
≥ 20000	24.2	32.6	35.6	36.1	40.2	40.6	43.1	44.7	44.8	45.0	45.2	45.2	45.2	45.4	45.9	46.2
≥ 18000	24.2	32.8	35.7	36.2	40.3	40.7	43.2	44.8	44.9	45.2	45.3	45.3	45.3	45.5	46.0	46.3
≥ 16000	24.2	32.8	35.7	36.2	40.3	40.7	43.2	44.8	44.9	45.2	45.3	45.3	45.3	45.5	46.0	46.3
≥ 14000	24.2	32.8	35.7	36.2	40.3	40.7	43.2	44.8	44.9	45.2	45.3	45.3	45.3	45.5	46.0	46.3
≥ 12000	24.3	32.9	35.9	36.4	40.4	40.8	43.3	44.9	45.0	45.3	45.4	45.4	45.4	45.7	46.2	46.4
≥ 10000	25.2	34.1	37.2	37.7	41.8	42.2	44.7	46.3	46.4	46.7	46.8	46.8	46.8	47.0	47.5	47.8
≥ 9000	25.2	34.1	37.2	37.7	41.8	42.2	44.8	46.4	46.5	46.8	46.9	46.9	46.9	47.1	47.6	47.9
≥ 8000	27.0	36.5	39.7	40.2	44.8	45.3	48.0	49.8	50.0	50.2	50.4	50.4	50.4	50.6	51.5	51.9
≥ 7000	27.4	37.3	40.8	41.3	46.0	46.5	49.6	51.4	51.6	51.9	52.0	52.0	52.0	52.2	53.2	53.6
≥ 6000	27.5	37.5	40.9	41.4	46.2	46.7	49.9	51.6	51.9	52.1	52.2	52.2	52.2	52.5	53.5	53.8
≥ 5000	28.0	38.8	42.8	43.3	48.3	48.9	52.1	53.8	54.1	54.3	54.5	54.5	54.5	54.7	55.7	56.1
≥ 4500	29.0	41.1	45.4	45.9	51.2	52.0	55.8	57.6	57.8	58.1	58.2	58.2	58.2	58.4	59.6	59.9
≥ 4000	30.6	43.2	47.8	48.3	54.1	54.8	58.8	60.5	60.8	61.0	61.3	61.3	61.3	61.8	62.9	63.4
≥ 3500	31.1	44.3	48.9	49.4	55.5	56.2	60.2	62.0	62.3	62.5	62.8	62.8	62.8	63.3	64.4	65.0
≥ 3000	33.0	47.0	52.4	52.9	59.1	59.9	64.0	66.1	66.5	66.7	67.0	67.0	67.0	67.5	68.6	69.2
≥ 2500	34.2	49.1	54.8	55.5	62.0	63.0	67.2	69.4	69.9	70.1	70.3	70.3	70.3	70.8	72.0	72.6
≥ 2000	35.9	51.6	58.1	58.8	66.0	67.0	71.3	73.6	74.1	74.3	74.6	74.6	74.6	75.1	76.2	76.8
≥ 1800	36.1	52.1	58.6	59.3	66.5	67.5	71.8	74.1	74.6	74.8	75.1	75.1	75.1	75.6	76.7	77.3
≥ 1500	37.7	54.5	61.0	62.2	70.6	71.7	76.3	78.5	79.0	79.4	79.7	79.7	79.7	80.1	81.3	81.9
≥ 1200	38.6	56.2	63.3	64.5	73.6	74.8	79.5	82.0	82.5	82.9	83.1	83.1	83.1	83.6	84.7	85.4
≥ 1000	38.6	56.7	63.8	65.3	74.4	75.8	80.5	83.1	83.6	84.0	84.2	84.2	84.2	84.7	85.9	86.5
≥ 900	38.8	57.3	64.5	66.0	75.6	76.9	81.8	84.4	84.9	85.2	85.5	85.5	85.5	86.0	87.1	87.7
≥ 800	39.5	58.1	65.4	66.9	77.2	78.5	83.7	86.6	87.2	87.7	88.0	88.0	88.0	88.5	89.6	90.2
≥ 700	39.8	58.7	66.3	67.7	78.5	80.1	85.6	88.7	89.5	90.2	90.4	90.6	90.7	91.2	92.3	92.9
≥ 600	39.8	58.7	66.4	67.9	78.7	80.3	86.4	89.6	90.3	91.1	91.3	91.4	91.6	92.1	93.2	93.8
≥ 500	40.1	59.1	66.7	68.2	79.0	80.6	86.7	90.2	91.4	92.8	93.1	93.2	93.3	93.9	95.2	95.8
≥ 400	40.3	59.3	67.0	68.5	79.4	81.1	87.5	90.9	92.2	93.9	94.2	94.3	94.4	95.2	96.4	97.0
≥ 300	40.3	59.3	67.0	68.5	79.4	81.1	87.5	91.1	92.3	94.3	94.5	94.7	94.9	95.8	97.0	97.6
≥ 200	40.3	59.3	67.0	68.5	79.4	81.1	87.5	91.1	92.3	94.5	95.0	95.3	95.8	97.0	98.5	99.5
≥ 100	40.3	59.3	67.0	68.5	79.4	81.1	87.5	91.1	92.3	94.5	95.0	95.3	95.8	97.0	98.8	100.0
≥ 0	40.3	59.3	67.0	68.5	79.4	81.1	87.5	91.1	92.3	94.5	95.0	95.3	95.8	97.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 806

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

7170	BITBURG AB DL	73-81	APR	0900-1100
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

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	19.8	26.1	28.2	29.5	34.5	35.2	36.2	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	22.7	30.5	32.8	34.5	40.0	40.9	42.3	42.8	43.0	43.1	43.3	43.3	43.3	43.3	43.4	43.4
≥ 18000	22.7	30.5	32.8	34.5	40.0	40.9	42.3	42.8	43.0	43.1	43.3	43.3	43.3	43.3	43.4	43.4
≥ 16000	22.7	30.5	32.8	34.5	40.0	40.9	42.3	42.8	43.0	43.1	43.3	43.3	43.3	43.3	43.4	43.4
≥ 14000	22.7	30.5	32.8	34.5	40.0	40.9	42.3	42.8	43.0	43.1	43.3	43.3	43.3	43.3	43.4	43.4
≥ 12000	22.9	30.8	33.0	34.7	40.3	41.2	42.5	43.0	43.3	43.4	43.5	43.5	43.5	43.5	43.6	43.6
≥ 10000	24.2	32.8	35.2	37.1	42.8	43.6	45.1	45.6	45.9	46.0	46.1	46.1	46.1	46.1	46.2	46.2
≥ 9000	24.5	33.0	35.5	37.3	43.1	44.0	45.5	46.0	46.2	46.4	46.5	46.5	46.5	46.5	46.6	46.6
≥ 8000	25.6	34.9	37.3	39.2	45.5	46.4	47.8	48.3	48.6	48.7	48.8	48.8	48.8	48.8	49.1	49.2
≥ 7000	26.0	35.2	37.7	39.6	45.9	46.8	48.6	49.1	49.3	49.4	49.6	49.6	49.6	49.6	49.8	49.9
≥ 6000	26.3	35.6	38.2	40.0	46.5	47.5	49.2	49.7	49.9	50.1	50.2	50.2	50.2	50.2	50.4	50.6
≥ 5000	26.7	36.6	39.4	41.5	48.0	49.1	50.8	51.3	51.5	51.7	51.8	51.8	51.8	51.8	52.0	52.2
≥ 4500	27.7	37.9	40.9	43.0	49.8	51.2	53.2	53.6	53.9	54.0	54.1	54.1	54.1	54.1	54.4	54.5
≥ 4000	29.3	39.9	43.1	45.2	52.3	53.8	55.9	56.5	57.0	57.4	57.5	57.5	57.5	57.5	57.8	58.0
≥ 3500	30.0	41.2	44.6	46.7	53.9	55.4	57.5	58.1	58.6	59.0	59.1	59.1	59.1	59.1	59.5	59.6
≥ 3000	32.3	43.9	47.3	49.4	57.4	58.8	61.1	61.7	62.2	62.5	62.7	62.7	62.7	62.7	63.0	63.2
≥ 2500	34.0	46.2	49.9	52.3	60.2	61.7	64.0	64.8	65.4	65.9	66.0	66.0	66.0	66.0	66.4	66.5
≥ 2000	36.2	49.1	53.0	55.6	64.5	66.0	68.5	69.2	69.8	70.3	70.5	70.5	70.5	70.5	70.8	71.0
≥ 1800	36.3	50.6	54.5	57.1	66.3	67.7	70.2	71.0	71.6	72.1	72.2	72.2	72.2	72.2	72.6	72.7
≥ 1500	39.7	55.7	60.3	63.2	73.2	75.0	77.8	78.6	79.2	79.9	80.0	80.0	80.0	80.0	80.3	80.5
≥ 1200	40.9	57.8	62.7	65.9	76.4	78.2	81.2	82.1	82.7	83.3	83.4	83.4	83.4	83.4	83.8	83.9
≥ 1000	42.4	60.4	65.5	69.3	80.2	82.3	85.3	86.2	87.1	87.8	87.9	87.9	87.9	87.9	88.3	88.4
≥ 900	42.4	60.4	65.6	69.5	80.5	82.6	85.5	86.4	87.4	88.0	88.1	88.1	88.1	88.1	88.5	88.6
≥ 800	43.3	61.7	67.0	71.0	82.1	84.3	87.4	88.5	89.5	90.1	90.2	90.2	90.2	90.2	90.6	90.7
≥ 700	43.1	62.2	67.5	71.4	83.2	85.7	88.8	90.4	91.5	92.1	92.2	92.3	92.5	92.5	92.8	93.0
≥ 600	43.1	62.3	67.6	71.6	83.3	85.8	88.9	90.5	91.6	92.2	92.3	92.5	92.6	92.6	93.0	93.1
≥ 500	43.3	62.4	67.7	71.7	83.6	86.0	89.1	91.1	92.2	93.2	93.3	93.4	93.7	93.7	94.1	94.2
≥ 400	43.4	62.5	67.9	71.8	83.9	86.5	90.2	92.5	93.6	94.8	94.9	95.1	95.3	95.3	95.7	95.8
≥ 300	43.4	62.5	67.9	71.8	83.9	86.5	90.2	92.5	93.7	96.2	96.4	96.5	96.8	96.9	97.3	97.4
≥ 200	43.4	62.5	67.9	71.8	83.9	86.5	90.2	92.5	93.7	96.2	96.5	96.9	97.5	97.8	98.3	99.5
≥ 100	43.4	62.5	67.9	71.8	83.9	86.5	90.2	92.5	93.7	96.2	96.5	96.9	97.5	98.0	98.6	100.0
≥ 0	43.4	62.5	67.9	71.8	83.9	86.5	90.2	92.5	93.7	96.2	96.5	96.9	97.5	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]130 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) APR (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.8	32.0	33.1	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000	29.5	38.3	39.1	40.4	41.	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 18000	29.5	38.0	39.1	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 16000	29.5	38.0	39.1	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 14000	29.5	38.0	39.1	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000	30.0	38.5	39.6	40.9	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7
≥ 10000	30.6	39.1	40.4	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5
≥ 9000	31.1	39.9	41.1	42.3	43.2	43.2	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000	32.5	41.6	42.8	44.2	45.1	45.1	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 7000	32.8	42.0	43.2	44.6	45.4	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8
≥ 6000	32.8	42.0	43.2	44.6	45.4	45.6	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 5000	34.3	43.7	44.9	46.3	47.2	47.3	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥ 4500	35.9	45.6	46.8	48.1	49.0	49.1	49.5	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8
≥ 4000	37.9	47.8	49.4	50.7	51.6	51.9	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥ 3500	40.2	50.7	52.5	53.8	54.8	55.1	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3000	45.9	57.2	59.4	60.9	61.9	62.1	62.6	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
≥ 2500	50.1	62.8	65.2	66.7	67.7	67.9	68.5	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2000	54.3	69.6	72.6	74.3	75.9	76.3	76.9	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	55.3	70.6	73.6	75.3	77.0	77.4	78.0	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1500	58.3	75.3	78.6	80.9	82.8	83.3	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	60.0	78.6	82.3	84.7	86.8	87.3	88.6	89.1	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	60.9	80.0	84.0	86.3	89.1	89.6	91.0	91.5	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	60.9	80.0	84.0	86.3	89.1	89.6	91.0	91.5	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	61.1	80.2	84.4	86.8	89.9	90.4	91.9	92.6	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	61.2	80.5	84.9	87.7	91.6	92.1	93.6	94.6	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	61.5	80.7	85.2	87.9	92.2	92.7	94.2	95.2	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	61.5	80.7	85.2	88.0	92.5	93.0	94.6	95.7	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	61.5	80.9	85.3	88.1	92.7	93.2	94.8	95.9	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	61.5	80.9	85.3	88.1	92.7	93.2	94.8	95.9	97.5	98.3	98.6	98.8	98.9	98.9	98.9	98.9
≥ 200	61.5	80.9	85.3	88.1	92.7	93.2	94.8	95.9	97.5	98.4	98.9	99.1	99.4	99.8	99.8	99.9
≥ 100	61.5	80.9	85.3	88.1	92.7	93.2	94.8	95.9	97.5	98.4	98.9	99.1	99.4	99.9	99.9	100.0
≥ 0	61.5	80.9	85.3	88.1	92.7	93.2	94.8	95.9	97.5	98.4	98.9	99.1	99.4	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21170	BITBURG AB DL	73-81	APR
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 20000	33.8	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000	34.1	40.2	40.5	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
≥ 16000	34.1	40.2	40.5	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
≥ 14000	34.1	40.2	40.5	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
≥ 12000	34.2	40.4	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 10000	35.2	41.5	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 9000	35.7	42.2	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000	36.3	43.7	44.2	44.2	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	37.2	44.1	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 6000	37.8	44.7	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 5000	39.8	46.8	47.3	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 4500	41.9	49.6	50.1	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 4000	46.8	55.1	55.6	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 3500	51.5	60.6	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3000	59.3	69.6	70.1	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	63.1	75.7	76.2	76.4	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	66.9	80.6	81.4	81.7	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	67.0	81.1	81.9	82.2	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	68.8	84.6	85.6	86.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	70.6	87.4	88.5	89.8	91.4	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	70.7	88.4	89.6	91.0	93.2	94.1	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	70.7	88.5	89.8	91.1	93.6	94.4	94.6	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	71.1	89.0	90.5	91.9	94.7	95.6	95.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	71.1	89.1	90.7	92.1	95.1	96.0	96.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	71.1	89.1	90.9	92.2	95.2	96.2	96.3	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	71.1	89.1	90.9	92.5	95.7	96.7	97.0	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	71.1	89.1	90.9	92.5	95.7	96.7	97.0	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	71.1	89.1	90.9	92.5	95.7	96.7	97.0	98.5	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9
≥ 200	71.1	89.1	90.9	92.5	95.7	96.7	97.0	98.5	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0
≥ 100	71.1	89.1	90.9	92.5	95.7	96.7	97.0	98.5	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0
≥ 0	71.1	89.1	90.9	92.5	95.7	96.7	97.0	98.5	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]100	BITBURG AB GL	73-81	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.9	38.0	38.5	39.0	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	43.9	47.4	47.9	48.5	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.6	48.8	48.8
≥ 18000	41.7	47.8	48.3	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 16000	41.0	47.8	48.3	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 14000	41.7	47.9	48.4	49.0	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	41.4	48.3	48.8	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	42.5	49.6	50.1	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	43.2	50.6	51.2	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 8000	44.6	52.0	52.6	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 7000	45.8	53.3	54.0	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000	46.2	53.7	54.3	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	48.6	56.3	56.9	57.9	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	51.9	60.1	60.7	61.7	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	54.0	63.5	64.4	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500	57.2	67.5	68.5	69.5	70.0	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	62.7	74.4	75.4	76.7	77.2	77.3	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	65.8	78.3	79.4	80.7	81.5	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	68.9	82.6	84.3	85.8	86.7	86.8	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	69.0	83.1	84.8	86.4	87.5	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	70.0	85.4	87.3	89.3	90.6	90.7	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	70.5	86.2	88.3	90.4	92.2	92.3	93.0	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	70.5	86.8	89.0	91.1	93.0	93.1	93.7	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	70.5	86.8	89.1	91.1	93.0	93.1	93.7	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	70.7	87.0	89.3	91.4	93.5	93.6	94.3	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	70.7	87.0	89.3	91.4	93.5	93.6	94.8	95.8	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	70.7	87.0	89.5	91.6	94.0	94.2	95.7	96.7	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	70.7	87.0	89.5	91.9	94.2	94.4	96.0	97.2	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	70.7	87.0	89.5	91.9	94.2	94.4	96.0	97.2	98.1	99.0	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	70.7	87.0	89.5	91.9	94.2	94.4	96.0	97.4	98.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8
≥ 200	70.7	87.0	89.5	91.9	94.2	94.4	96.0	97.4	98.4	99.4	99.5	99.5	99.6	99.9	99.9	99.9
≥ 100	70.7	87.0	89.5	91.9	94.2	94.4	96.0	97.4	98.4	99.4	99.5	99.5	99.6	99.9	99.9	100.0
≥ 0	70.7	87.0	89.5	91.9	94.2	94.4	96.0	97.4	98.4	99.4	99.5	99.5	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0130 (STATION) BITBURG 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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.1	46.8	47.6	48.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	48.7	54.5	55.4	56.8	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	48.7	54.5	55.4	56.8	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	48.7	54.5	55.4	56.8	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	48.7	54.5	55.4	56.8	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	48.8	55.0	55.9	57.2	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	49.3	55.9	56.8	58.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	50.2	57.4	58.2	59.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	51.3	58.7	59.6	61.2	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	52.0	59.5	60.3	62.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	52.2	59.7	60.6	62.2	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	54.6	62.2	63.2	64.8	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500	58.4	67.3	68.4	70.0	71.6	71.6	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	59.4	68.5	69.9	71.6	73.2	73.2	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	61.2	71.4	72.9	74.7	76.5	76.5	76.7	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	63.9	74.5	76.0	77.8	79.7	79.8	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	66.4	77.4	78.9	81.0	83.0	83.1	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	68.6	80.3	82.0	84.6	86.9	87.0	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	68.9	80.8	82.7	85.3	87.5	87.6	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	69.6	81.7	83.6	86.5	89.2	89.3	89.8	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	70.1	82.4	84.4	87.4	90.3	90.5	91.1	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	70.5	83.6	85.7	89.1	92.2	92.3	92.9	93.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	70.5	83.6	85.7	89.1	92.2	92.3	92.9	93.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	70.5	83.6	86.0	89.3	92.7	92.8	93.6	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	70.6	83.8	86.1	89.5	93.1	93.2	93.9	94.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	70.6	83.8	86.1	89.6	93.2	93.3	94.1	94.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	70.8	84.0	86.4	89.8	93.7	93.8	94.5	95.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	70.8	84.0	86.4	89.8	93.7	93.8	94.5	96.0	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	70.8	84.0	86.4	89.8	93.7	93.8	94.7	96.2	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	70.8	84.0	86.4	89.8	93.7	93.8	94.7	96.3	97.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.8	84.0	86.4	89.8	93.7	93.8	94.7	96.3	97.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.8	84.0	86.4	89.8	93.7	93.8	94.7	96.3	97.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
41110	BITBURG AB DL	73-81	APR

HOURS (L.S.T.): ALL

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	31.0	36.1	37.4	38.1	39.9	40.1	40.7	41.0	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.4
≥ 20000	35.1	42.3	43.6	44.5	46.6	46.8	47.5	47.9	48.0	48.1	48.1	48.2	48.2	48.2	49.3	48.3
≥ 18000	35.2	42.4	43.8	44.6	46.7	46.9	47.6	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4
≥ 16000	35.2	42.4	43.8	44.6	46.7	46.9	47.6	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4
≥ 14000	35.2	42.4	43.8	44.7	46.7	46.9	47.7	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.5
≥ 12000	35.4	42.7	44.1	44.9	47.0	47.2	48.0	48.3	48.4	48.5	48.6	48.6	48.6	48.6	48.7	48.8
≥ 10000	36.3	43.8	45.3	46.2	48.2	48.4	49.2	49.6	49.6	49.8	49.8	49.8	49.8	49.9	49.9	50.0
≥ 9000	36.7	44.4	45.9	46.8	48.9	49.1	49.9	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.7	50.7
≥ 8000	38.1	46.4	47.9	48.9	51.1	51.4	52.2	52.6	52.7	52.9	52.9	53.0	53.0	53.0	53.2	53.2
≥ 7000	38.6	47.1	48.6	49.6	51.9	52.2	53.1	53.5	53.6	53.8	53.8	53.8	53.9	53.9	54.1	54.1
≥ 6000	38.9	47.4	48.9	49.9	52.3	52.6	53.5	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.5	54.6
≥ 5000	40.4	49.2	51.0	52.0	54.4	54.8	55.8	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.8	56.8
≥ 4500	42.7	52.1	54.1	55.2	57.7	58.1	59.3	59.7	59.9	60.0	60.1	60.1	60.1	60.2	60.4	60.4
≥ 4000	44.7	54.8	56.9	58.1	60.8	61.2	62.4	62.9	63.1	63.3	63.3	63.4	63.4	63.5	63.7	63.8
≥ 3500	46.8	57.6	59.9	61.1	63.9	64.3	65.6	66.1	66.3	66.5	66.6	66.6	66.6	66.7	66.9	67.0
≥ 3000	50.8	62.3	64.8	66.1	69.2	69.6	71.0	71.5	71.7	71.9	72.0	72.0	72.0	72.1	72.3	72.4
≥ 2500	53.1	65.7	68.3	69.7	72.9	73.4	74.8	75.3	75.6	75.8	75.9	75.9	75.9	76.0	76.2	76.3
≥ 2000	55.9	69.6	72.7	74.3	77.8	78.3	79.8	80.3	80.6	80.8	80.9	80.9	80.9	81.0	81.2	81.3
≥ 1800	56.3	70.3	73.4	75.0	78.6	79.1	80.6	81.2	81.4	81.6	81.7	81.7	81.7	81.8	82.0	82.1
≥ 1500	58.0	73.3	76.6	78.5	82.6	83.2	84.9	85.5	85.7	86.1	86.2	86.2	86.2	86.3	86.5	86.6
≥ 1200	59.1	75.1	78.6	80.7	85.1	85.8	87.7	88.5	88.9	89.2	89.3	89.3	89.3	89.4	89.6	89.7
≥ 1000	59.5	76.2	79.9	82.1	86.9	87.7	89.5	90.5	91.0	91.3	91.4	91.4	91.4	91.5	91.7	91.8
≥ 900	59.6	76.3	80.0	82.3	87.2	88.0	89.8	90.8	91.4	91.7	91.8	91.8	91.8	91.9	92.1	92.2
≥ 800	59.9	76.8	80.7	83.0	88.2	89.0	90.9	92.1	92.7	93.1	93.2	93.2	93.2	93.3	93.5	93.6
≥ 700	60.0	77.2	81.2	83.6	89.1	90.0	92.1	93.4	94.3	94.8	94.9	95.0	95.0	95.1	95.3	95.4
≥ 600	60.1	77.3	81.3	83.8	89.3	90.3	92.5	93.9	94.8	95.3	95.4	95.5	95.5	95.6	95.8	95.9
≥ 500	60.1	77.4	81.5	84.0	89.7	90.6	92.9	94.5	95.6	96.3	96.4	96.4	96.5	96.6	96.8	96.9
≥ 400	60.2	77.5	81.5	84.0	89.8	90.8	93.2	95.0	96.1	97.1	97.2	97.2	97.3	97.4	97.7	97.8
≥ 300	60.2	77.5	81.5	84.0	89.8	90.8	93.2	95.1	96.3	97.7	97.9	98.0	98.1	98.3	98.5	98.6
≥ 200	60.2	77.5	81.5	84.1	89.8	90.9	93.3	95.2	96.4	98.0	98.3	98.5	98.8	99.1	99.4	99.7
≥ 100	60.2	77.5	81.5	84.1	89.8	90.9	93.3	95.2	96.4	98.0	98.3	98.5	98.8	99.2	99.6	100.0
≥ 0	60.2	77.5	81.5	84.1	89.8	90.9	93.3	95.2	96.4	98.0	98.3	98.5	98.8	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6441

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

100 (STATION) BITBURG 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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.2	48.0	48.5	48.7	49.9	50.3	50.4	50.7	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9
≥ 20000	46.9	53.9	54.4	54.7	56.4	56.7	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.4	57.4	57.4
≥ 18000	46.9	54.1	54.6	54.8	56.5	56.9	57.0	57.2	57.2	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥ 16000	46.9	54.1	54.6	54.8	56.5	56.9	57.0	57.2	57.2	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥ 14000	47.1	54.2	54.7	54.9	56.6	57.0	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6
≥ 12000	47.3	54.6	55.0	55.3	57.0	57.4	57.5	57.7	57.7	57.8	57.8	57.8	57.8	58.0	58.0	58.0
≥ 10000	49.0	57.1	57.6	58.0	59.8	60.1	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.8	60.8	60.8
≥ 9000	49.9	58.3	58.8	59.2	61.0	61.4	61.5	61.7	61.7	61.8	61.8	61.8	61.8	62.0	62.0	62.0
≥ 8000	53.8	62.8	63.3	63.7	65.6	66.1	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7
≥ 7000	54.7	64.2	64.6	65.0	67.0	67.4	67.6	67.8	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0
≥ 6000	55.3	64.8	65.2	65.6	67.6	68.0	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.7
≥ 5000	58.6	68.9	69.6	70.0	72.4	72.9	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5
≥ 4500	62.6	74.0	75.0	75.5	78.0	78.5	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1
≥ 4000	63.8	75.9	77.0	77.8	80.4	80.9	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5
≥ 3500	65.7	78.4	79.5	80.2	83.0	83.5	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 3000	66.7	80.2	81.4	82.1	84.9	85.4	85.5	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 2500	67.2	80.8	82.1	83.0	85.8	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.9	86.9	86.9
≥ 2000	68.5	82.4	83.8	84.7	88.3	88.8	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 1800	68.7	82.5	84.0	84.8	88.6	89.1	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 1500	69.6	83.7	85.4	86.8	90.8	91.3	91.4	91.7	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 1200	70.2	84.9	86.9	88.3	92.5	93.0	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1000	71.0	86.1	88.1	89.7	93.9	94.4	94.9	95.6	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9
≥ 900	71.1	86.3	88.5	90.0	94.4	94.9	95.4	96.1	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4
≥ 800	71.1	86.3	88.6	90.2	94.5	95.0	95.5	96.2	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 700	71.1	86.3	88.6	90.2	94.9	95.5	96.0	96.7	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.0
≥ 600	71.1	86.5	88.8	90.4	95.4	96.0	96.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 500	71.1	86.5	88.8	90.5	95.6	96.2	96.8	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 400	71.1	86.5	88.8	90.9	96.0	96.6	97.3	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 300	71.1	86.5	88.9	91.0	96.1	96.7	97.6	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	71.1	86.5	88.9	91.0	96.1	96.7	97.6	99.0	99.3	99.6	99.6	99.6	99.6	99.8	99.9	99.9
≥ 100	71.1	86.5	88.9	91.0	96.1	96.7	97.6	99.0	99.3	99.6	99.6	99.6	99.6	99.9	100.0	100.0
≥ 0	71.1	86.5	88.9	91.0	96.1	96.7	97.6	99.0	99.3	99.6	99.6	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

USAF ETAC FORM JUL 66 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
[illegible]130	BITBURG AB GL	73-81	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	41.7	43.6	44.0	46.1	46.1	46.9	47.0	47.3	47.5	47.5	47.5	47.6	47.8	47.9	48.0
≥ 20000	38.7	45.9	48.0	48.4	51.0	51.0	51.9	52.0	52.2	52.5	52.5	52.5	52.6	52.7	52.8	53.0
≥ 18000	38.8	46.1	48.1	48.5	51.2	51.2	52.	52.1	52.4	52.6	52.6	52.6	52.7	52.8	53.0	53.1
≥ 16000	38.8	46.1	48.1	48.5	51.2	51.2	52.0	52.1	52.4	52.6	52.6	52.6	52.7	52.8	53.0	53.1
≥ 14000	38.8	46.1	48.1	48.5	51.2	51.2	52.0	52.1	52.4	52.6	52.6	52.6	52.7	52.8	53.0	53.1
≥ 12000	39.3	46.5	48.6	49.0	51.6	51.6	52.7	52.8	53.1	53.3	53.3	53.3	53.5	53.6	53.7	53.8
≥ 10000	42.2	49.6	51.8	52.1	55.0	55.0	56.1	56.2	56.5	56.7	56.7	56.7	56.8	57.0	57.1	57.2
≥ 9000	42.2	49.8	52.1	52.5	55.4	55.4	56.5	56.6	56.8	57.1	57.1	57.1	57.2	57.3	57.5	57.6
≥ 8000	44.5	52.6	55.3	55.6	58.9	58.9	60.1	60.2	60.5	60.7	60.7	60.7	60.8	61.0	61.1	61.2
≥ 7000	44.6	52.8	55.8	56.2	59.5	59.5	60.7	60.8	61.1	61.3	61.3	61.3	61.5	61.6	61.7	61.8
≥ 6000	45.0	53.3	56.2	56.7	60.1	60.1	61.3	61.5	61.7	61.9	61.9	61.9	62.1	62.2	62.3	62.4
≥ 5000	47.8	56.2	59.5	60.0	63.5	63.5	65.0	65.1	65.3	65.6	65.7	65.7	65.8	65.9	66.1	66.2
≥ 4500	50.4	59.6	63.3	63.9	67.9	67.9	69.5	69.6	69.8	70.1	70.2	70.2	70.3	70.4	70.5	70.7
≥ 4000	52.4	62.3	66.2	66.9	71.0	71.2	72.7	72.8	73.1	73.3	73.5	73.5	73.6	73.7	73.8	73.9
≥ 3500	54.8	64.7	68.7	69.5	73.6	73.7	75.3	75.4	75.6	75.9	76.0	76.0	76.1	76.2	76.4	76.5
≥ 3000	56.5	67.3	71.3	72.2	76.5	76.6	78.2	78.4	78.7	78.9	79.0	79.0	79.2	79.3	79.4	79.5
≥ 2500	57.5	68.6	72.6	73.6	77.9	78.1	79.8	80.0	8 .2	80.5	80.6	80.6	80.7	80.8	81.0	81.1
≥ 2000	58.5	70.1	74.2	75.2	79.9	80.0	81.7	81.9	82.2	82.4	82.5	82.5	82.7	82.8	82.9	83.0
≥ 1800	58.7	70.4	74.7	75.6	80.5	80.6	82.3	82.5	82.8	83.0	83.2	83.2	83.3	83.4	83.5	83.6
≥ 1500	60.0	72.8	77.1	78.1	83.4	83.5	85.5	85.9	86.2	86.4	86.5	86.5	86.7	86.8	86.9	87.0
≥ 1200	61.5	74.8	79.0	80.1	85.8	86.1	88.1	88.6	88.8	89.1	89.2	89.2	89.3	89.5	89.6	89.7
≥ 1000	62.3	75.8	80.0	81.2	87.3	87.6	89.7	90.3	90.5	90.8	90.9	90.9	91.0	91.2	91.3	91.4
≥ 900	62.3	75.8	80.0	81.2	87.3	87.6	89.7	90.3	90.5	90.8	90.9	90.9	91.0	91.2	91.3	91.4
≥ 800	62.7	76.4	80.7	82.1	88.1	88.5	90.7	91.3	91.5	91.8	91.9	91.9	92.0	92.1	92.2	92.4
≥ 700	62.8	76.6	81.0	82.3	88.6	89.0	91.3	91.9	92.2	92.5	92.6	92.6	92.7	92.8	93.0	93.1
≥ 600	62.8	76.8	81.2	82.8	89.2	89.6	92.2	92.8	93.2	93.5	93.6	93.6	93.7	93.8	93.9	94.1
≥ 500	62.9	77.2	81.8	83.4	90.2	90.5	93.2	93.8	94.2	94.4	94.5	94.5	94.7	94.8	94.9	95.0
≥ 400	62.9	77.3	81.9	84.1	91.3	91.6	94.7	95.3	95.8	96.0	96.1	96.1	96.2	96.4	96.5	96.8
≥ 300	63.0	77.7	82.3	84.5	91.6	92.0	95.0	95.9	96.6	96.8	97.0	97.0	97.1	97.2	97.3	97.7
≥ 200	63.0	77.7	82.3	84.5	91.6	92.0	95.0	96.0	96.7	97.2	97.5	97.5	97.7	97.8	98.3	99.0
≥ 100	63.0	77.7	82.3	84.5	91.6	92.0	95.0	96.0	96.7	97.5	97.8	97.8	98.2	98.7	99.3	100.0
≥ 0	63.0	77.7	82.3	84.5	91.6	92.0	95.0	96.0	96.7	97.5	97.8	97.8	98.2	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0 (STATION) BITBURG AB GL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 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	23.5	29.7	32.0	32.7	35.6	35.6	37.3	37.5	37.5	38.1	38.2	38.2	38.5	39.0	39.1	39.3
≥ 20000	25.4	33.7	36.6	37.4	40.5	40.6	42.6	43.0	43.0	44.0	44.1	44.1	44.4	44.8	45.1	45.3
≥ 18000	25.5	33.8	36.7	37.5	40.6	40.8	42.7	43.2	43.2	44.1	44.2	44.2	44.5	45.0	45.2	45.4
≥ 16000	25.5	33.8	36.7	37.5	40.6	40.8	42.7	43.2	43.2	44.1	44.2	44.2	44.5	45.0	45.2	45.4
≥ 14000	25.5	33.8	36.7	37.5	40.6	40.8	42.7	43.2	43.2	44.1	44.2	44.2	44.5	45.0	45.2	45.4
≥ 12000	25.9	34.3	37.4	38.2	41.6	41.7	43.8	44.2	44.4	45.3	45.4	45.4	45.7	46.3	46.6	46.9
≥ 10000	29.3	39.0	42.2	43.0	46.5	46.6	48.7	49.2	49.3	50.2	50.4	50.4	50.6	51.2	51.6	51.8
≥ 9000	29.5	39.4	42.7	43.6	47.2	47.4	49.4	49.9	50.0	51.0	51.1	51.1	51.3	51.9	52.3	52.5
≥ 8000	31.9	43.0	46.6	47.8	52.3	52.5	54.6	55.2	55.3	56.2	56.4	56.4	56.6	57.2	57.6	57.8
≥ 7000	32.1	43.4	47.0	48.2	52.6	52.9	54.9	55.6	55.8	56.8	57.0	57.0	57.2	57.8	58.2	58.4
≥ 6000	32.1	43.4	47.0	48.2	52.6	52.9	54.9	55.6	55.8	56.8	57.0	57.0	57.2	57.8	58.2	58.4
≥ 5000	33.3	44.8	48.4	49.8	54.6	54.8	56.8	57.6	57.7	58.8	58.9	58.9	59.1	59.7	60.1	60.3
≥ 4500	35.1	46.8	50.4	52.3	57.3	57.6	59.6	60.3	60.6	61.6	61.8	61.8	62.0	62.7	63.1	63.3
≥ 4000	36.6	48.9	52.8	54.9	60.3	60.6	62.7	63.4	63.7	64.7	64.9	64.9	65.1	65.8	66.2	66.4
≥ 3500	37.5	50.6	54.4	56.6	62.2	62.5	64.6	65.3	65.6	66.7	66.8	66.8	67.0	67.7	68.1	68.3
≥ 3000	38.8	52.8	56.7	59.0	65.1	65.5	67.9	68.7	68.9	70.1	70.3	70.3	70.5	71.2	71.6	71.8
≥ 2500	40.3	54.7	58.8	61.3	67.5	67.9	70.4	71.2	71.5	72.7	72.8	72.8	73.0	73.7	74.1	74.3
≥ 2000	41.6	56.6	61.0	63.5	69.9	70.5	73.1	74.0	74.2	75.4	75.5	75.5	75.8	76.5	76.9	77.1
≥ 1800	42.1	57.2	61.6	64.1	70.5	71.1	73.7	74.6	74.8	76.0	76.1	76.1	76.4	77.1	77.5	77.7
≥ 1500	43.6	59.8	64.7	67.4	74.5	75.1	78.1	79.0	79.3	80.5	80.6	80.6	80.8	81.5	81.9	82.1
≥ 1200	44.3	61.4	66.8	70.0	77.2	77.8	81.4	82.5	82.7	84.1	84.2	84.2	84.4	85.1	85.5	85.7
≥ 1000	45.6	62.5	68.0	71.8	79.9	80.5	84.1	85.4	85.9	87.2	87.3	87.3	87.5	88.2	88.6	88.8
≥ 900	45.6	62.6	68.1	71.9	80.1	80.7	84.4	85.7	86.2	87.5	87.6	87.6	87.9	88.6	89.0	89.2
≥ 800	45.8	63.4	69.2	73.0	81.5	82.1	85.9	87.3	87.9	89.3	89.4	89.4	89.7	90.4	90.8	91.0
≥ 700	46.0	63.8	69.5	73.4	82.0	82.6	86.3	87.8	88.5	89.9	90.0	90.0	90.3	91.0	91.4	91.6
≥ 600	46.2	63.9	69.8	73.6	83.2	83.9	87.9	89.3	90.2	91.7	91.8	91.8	92.2	92.9	93.3	93.5
≥ 500	46.5	64.4	70.3	74.1	83.8	84.5	88.5	90.2	91.2	92.8	92.9	92.9	93.3	94.0	94.4	94.6
≥ 400	46.6	64.6	70.5	74.5	84.4	85.1	89.2	91.0	92.2	94.0	94.1	94.1	94.5	95.2	95.6	96.2
≥ 300	46.6	64.6	70.5	74.5	84.7	85.4	89.6	91.6	93.2	95.2	95.3	95.3	95.7	96.6	97.1	97.7
≥ 200	46.6	64.6	70.5	74.5	84.7	85.4	89.6	91.6	93.2	95.3	95.8	95.9	96.3	97.7	98.4	99.3
≥ 100	46.6	64.6	70.5	74.5	84.7	85.4	89.6	91.6	93.2	95.4	95.9	96.0	96.4	98.1	99.0	100.0
≥ 0	46.6	64.6	70.5	74.5	84.7	85.4	89.6	91.6	93.2	95.4	95.9	96.0	96.4	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC FORM JUL 60 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1130	BITBURG AB DL	73-81	MAY
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.2	34.3	35.6	37.0	38.5	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.9
≥ 20000	31.5	38.0	39.8	41.2	42.9	42.9	43.1	43.2	43.2	43.4	43.4	43.4	43.4	43.6	43.6	43.7
≥ 18000	31.7	38.1	40.0	41.5	43.1	43.1	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.8	43.8	44.0
≥ 16000	31.7	38.1	40.0	41.5	43.1	43.1	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.8	43.8	44.0
≥ 14000	31.8	38.2	40.1	41.6	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7	44.0	44.0	44.1
≥ 12000	32.0	38.9	40.9	42.4	44.4	44.4	44.7	44.8	44.8	44.9	44.9	44.9	44.9	45.2	45.2	45.3
≥ 10000	33.0	40.4	42.4	44.0	46.1	46.1	46.4	46.5	46.5	46.6	46.6	46.6	46.6	46.8	46.8	47.0
≥ 9000	33.5	41.3	43.4	45.0	47.2	47.2	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.9	47.9	48.2
≥ 8000	36.1	45.0	47.3	49.1	51.7	51.7	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.6	52.6	52.7
≥ 7000	36.4	45.5	48.0	49.8	52.6	52.7	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.6	53.6	53.8
≥ 6000	36.8	46.7	48.5	50.3	53.0	53.2	53.5	53.8	53.8	53.9	53.9	53.9	53.9	54.1	54.1	54.2
≥ 5000	37.8	47.2	49.8	51.6	54.7	54.8	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.8	55.8	55.9
≥ 4500	39.1	49.1	51.9	53.6	57.0	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8	58.1	58.1	58.2
≥ 4000	40.5	51.0	53.8	55.8	59.1	59.3	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.3	60.3	60.5
≥ 3500	41.6	52.3	55.3	57.3	60.9	61.1	61.5	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.2
≥ 3000	43.6	55.0	58.1	60.3	64.6	64.9	65.5	65.7	65.8	65.9	65.9	65.9	65.9	66.2	66.2	66.3
≥ 2500	45.2	56.8	60.0	62.5	67.3	67.5	68.1	68.3	68.5	68.6	68.6	68.6	68.6	68.8	68.8	68.9
≥ 2000	49.6	63.0	66.2	68.8	73.8	74.1	74.8	75.0	75.4	75.5	75.5	75.5	75.5	75.7	75.7	75.9
≥ 1800	50.3	64.2	67.4	70.0	75.1	75.4	76.1	76.3	76.7	76.8	76.8	76.8	76.8	77.1	77.1	77.2
≥ 1500	53.3	67.7	71.2	74.6	80.0	80.3	81.1	81.7	82.2	82.4	82.4	82.4	82.4	82.7	82.7	82.8
≥ 1200	54.4	69.7	73.5	77.4	83.4	83.8	84.7	85.4	85.9	86.1	86.1	86.1	86.1	86.4	86.4	86.5
≥ 1000	55.3	71.2	75.3	79.3	86.4	86.9	88.4	89.1	89.6	89.8	89.8	89.8	89.8	90.1	90.1	90.2
≥ 900	55.6	71.7	75.7	79.8	87.0	87.5	89.0	89.7	90.2	90.4	90.4	90.4	90.4	90.7	90.7	90.8
≥ 800	55.8	72.3	76.5	81.2	89.4	90.0	91.8	92.6	93.1	93.3	93.3	93.4	93.4	93.7	93.7	93.8
≥ 700	56.3	72.6	76.9	81.8	90.3	91.0	93.2	94.0	94.5	94.7	94.7	94.9	94.9	95.1	95.1	95.2
≥ 600	56.4	73.0	77.3	82.3	91.2	91.9	94.0	94.9	95.3	95.6	95.6	95.7	95.7	95.9	95.9	96.1
≥ 500	56.6	73.4	77.7	82.8	91.8	92.6	95.1	96.1	96.5	96.8	96.8	96.9	96.9	97.1	97.1	97.3
≥ 400	56.6	73.4	77.7	82.9	91.9	92.8	95.5	96.8	97.4	97.6	97.6	97.7	97.7	98.0	98.0	98.1
≥ 300	56.6	73.4	77.7	82.9	91.9	92.8	95.6	97.0	97.7	98.4	98.4	98.6	98.6	98.8	98.8	98.9
≥ 200	56.6	73.4	77.7	82.9	91.9	92.8	95.6	97.0	97.7	98.6	98.7	98.8	98.8	99.4	99.5	99.8
≥ 100	56.6	73.4	77.7	82.9	91.9	92.8	95.6	97.0	97.7	98.6	98.7	98.9	98.9	99.6	99.8	100.0
≥ 0	56.6	73.4	77.7	82.9	91.9	92.8	95.6	97.0	97.7	98.6	98.7	98.9	98.9	99.6	99.8	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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BITBURG AB DL	73-81	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

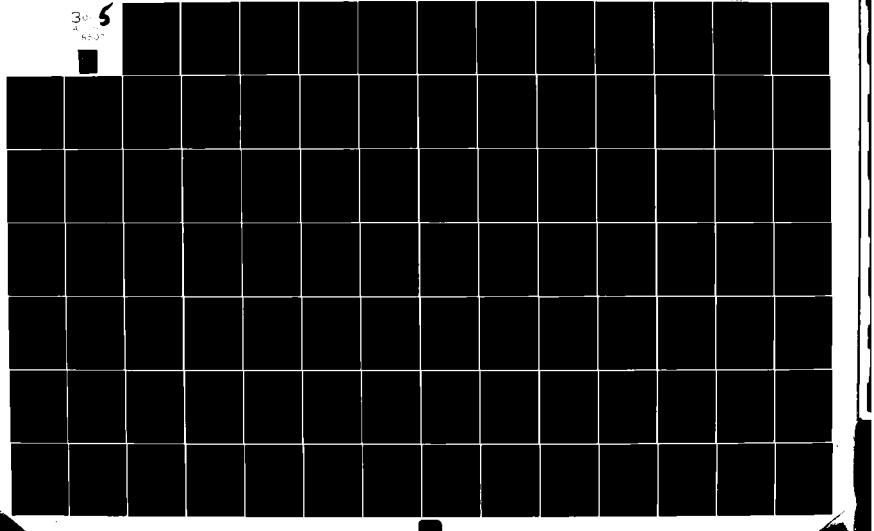
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.0	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	36.6	43.2	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000	36.9	43.8	44.0	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	37.0	44.0	44.1	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	37.3	44.1	44.2	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	37.2	44.8	44.9	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	38.5	46.2	46.4	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 9000	39.4	47.7	47.8	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	41.1	50.1	50.2	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 7000	41.9	51.0	51.1	51.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	42.3	51.5	51.6	52.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 5000	43.4	52.8	53.0	53.5	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4500	45.2	55.1	55.3	55.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4000	47.6	58.3	58.7	59.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 3500	51.3	62.8	63.3	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 3000	58.2	69.9	70.5	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	63.0	76.1	76.8	77.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	66.7	81.4	82.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	67.6	82.4	83.4	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	70.3	86.1	87.3	88.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	71.2	87.8	89.1	90.6	93.2	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	72.2	89.1	90.6	92.0	94.9	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	72.3	89.2	90.7	92.1	95.0	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1
≥ 800	72.4	89.5	91.0	92.5	95.3	96.1	96.3	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 700	72.4	89.6	91.2	92.8	95.8	96.5	96.8	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 600	72.5	89.7	91.3	93.0	95.9	96.7	97.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	72.9	90.3	92.0	93.7	96.7	97.5	98.0	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	72.9	90.3	92.0	93.7	96.7	97.5	98.0	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	72.9	90.3	92.0	93.7	96.8	97.6	98.1	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	72.9	90.3	92.0	93.7	96.8	97.6	98.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	72.9	90.3	92.0	93.7	96.8	97.6	98.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	72.9	90.3	92.0	93.7	96.8	97.6	98.1	99.2	99.6	99.9	99.9	99.9	100.0	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

AD-A118 507 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BITBURG AIR BASE, WEST GERMANY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/039 SBI-AD-E850 198 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1100	BITBURG AB DL	73-81	MAY
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	27.5	31.4	31.7	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	36.7	43.7	44.1	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	36.8	44.2	44.4	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 16000	36.8	44.2	44.4	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 14000	36.8	44.3	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000	37.4	45.0	45.3	45.4	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000	40.0	48.0	48.4	48.5	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000	41.3	49.0	49.3	49.5	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	43.6	52.6	52.9	53.3	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 7000	43.8	52.8	53.2	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	44.1	53.3	53.6	54.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000	45.9	55.3	55.7	56.0	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4500	48.7	58.9	59.3	59.6	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4000	53.9	64.5	64.9	65.2	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3500	57.8	69.1	69.7	70.0	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	64.4	77.2	77.9	78.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	68.9	83.0	83.8	84.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	72.8	87.6	88.3	89.2	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	73.6	88.6	89.4	90.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	75.0	90.6	91.3	92.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	76.0	91.9	92.7	94.0	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	76.2	92.1	93.0	94.3	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	76.5	92.4	93.2	94.5	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	76.6	92.6	93.5	95.0	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	76.7	92.7	93.7	95.1	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	76.7	92.7	93.7	95.3	98.3	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	76.7	92.7	93.7	95.3	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	76.7	92.7	93.7	95.3	98.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.7	92.7	93.7	95.3	98.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.7	92.7	93.7	95.3	98.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.7	92.7	93.7	95.3	98.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.7	92.7	93.7	95.3	98.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.0	BITBURG AB OL	73-81	MAY
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	38.0	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	40.3	48.1	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
≥ 18000	40.4	48.4	48.7	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000	40.4	48.4	48.7	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000	40.6	48.6	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
≥ 12000	41.6	49.7	50.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	44.3	52.7	53.0	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000	45.4	54.6	55.1	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	49.0	59.0	59.5	59.9	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 7000	49.3	59.4	59.9	60.2	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	50.2	60.8	61.3	61.6	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000	53.8	64.4	64.9	65.2	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	57.8	68.7	69.2	69.5	70.0	70.0	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	61.8	73.2	73.8	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	65.1	77.3	78.3	78.6	79.1	79.2	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	69.4	82.9	83.9	84.6	85.3	85.4	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	72.2	86.3	87.3	88.3	89.0	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	75.0	89.6	91.0	92.4	93.1	93.2	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	75.1	89.7	91.2	92.5	93.2	93.3	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	75.4	90.7	92.1	93.5	94.7	94.9	95.2	95.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	76.2	91.8	93.2	94.6	96.2	96.4	97.1	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	76.3	92.0	93.5	95.0	96.5	96.9	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	76.3	92.0	93.5	95.0	96.5	96.9	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	76.3	92.0	93.7	95.2	96.9	97.4	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	76.5	92.2	93.9	95.5	97.4	97.8	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	76.5	92.2	93.9	95.6	97.5	98.1	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	76.5	92.2	93.9	95.6	97.5	98.1	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	76.5	92.2	93.9	95.6	97.5	98.1	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	76.5	92.2	93.9	95.6	97.5	98.1	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	76.5	92.2	93.9	95.6	97.5	98.1	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.5	92.2	93.9	95.6	97.5	98.1	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.5	92.2	93.9	95.6	97.5	98.1	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72100	BITBURG AB DL	73-81	MAY
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.6	46.5	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	45.9	55.2	56.4	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	45.9	55.2	56.4	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	45.9	55.2	56.4	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	45.9	55.2	56.4	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	46.9	56.1	57.4	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	50.0	59.6	60.9	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	51.8	61.4	62.8	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 8000	55.5	65.9	67.4	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	56.7	66.5	68.0	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	56.2	67.0	68.5	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	60.0	70.9	72.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	63.5	74.9	76.6	76.7	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	67.1	79.6	81.3	81.4	82.4	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	69.4	82.4	84.4	84.7	85.6	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	71.1	84.7	86.8	87.1	88.0	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	71.8	85.5	87.9	88.2	89.2	89.3	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	72.8	86.7	89.4	89.8	91.2	91.5	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	72.9	86.8	89.6	89.9	91.4	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	73.7	88.2	91.0	91.6	93.2	93.4	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	73.9	89.3	92.2	92.8	94.6	94.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	74.1	89.7	92.6	93.2	95.1	95.7	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	74.1	89.8	92.7	93.3	95.2	96.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	74.2	90.0	92.9	93.5	95.6	96.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	74.3	90.3	93.3	94.0	96.2	97.0	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	74.3	90.8	93.8	94.5	96.8	97.6	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	74.5	90.9	93.9	94.6	97.1	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	74.5	90.9	93.9	94.6	97.1	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.5	90.9	93.9	94.6	97.1	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.5	90.9	93.9	94.6	97.1	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.5	90.9	93.9	94.6	97.1	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.5	90.9	93.9	94.6	97.1	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) MAY (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	38.0	38.9	39.4	40.4	40.4	40.8	40.9	40.9	41.0	41.0	41.0	41.1	41.2	41.2	41.3
≥ 20000	37.7	45.2	46.4	46.8	48.1	48.2	48.6	48.7	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2
≥ 18000	37.8	45.4	46.6	47.0	48.3	48.4	48.8	48.9	49.0	49.1	49.2	49.2	49.2	49.3	49.4	49.4
≥ 16000	37.9	45.5	46.6	47.1	48.4	48.4	48.8	48.9	49.0	49.2	49.2	49.2	49.2	49.3	49.4	49.4
≥ 14000	37.9	45.5	46.7	47.1	48.5	48.5	48.9	49.0	49.1	49.2	49.3	49.3	49.3	49.4	49.5	49.5
≥ 12000	38.4	46.2	47.4	47.9	49.3	49.4	49.8	49.9	50.0	50.2	50.2	50.2	50.2	50.3	50.4	50.5
≥ 10000	40.7	49.1	50.3	50.8	52.3	52.4	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.3	53.4	53.5
≥ 9000	41.6	50.2	51.5	52.0	53.5	53.6	54.0	54.2	54.2	54.4	54.4	54.4	54.4	54.6	54.6	54.7
≥ 8000	44.4	53.9	55.3	55.9	57.7	57.8	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.9	58.9	59.0
≥ 7000	44.9	54.4	55.9	56.6	58.4	58.6	59.0	59.2	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.8
≥ 6000	45.2	55.0	56.5	57.1	59.0	59.1	59.6	59.8	59.8	60.0	60.0	60.0	60.1	60.2	60.3	60.3
≥ 5000	47.5	57.5	59.1	59.8	61.8	62.0	62.5	62.6	62.7	62.9	62.9	62.9	63.0	63.1	63.1	63.2
≥ 4500	50.3	60.9	62.6	63.3	65.5	65.7	66.2	66.4	66.4	66.6	66.7	66.7	66.7	66.9	66.9	67.0
≥ 4000	52.9	64.2	66.0	66.9	69.2	69.4	70.0	70.2	70.2	70.4	70.5	70.5	70.5	70.7	70.7	70.8
≥ 3500	55.4	67.2	69.2	70.1	72.5	72.6	73.2	73.4	73.5	73.7	73.7	73.7	73.8	73.9	74.0	74.0
≥ 3000	58.6	71.2	73.3	74.4	77.1	77.3	78.0	78.2	78.2	78.5	78.5	78.5	78.5	78.7	78.8	78.8
≥ 2500	60.7	74.0	76.2	77.4	80.2	80.4	81.1	81.3	81.4	81.6	81.6	81.6	81.7	81.8	81.9	82.0
≥ 2000	63.2	77.2	79.5	80.9	84.0	84.2	85.0	85.2	85.3	85.5	85.5	85.5	85.6	85.7	85.8	85.8
≥ 1800	63.6	77.7	80.1	81.5	84.6	84.9	85.6	85.8	85.9	86.2	86.2	86.2	86.3	86.4	86.5	86.5
≥ 1500	65.1	80.0	82.5	84.1	87.7	88.0	88.9	89.2	89.3	89.6	89.6	89.6	89.7	89.8	89.9	89.9
≥ 1200	66.0	81.5	84.2	86.0	89.9	90.3	91.5	91.9	92.0	92.3	92.3	92.3	92.3	92.5	92.6	92.6
≥ 1000	66.6	82.3	85.1	87.1	91.4	91.8	93.1	93.6	93.8	94.0	94.1	94.1	94.1	94.3	94.3	94.4
≥ 900	66.7	82.5	85.3	87.2	91.6	92.1	93.4	93.9	94.1	94.3	94.4	94.4	94.4	94.6	94.7	94.7
≥ 800	66.9	82.8	85.8	87.8	92.4	93.0	94.4	94.9	95.1	95.4	95.5	95.5	95.5	95.7	95.7	95.8
≥ 700	67.0	83.0	86.0	88.1	92.9	93.5	95.0	95.6	95.8	96.1	96.2	96.2	96.2	96.4	96.4	96.5
≥ 600	67.1	83.2	86.2	88.4	93.4	94.1	95.6	96.4	96.6	96.9	96.9	97.0	97.0	97.2	97.2	97.3
≥ 500	67.2	83.5	86.5	88.8	93.9	94.6	96.2	97.0	97.3	97.6	97.7	97.7	97.8	97.9	98.0	98.0
≥ 400	67.2	83.5	86.6	89.0	94.2	94.9	96.6	97.4	97.8	98.2	98.2	98.2	98.3	98.5	98.5	98.7
≥ 300	67.2	83.6	86.6	89.0	94.3	95.0	96.7	97.7	98.2	98.7	98.7	98.7	98.8	99.0	99.1	99.2
≥ 200	67.2	83.6	86.6	89.0	94.3	95.0	96.7	97.7	98.2	98.8	98.9	99.0	99.1	99.3	99.5	99.7
≥ 100	67.2	83.6	86.6	89.0	94.3	95.0	96.7	97.7	98.2	98.8	99.0	99.0	99.1	99.5	99.8	100.0
≥ 0	67.2	83.6	86.6	89.0	94.3	95.0	96.7	97.7	98.2	98.8	99.0	99.0	99.1	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6664

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

4100	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	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	44.6	49.1	49.5	49.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	49.1	54.4	54.8	55.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	49.1	54.4	54.8	55.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	49.1	54.4	54.8	55.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	49.6	54.9	55.3	55.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	50.2	55.6	55.9	56.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	51.7	57.0	57.4	57.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	54.1	59.4	59.8	60.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	57.7	63.3	63.7	64.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	58.4	64.1	64.4	65.1	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	58.4	64.1	64.4	65.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	62.2	68.1	68.5	69.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	67.5	73.8	74.3	75.3	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	71.1	78.0	78.5	79.5	82.7	82.7	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	72.6	79.6	80.4	81.5	85.2	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	74.8	82.0	82.7	84.0	87.8	87.9	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	75.6	83.0	83.7	84.9	88.9	89.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	77.0	84.6	85.3	86.5	91.1	91.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	77.0	84.6	85.3	86.5	91.1	91.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	78.0	85.9	86.7	88.0	93.1	93.3	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	78.5	86.7	87.4	88.8	94.1	94.3	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	78.6	86.8	87.5	89.0	94.7	95.1	96.2	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	78.8	86.9	87.7	89.1	94.8	95.2	96.3	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	78.8	87.2	87.9	89.4	95.1	95.4	96.5	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	78.8	87.2	87.9	89.4	95.1	95.4	96.5	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	79.0	87.5	88.3	90.1	95.8	96.2	97.3	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	79.3	88.1	88.9	90.7	96.5	96.9	98.0	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	79.3	88.1	88.9	90.9	96.8	97.2	98.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	79.3	88.1	88.9	90.9	96.9	97.3	98.4	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.3	88.1	88.9	90.9	96.9	97.3	98.4	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.3	88.1	88.9	90.9	96.9	97.3	98.4	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.3	88.1	88.9	90.9	96.9	97.3	98.4	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6100 (STATION) BITBURG AB OL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0330-0500 (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	35.3	42.6	42.8	43.5	46.3	46.7	47.2	47.5	47.7	47.7	47.8	47.8	47.8	47.8	47.9	48.1
≥ 20000	37.9	43.5	46.0	46.7	49.8	50.2	50.9	51.2	51.6	51.6	51.7	51.7	51.7	51.9	52.1	52.3
≥ 18000	38.0	43.6	46.2	46.8	49.9	50.4	51.0	51.4	51.7	51.7	51.9	51.9	51.9	52.0	52.2	52.5
≥ 16000	38.2	43.6	46.2	46.8	49.9	50.4	51.0	51.4	51.7	51.7	51.9	51.9	51.9	52.0	52.2	52.5
≥ 14000	38.3	43.8	46.4	47.0	50.1	50.6	51.2	51.6	52.0	52.0	52.1	52.1	52.1	52.2	52.5	52.7
≥ 12000	39.1	44.8	47.4	48.0	51.1	51.6	52.2	52.6	53.0	53.0	53.1	53.1	53.1	53.2	53.5	53.7
≥ 10000	40.5	46.8	49.4	50.1	53.3	54.0	54.6	54.9	55.3	55.3	55.4	55.4	55.4	55.6	55.8	56.0
≥ 9000	41.6	47.9	50.5	51.4	54.9	55.6	56.2	56.7	57.0	57.0	57.2	57.2	57.2	57.3	57.5	57.8
≥ 8000	44.0	50.2	53.1	54.0	57.9	58.5	59.3	60.1	60.5	60.5	60.6	60.6	60.6	60.7	61.0	61.2
≥ 7000	44.6	50.9	53.7	54.6	58.5	59.1	59.9	60.7	61.1	61.1	61.2	61.2	61.2	61.4	61.6	61.9
≥ 6000	44.6	50.9	53.8	54.7	58.8	59.4	60.1	61.0	61.4	61.4	61.5	61.5	61.5	61.6	61.9	62.1
≥ 5000	47.5	54.3	57.5	58.4	62.7	63.3	64.1	64.9	65.3	65.3	65.4	65.4	65.4	65.6	65.8	66.0
≥ 4500	51.2	58.5	61.9	62.7	67.8	68.5	69.9	70.7	71.2	71.4	71.5	71.5	71.5	71.6	71.9	72.1
≥ 4000	54.3	62.3	66.2	67.0	72.2	73.0	74.4	75.3	76.0	76.3	76.4	76.4	76.4	76.5	76.8	77.0
≥ 3500	57.2	65.4	69.6	70.5	75.8	76.5	78.0	78.9	79.6	79.9	80.0	80.0	80.0	80.1	80.4	80.7
≥ 3000	59.1	68.0	72.3	73.5	78.9	79.8	81.4	82.2	83.0	83.2	83.3	83.3	83.3	83.5	83.7	84.1
≥ 2500	60.0	69.1	73.5	74.6	80.0	80.9	82.5	83.5	84.2	84.4	84.6	84.6	84.6	84.7	84.9	85.3
≥ 2000	61.7	70.9	75.3	76.4	82.0	82.8	84.6	85.6	86.3	86.5	86.7	86.7	86.7	86.8	87.0	87.4
≥ 1800	62.1	71.4	75.9	77.2	82.7	83.6	85.3	86.3	87.0	87.3	87.4	87.4	87.4	87.5	87.8	88.1
≥ 1500	63.3	73.0	77.5	79.4	85.6	86.4	88.3	89.4	90.1	90.4	90.5	90.5	90.5	90.6	90.9	91.2
≥ 1200	64.8	74.9	79.5	81.4	87.7	88.5	90.4	91.5	92.6	92.8	93.0	93.0	93.0	93.1	93.3	93.7
≥ 1000	66.0	76.3	80.9	82.7	89.8	90.7	92.6	93.7	94.9	95.2	95.3	95.3	95.3	95.4	95.7	96.0
≥ 900	66.0	76.4	81.0	82.8	89.9	90.9	92.7	93.8	95.1	95.3	95.4	95.4	95.4	95.6	95.8	96.2
≥ 800	66.3	76.5	81.1	83.1	90.1	91.1	93.0	94.1	95.3	95.6	95.7	95.7	95.7	95.8	96.0	96.4
≥ 700	66.3	76.5	81.4	83.3	90.5	91.5	93.3	94.4	95.7	95.9	96.0	96.0	96.0	96.2	96.4	96.8
≥ 600	66.7	76.5	81.4	83.3	91.1	92.1	94.0	95.1	96.3	96.5	96.7	96.7	96.7	96.8	97.0	97.4
≥ 500	66.2	76.8	81.6	83.7	92.5	93.6	95.4	97.0	98.3	98.6	98.8	98.8	98.8	98.9	99.1	99.5
≥ 400	66.2	76.8	81.6	83.7	92.5	93.6	95.4	97.0	98.5	98.9	99.0	99.0	99.0	99.1	99.4	99.8
≥ 300	66.2	76.8	81.6	83.7	92.5	93.6	95.4	97.0	98.5	98.9	99.0	99.0	99.0	99.1	99.4	99.8
≥ 200	66.2	76.8	81.6	83.7	92.5	93.6	95.4	97.0	98.5	98.9	99.0	99.0	99.0	99.1	99.4	99.8
≥ 100	66.2	76.8	81.6	83.7	92.5	93.6	95.4	97.0	98.5	99.0	99.1	99.1	99.1	99.3	99.5	100.0
≥ 0	66.2	76.8	81.6	83.7	92.5	93.6	95.4	97.0	98.5	99.0	99.1	99.1	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

[redacted] STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 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	21.4	28.1	31.5	32.5	34.9	35.4	36.8	37.8	38.0	38.3	38.3	38.4	38.4	38.6	38.9	39.3
≥ 20000	23.7	31.1	34.8	36.3	39.1	39.6	41.1	42.1	42.3	42.6	42.6	42.8	42.8	43.1	43.5	44.0
≥ 18000	23.7	31.1	34.8	36.3	39.1	39.6	41.1	42.1	42.3	42.6	42.6	42.8	42.8	43.1	43.5	44.0
≥ 16000	23.7	31.1	34.8	36.3	39.1	39.6	41.1	42.1	42.3	42.6	42.6	42.8	42.8	43.1	43.5	44.0
≥ 14000	23.7	31.1	34.8	36.3	39.1	39.6	41.1	42.1	42.3	42.6	42.6	42.8	42.8	43.1	43.5	44.0
≥ 12000	24.1	31.5	35.3	36.8	39.6	40.1	41.6	42.6	42.8	43.1	43.1	43.3	43.3	43.6	44.0	44.4
≥ 10000	25.7	33.8	37.8	39.4	42.5	43.0	44.7	45.7	45.9	46.2	46.2	46.4	46.4	46.7	47.0	47.5
≥ 9000	26.5	35.1	39.0	40.7	43.8	44.3	46.0	47.2	47.5	47.8	47.8	48.1	48.1	48.4	48.8	49.3
≥ 8000	29.5	38.9	43.3	45.3	49.1	49.9	52.0	53.1	53.7	54.2	54.2	54.7	54.7	54.9	55.3	55.8
≥ 7000	29.8	39.1	43.6	45.7	49.5	50.2	52.3	53.5	54.1	54.6	54.6	55.1	55.1	55.3	55.7	56.2
≥ 6000	29.9	39.4	43.8	45.9	50.2	51.0	53.1	54.2	54.8	55.3	55.3	55.8	55.8	56.0	56.4	56.9
≥ 5000	31.6	41.2	45.7	47.9	52.3	53.1	55.2	56.4	57.0	57.5	57.5	58.0	58.0	58.3	58.6	59.1
≥ 4500	33.7	44.3	49.0	51.4	55.9	56.7	58.8	60.2	61.1	61.7	61.7	62.2	62.2	62.5	62.8	63.3
≥ 4000	34.7	45.6	50.4	53.2	58.3	59.1	61.5	63.2	64.2	64.8	64.8	65.3	65.3	65.6	65.9	66.4
≥ 3500	36.4	48.0	53.0	55.8	61.1	62.0	64.4	66.2	67.2	67.8	67.8	68.3	68.3	68.5	68.9	69.4
≥ 3000	37.7	50.4	55.4	58.6	64.0	65.2	67.9	69.6	70.6	71.2	71.2	71.7	71.7	72.0	72.3	72.8
≥ 2500	39.0	52.0	57.2	60.4	65.9	67.3	70.1	71.9	72.8	73.5	73.5	74.0	74.0	74.2	74.6	75.1
≥ 2000	40.7	54.2	59.5	62.7	68.6	70.0	73.1	74.9	75.9	76.5	76.5	77.0	77.0	77.3	77.7	78.1
≥ 1800	40.9	54.6	60.0	63.3	69.4	70.7	74.1	75.9	76.9	77.5	77.5	78.0	78.0	78.3	78.6	79.1
≥ 1500	42.3	56.7	62.5	66.2	72.3	74.1	78.1	80.2	81.2	81.9	81.9	82.3	82.3	82.6	83.0	83.5
≥ 1200	44.1	58.6	64.6	68.5	74.9	76.8	80.9	83.2	84.2	84.8	84.8	85.3	85.3	85.6	85.9	86.4
≥ 1000	44.8	59.9	66.3	70.2	76.8	78.8	83.2	86.0	87.0	87.7	87.7	88.1	88.1	88.4	88.8	89.3
≥ 900	44.9	60.1	66.7	70.6	77.4	79.4	84.0	86.8	87.8	88.5	88.5	89.0	89.0	89.3	89.6	90.1
≥ 800	45.6	61.0	67.5	71.6	78.5	80.5	85.1	88.1	89.1	90.0	90.0	90.5	90.5	90.7	91.1	91.6
≥ 700	45.9	61.9	68.6	72.7	80.1	82.1	86.7	90.0	91.4	92.5	92.5	93.0	93.0	93.2	93.6	94.1
≥ 600	45.9	62.0	68.8	72.8	80.4	82.3	86.9	90.2	91.6	93.0	93.1	93.6	93.6	93.8	94.2	94.7
≥ 500	46.0	62.1	68.9	73.0	80.9	83.0	87.8	92.0	93.3	94.9	95.1	95.6	95.6	95.9	96.3	96.8
≥ 400	46.0	62.1	68.9	73.0	80.9	83.0	87.9	92.2	94.0	95.9	96.0	96.5	96.5	96.9	97.3	97.8
≥ 300	46.0	62.1	68.9	73.0	81.0	83.1	88.0	92.5	94.4	96.7	96.8	97.3	97.3	97.7	98.0	98.5
≥ 200	46.0	62.1	68.9	73.0	81.0	83.1	88.1	92.6	94.6	96.9	97.0	97.5	97.7	98.0	98.4	99.1
≥ 100	46.0	62.1	68.9	73.0	81.0	83.1	88.1	92.6	94.6	96.9	97.2	97.7	97.8	98.1	98.5	99.5
≥ 0	46.0	62.1	68.9	73.0	81.0	83.1	88.1	92.6	94.6	96.9	97.2	97.7	97.8	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 812

USAF ETAC FORM JUL 68 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72100	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.8	29.9	32.1	33.3	35.6	35.8	36.3	36.3	36.4	36.4	36.4	36.4	36.5	36.7	36.7	36.7
≥ 20000	29.5	34.3	37.0	38.3	40.9	41.1	41.6	41.6	41.7	41.7	41.7	41.7	41.9	42.0	42.0	42.0
≥ 18000	29.8	34.6	37.3	38.5	41.1	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.1	42.2	42.2	42.2
≥ 16000	29.8	34.6	37.3	38.5	41.1	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.1	42.2	42.2	42.2
≥ 14000	29.9	34.8	37.5	38.8	41.4	41.6	42.1	42.1	42.2	42.2	42.2	42.2	42.3	42.5	42.5	42.5
≥ 12000	30.2	35.6	38.6	39.9	42.6	42.8	43.3	43.5	43.6	43.6	43.6	43.6	43.7	43.8	43.8	43.8
≥ 10000	31.7	37.4	41.0	42.3	45.1	45.3	45.8	45.9	46.0	46.0	46.0	46.0	46.2	46.3	46.3	46.3
≥ 9000	34.0	39.8	43.3	45.1	47.8	48.0	48.5	48.6	48.8	48.8	48.8	48.8	48.9	49.0	49.0	49.0
≥ 8000	36.4	43.3	47.4	49.5	52.7	53.0	53.5	53.7	54.0	54.0	54.0	54.0	54.1	54.2	54.2	54.2
≥ 7000	36.5	43.7	47.8	49.9	53.1	53.3	54.0	54.2	54.4	54.4	54.4	54.4	54.6	54.7	54.7	54.7
≥ 6000	36.5	43.8	47.9	50.0	53.2	53.5	54.1	54.3	54.6	54.6	54.6	54.6	54.7	54.8	54.8	54.8
≥ 5000	37.3	44.8	48.9	51.0	54.6	54.8	55.6	55.8	56.0	56.0	56.0	56.0	56.2	56.3	56.3	56.3
≥ 4500	39.9	47.7	51.7	53.8	57.5	57.8	58.8	59.0	59.3	59.3	59.3	59.3	59.4	59.5	59.5	59.5
≥ 4000	41.9	50.4	54.7	56.9	61.1	61.4	62.3	62.7	63.0	63.0	63.0	63.0	63.1	63.2	63.2	63.2
≥ 3500	44.3	53.5	57.9	60.4	64.6	64.8	65.8	66.3	66.5	66.5	66.5	66.5	66.7	66.8	66.8	66.8
≥ 3000	47.4	57.0	61.6	64.1	68.5	68.8	69.8	70.2	70.5	70.5	70.5	70.5	70.6	70.7	70.7	70.7
≥ 2500	49.6	59.4	64.2	66.8	71.6	71.9	72.8	73.3	73.6	73.6	73.6	73.6	73.7	73.8	73.8	73.8
≥ 2000	52.5	62.6	67.4	70.5	75.7	75.9	76.9	77.4	77.7	77.7	77.7	77.7	77.8	77.9	77.9	77.9
≥ 1800	52.8	63.6	68.5	71.6	77.0	77.3	78.3	78.8	79.0	79.0	79.0	79.0	79.1	79.3	79.3	79.3
≥ 1500	56.2	67.3	72.3	75.7	81.6	82.0	83.0	83.5	83.7	83.7	83.7	83.7	83.8	84.0	84.0	84.0
≥ 1200	57.8	69.3	74.7	78.1	84.9	85.4	86.7	87.2	87.4	87.4	87.4	87.4	87.5	87.7	87.7	87.7
≥ 1000	58.5	71.1	76.7	80.2	88.3	88.8	90.1	90.6	91.0	91.0	91.0	91.0	91.1	91.2	91.2	91.2
≥ 900	58.6	71.4	76.9	80.5	88.5	89.0	90.4	90.9	91.2	91.2	91.2	91.2	91.4	91.5	91.5	91.5
≥ 800	59.4	72.1	77.7	81.6	89.9	90.5	92.3	93.2	93.6	93.7	93.7	93.7	93.8	94.0	94.0	94.0
≥ 700	59.5	72.5	78.0	82.0	90.5	91.4	93.2	94.4	95.1	95.2	95.2	95.2	95.3	95.4	95.4	95.4
≥ 600	59.6	72.7	78.3	82.2	91.0	91.9	93.8	95.4	96.0	96.3	96.4	96.4	96.5	96.7	96.7	96.7
≥ 500	59.9	73.0	78.5	82.5	91.2	92.1	94.3	96.4	97.2	97.4	97.5	97.5	97.7	97.8	97.8	97.8
≥ 400	59.9	73.0	78.5	82.5	91.5	92.3	94.7	97.2	98.1	98.4	98.5	98.6	98.8	98.9	98.9	98.9
≥ 300	59.9	73.0	78.5	82.5	91.5	92.3	94.7	97.3	98.3	98.8	98.9	99.0	99.3	99.4	99.4	99.4
≥ 200	59.9	73.0	78.5	82.5	91.5	92.3	94.7	97.3	98.3	98.9	99.0	99.1	99.4	99.6	99.6	99.6
≥ 100	59.9	73.0	78.5	82.5	91.5	92.3	94.7	97.3	98.3	98.9	99.0	99.1	99.4	99.6	99.8	99.9
≥ 0	59.9	73.0	78.5	82.5	91.5	92.3	94.7	97.3	98.3	98.9	99.0	99.1	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

1 4100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
JUN — 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.4	33.0	33.2	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000	34.4	38.5	38.8	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 18000	34.6	38.6	38.9	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	34.6	38.6	38.9	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000	34.6	38.8	39.0	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 12000	35.1	39.3	39.5	40.2	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	38.1	42.6	42.8	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 9000	39.3	43.7	44.1	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	41.0	45.7	46.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 7000	41.4	46.4	46.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 6000	41.4	46.4	46.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 5000	43.7	49.0	49.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	47.9	53.6	54.1	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4000	52.8	58.6	59.3	60.4	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 3500	59.1	65.6	66.2	67.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3000	66.7	74.3	74.9	76.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	73.2	81.1	81.9	83.3	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	76.8	84.8	85.7	87.3	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	78.6	86.7	87.5	89.3	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	80.6	88.9	90.1	92.3	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	81.1	89.5	90.7	93.0	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	81.1	89.9	91.2	93.7	96.2	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	81.1	90.1	91.5	94.0	96.4	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	81.1	90.2	91.6	94.2	97.0	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	81.6	90.9	92.2	94.8	97.8	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	81.6	90.9	92.2	94.8	98.0	98.1	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	81.6	90.9	92.2	94.8	98.5	98.6	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	81.6	90.9	92.2	94.8	98.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.6	90.9	92.2	94.8	98.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.6	90.9	92.2	94.8	98.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.6	90.9	92.2	94.8	98.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.6	90.9	92.2	94.8	98.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 81 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1130	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.9	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 20000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000	35.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 12000	35.8	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 10000	38.4	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000	40.0	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 8000	42.1	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 7000	42.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 6000	43.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 5000	48.6	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 4500	52.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4000	60.2	65.2	65.3	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3500	67.8	73.5	73.6	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	75.7	82.6	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	80.1	87.3	88.3	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	82.3	90.2	91.7	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	82.5	90.5	92.0	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	84.2	92.6	94.1	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	84.3	93.1	94.7	95.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	84.6	93.6	95.2	96.4	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	84.7	93.7	95.3	96.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	85.1	94.2	95.8	97.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	85.1	94.3	95.9	97.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	85.4	94.8	96.5	97.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	85.4	94.8	96.5	97.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	85.4	94.8	96.5	97.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.4	94.8	96.5	97.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.4	94.8	96.5	97.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.4	94.8	96.5	97.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.4	94.8	96.5	97.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.8	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	42.3	44.9	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	42.5	45.1	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 16000	42.5	45.1	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	42.7	45.3	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	43.0	45.6	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	44.7	47.4	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	46.5	49.5	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	51.5	54.6	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 7000	51.7	55.3	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 6000	52.7	56.4	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 5000	58.4	63.5	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4500	63.3	69.5	69.9	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4000	69.5	76.7	77.0	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	73.7	81.4	81.7	82.3	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	76.4	84.9	85.7	86.4	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	78.6	88.0	88.8	89.6	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	80.7	90.7	91.5	92.3	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	80.7	90.9	91.6	92.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	82.2	93.0	94.1	94.9	96.4	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	82.3	93.2	94.8	96.0	97.5	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	83.1	94.1	95.7	96.9	98.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	83.1	94.2	95.8	97.0	98.8	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	83.1	94.2	95.8	97.2	99.0	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.1	94.3	95.9	97.3	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	38.3	41.6	42.3	42.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	46.5	50.9	51.6	51.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	46.5	50.9	51.6	51.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	46.5	50.9	51.6	51.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	47.3	51.6	52.3	52.3	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	47.8	52.1	52.8	52.8	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	49.5	54.1	54.8	54.8	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	52.0	56.5	57.3	57.3	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	57.5	62.7	63.6	63.6	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	57.9	63.2	64.1	64.1	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	58.3	63.7	64.7	64.7	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	62.7	69.3	70.4	70.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	67.2	74.4	76.3	76.0	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	71.2	78.6	80.7	80.7	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	73.1	81.0	83.6	83.7	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	74.4	83.1	85.8	85.9	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	75.8	84.9	87.7	88.0	91.0	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	76.5	86.4	89.1	89.9	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	76.7	86.5	89.3	90.0	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	76.9	86.9	89.6	90.4	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	77.5	87.9	90.6	91.4	95.4	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	78.0	88.5	91.5	92.2	96.9	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	78.1	88.5	91.5	92.2	96.9	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	78.3	88.8	91.7	92.5	97.3	97.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	78.3	88.9	92.0	92.7	97.5	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	78.3	88.9	92.0	92.7	97.5	98.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	78.3	89.1	92.2	93.0	97.8	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.3	89.1	92.2	93.0	97.8	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.3	89.1	92.2	93.0	97.8	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.3	89.1	92.2	93.0	97.8	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.3	89.1	92.2	93.0	97.8	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.3	89.1	92.2	93.0	97.8	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

130 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.3	36.2	37.3	37.8	39.1	39.3	39.6	39.7	39.8	39.8	39.8	39.9	39.9	39.9	40.0	40.0
≥ 20000	37.3	41.9	43.2	43.8	45.4	45.6	45.9	46.1	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.5
≥ 18000	37.4	42.0	43.3	43.9	45.5	45.6	46.0	46.1	46.2	46.3	46.3	46.3	46.3	46.4	46.5	46.6
≥ 16000	37.4	42.0	43.3	43.9	45.5	45.6	46.0	46.1	46.2	46.3	46.3	46.3	46.3	46.4	46.5	46.6
≥ 14000	37.7	42.3	43.6	44.2	45.7	45.9	46.2	46.4	46.5	46.5	46.5	46.6	46.6	46.7	46.7	46.8
≥ 12000	38.2	42.8	44.2	44.8	46.4	46.5	46.9	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.4	47.5
≥ 10000	40.0	45.0	46.5	47.1	48.8	48.9	49.3	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.8	49.9
≥ 9000	41.7	46.8	48.3	49.0	50.7	50.9	51.3	51.5	51.6	51.6	51.6	51.7	51.7	51.8	51.8	51.9
≥ 8000	45.0	50.5	52.1	53.0	54.9	55.1	55.6	55.8	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.4
≥ 7000	45.3	51.0	52.6	53.5	55.5	55.7	56.1	56.4	56.6	56.6	56.7	56.7	56.7	56.8	56.9	57.0
≥ 6000	45.6	51.4	53.1	53.9	56.0	56.2	56.7	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.5
≥ 5000	49.0	55.2	57.0	58.0	60.2	60.4	60.8	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.6	61.7
≥ 4500	52.9	59.8	61.7	62.7	65.1	65.3	65.9	66.2	66.4	66.5	66.5	66.6	66.6	66.7	66.7	66.8
≥ 4000	57.1	64.4	66.5	67.7	70.4	70.6	71.3	71.7	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.4
≥ 3500	60.5	68.5	70.7	72.0	74.9	75.1	75.8	76.3	76.5	76.6	76.7	76.7	76.7	76.8	76.9	77.0
≥ 3000	64.3	72.8	75.2	76.6	79.6	79.9	80.7	81.1	81.4	81.5	81.5	81.6	81.6	81.7	81.7	81.8
≥ 2500	66.5	75.6	78.1	79.6	82.7	83.1	84.0	84.4	84.7	84.8	84.8	84.9	84.9	85.0	85.0	85.1
≥ 2000	68.5	78.1	80.7	82.3	85.8	86.1	87.0	87.5	87.8	87.9	87.9	88.0	88.0	88.1	88.1	88.2
≥ 1800	68.9	78.6	81.3	82.9	86.5	86.9	87.8	88.3	88.5	88.7	88.7	88.8	88.8	88.8	88.9	89.0
≥ 1500	70.5	80.5	83.4	85.3	89.3	89.8	90.9	91.4	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.1
≥ 1200	71.3	81.7	84.6	86.6	90.9	91.5	92.7	93.2	93.5	93.7	93.7	93.7	93.8	93.8	93.9	94.0
≥ 1000	71.9	82.5	85.6	87.7	92.4	93.1	94.4	95.0	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.8
≥ 900	71.9	82.7	85.8	87.9	92.6	93.3	94.6	95.2	95.6	95.7	95.7	95.8	95.8	95.9	95.9	96.0
≥ 800	72.2	83.0	86.1	88.3	93.2	93.9	95.2	96.0	96.4	96.5	96.6	96.6	96.6	96.7	96.8	96.9
≥ 700	72.3	83.3	86.5	88.7	93.7	94.4	95.8	96.7	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.7
≥ 600	72.4	83.5	86.7	88.9	94.1	94.8	96.2	97.1	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.3
≥ 500	72.5	83.6	86.9	89.1	94.5	95.3	96.8	97.9	98.4	98.8	98.8	98.9	98.9	99.0	99.0	99.2
≥ 400	72.5	83.6	86.9	89.1	94.6	95.3	96.9	98.1	98.8	99.1	99.2	99.2	99.3	99.3	99.4	99.5
≥ 300	72.5	83.6	86.9	89.1	94.6	95.4	96.9	98.2	98.8	99.3	99.3	99.4	99.4	99.5	99.6	99.7
≥ 200	72.5	83.6	86.9	89.1	94.6	95.4	96.9	98.2	98.9	99.3	99.4	99.5	99.5	99.6	99.7	99.8
≥ 100	72.5	83.6	86.9	89.1	94.6	95.4	96.9	98.2	98.9	99.3	99.4	99.5	99.5	99.6	99.7	99.9
≥ 0	72.5	83.6	86.9	89.1	94.6	95.4	96.9	98.2	98.9	99.3	99.4	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

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

3100	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	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	44.1	49.3	50.4	50.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
≥ 20000	48.2	54.0	55.0	55.5	56.5	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 18000	48.2	54.0	55.0	55.5	56.5	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 16000	48.2	54.0	55.0	55.5	56.5	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 14000	48.3	54.1	55.2	55.6	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 12000	48.8	54.6	55.6	56.1	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
≥ 10000	51.8	57.6	58.9	59.4	60.3	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 9000	52.3	58.0	59.4	59.8	60.8	61.0	61.4	61.6	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9
≥ 8000	56.5	62.8	64.1	64.6	65.6	66.1	66.5	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 7000	57.6	63.9	65.2	65.7	66.7	67.1	67.6	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 6000	58.3	64.7	66.2	66.7	67.7	68.2	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 5000	62.5	69.3	70.7	71.2	72.4	72.9	73.4	73.6	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9
≥ 4500	66.7	73.9	75.3	75.9	77.2	77.7	78.2	78.4	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7
≥ 4000	69.8	77.1	78.7	79.3	81.1	81.5	82.0	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 3500	72.1	79.7	81.3	81.9	83.8	84.3	84.8	85.0	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3
≥ 3000	74.3	82.4	83.9	84.5	86.5	86.9	87.4	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 2500	75.1	83.1	84.7	85.3	87.2	87.6	88.1	88.4	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 2000	76.4	85.0	86.9	87.5	89.7	90.2	90.6	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 1800	76.5	85.1	87.1	87.6	89.8	90.3	90.8	91.1	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1500	77.7	86.6	88.6	89.2	91.6	92.1	92.7	93.0	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 1200	78.7	87.8	89.8	90.4	93.0	93.5	94.1	94.5	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1000	79.1	88.4	90.4	91.2	94.0	94.5	95.2	95.6	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 900	79.1	88.4	90.4	91.2	94.0	94.5	95.2	95.6	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 800	79.5	88.8	90.9	91.8	95.0	95.4	96.2	96.5	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 700	80.1	89.6	91.7	92.7	95.9	96.4	97.1	97.6	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 600	80.3	89.8	92.0	93.0	96.4	96.9	97.6	98.1	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500	80.5	89.9	92.1	93.3	96.9	97.4	98.1	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 400	80.5	89.9	92.1	93.4	97.2	97.7	98.6	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	80.5	89.9	92.1	93.4	97.2	97.7	98.6	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	80.5	89.9	92.1	93.4	97.2	97.7	98.6	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	80.5	89.9	92.1	93.4	97.2	97.7	98.6	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	80.5	89.9	92.1	93.4	97.2	97.7	98.6	99.0	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7100	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	35.7	40.4	42.7	44.8	44.6	45.4	46.5	46.7	47.2	47.2	47.3	47.3	47.6	47.6	47.8	47.8
≥ 20000	38.6	43.4	45.6	45.8	47.8	48.7	49.8	50.1	50.7	50.7	50.8	50.8	51.0	51.1	51.4	51.4
≥ 18000	38.6	43.4	45.6	45.8	47.8	48.7	49.8	50.1	50.7	50.7	50.8	50.8	51.0	51.1	51.4	51.4
≥ 16000	38.6	43.4	45.6	45.8	47.8	48.7	49.8	50.1	50.7	50.7	50.8	50.8	51.0	51.1	51.4	51.4
≥ 14000	38.6	43.4	45.6	45.8	47.8	48.7	49.8	50.1	50.7	50.7	50.8	50.8	51.0	51.3	51.5	51.5
≥ 12000	38.8	43.6	45.9	46.0	48.0	49.0	50.1	50.3	50.9	50.9	51.0	51.0	51.3	51.5	51.7	51.7
≥ 10000	41.3	46.2	48.6	48.7	50.8	51.9	53.0	53.3	53.9	53.9	54.0	54.0	54.2	54.5	54.7	54.7
≥ 9000	42.5	47.4	49.8	50.1	52.1	53.2	54.4	54.6	55.3	55.3	55.4	55.4	55.7	55.9	56.2	56.2
≥ 8000	46.6	51.7	54.7	55.0	57.0	58.2	59.6	59.9	60.6	60.8	60.9	60.9	61.2	61.4	61.6	61.6
≥ 7000	47.4	52.6	55.6	55.9	58.1	59.3	60.7	60.9	61.6	61.9	62.0	62.0	62.2	62.5	62.7	62.7
≥ 6000	48.6	53.8	56.9	57.2	59.4	60.6	62.0	62.2	63.0	63.2	63.3	63.3	63.6	63.8	64.0	64.0
≥ 5000	52.2	57.6	60.8	61.2	63.4	64.6	66.1	66.3	67.0	67.3	67.4	67.4	67.6	67.9	68.1	68.1
≥ 4500	56.4	62.0	65.7	66.2	68.6	69.8	71.3	71.7	72.4	72.6	72.8	72.8	73.0	73.2	73.5	73.5
≥ 4000	59.6	65.8	70.0	70.6	73.5	74.7	76.2	76.6	77.3	77.5	77.7	77.7	77.9	78.1	78.4	78.4
≥ 3500	60.8	67.0	71.3	72.0	75.1	76.3	77.9	78.3	79.0	79.2	79.3	79.3	79.6	79.8	80.0	80.0
≥ 3000	63.8	70.1	74.7	75.5	78.9	80.0	81.6	82.0	82.7	82.9	83.0	83.0	83.3	83.5	83.8	83.8
≥ 2500	65.0	71.4	76.0	76.8	80.2	81.4	82.9	83.3	84.1	84.3	84.5	84.5	84.7	84.9	85.2	85.2
≥ 2000	66.3	73.2	77.9	78.7	82.2	83.4	85.1	85.7	86.5	87.1	87.2	87.2	87.5	87.7	87.9	87.9
≥ 1800	66.9	74.0	78.6	79.5	82.9	84.1	85.8	86.4	87.2	87.8	87.9	87.9	88.2	88.4	88.6	88.6
≥ 1500	68.2	75.7	80.8	81.6	85.2	86.4	88.1	88.6	89.5	90.1	90.2	90.2	90.4	90.7	90.9	90.9
≥ 1200	69.7	77.3	82.4	83.3	86.9	88.1	90.0	90.6	91.4	92.0	92.1	92.1	92.4	92.6	92.8	92.8
≥ 1000	70.4	78.1	83.4	84.3	87.9	89.1	91.4	92.1	93.0	93.5	93.7	93.7	93.9	94.1	94.4	94.4
≥ 900	70.5	78.3	83.5	84.5	88.1	89.2	91.5	92.2	93.1	93.7	93.8	93.8	94.0	94.3	94.5	94.5
≥ 800	71.0	78.7	84.0	85.1	88.9	90.1	92.4	93.1	93.9	94.5	94.7	94.7	95.0	95.2	95.5	95.5
≥ 700	72.3	80.0	85.3	86.4	90.2	91.4	93.7	94.5	95.3	95.9	96.2	96.2	96.4	96.7	96.9	96.9
≥ 600	72.4	80.2	85.5	86.7	90.7	91.9	94.1	95.2	96.1	96.7	96.9	96.9	97.1	97.4	97.6	97.6
≥ 500	72.5	80.3	85.7	87.1	91.4	92.7	95.0	96.2	97.0	97.6	98.0	98.0	98.2	98.4	98.7	98.7
≥ 400	72.6	80.4	85.9	87.3	91.8	93.1	95.3	96.5	97.4	98.0	98.3	98.3	98.6	98.8	99.0	99.0
≥ 300	72.6	80.4	85.9	87.3	91.9	93.2	95.6	96.9	97.8	98.4	98.8	98.8	99.0	99.3	99.5	99.5
≥ 200	72.6	80.4	85.9	87.3	91.9	93.2	95.6	97.0	98.0	98.6	98.9	98.9	99.2	99.5	99.8	99.8
≥ 100	72.6	80.4	85.9	87.3	91.9	93.2	95.6	97.0	98.0	98.6	98.9	98.9	99.3	99.6	99.9	99.9
≥ 0	72.6	80.4	85.9	87.3	91.9	93.2	95.6	97.0	98.0	98.7	99.0	99.0	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

100	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
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	17.4	24.7	28.4	28.8	32.3	32.6	34.9	35.6	36.0	36.6	36.7	36.8	37.2	37.4	37.8	37.9
≥ 20000	18.6	26.6	30.6	31.1	34.6	35.1	37.5	38.2	38.6	39.2	39.3	39.4	39.8	40.0	40.4	40.7
≥ 18000	18.6	26.6	30.6	31.1	34.6	35.1	37.5	38.2	38.6	39.2	39.3	39.4	39.8	40.0	40.4	40.7
≥ 16000	18.6	26.6	30.6	31.1	34.6	35.1	37.5	38.2	38.6	39.2	39.3	39.4	39.8	40.0	40.4	40.7
≥ 14000	18.8	26.8	30.7	31.2	34.8	35.2	37.6	38.4	38.7	39.3	39.4	39.5	39.9	40.1	40.5	40.9
≥ 12000	19.5	27.5	31.5	32.0	35.7	36.7	39.1	39.8	40.1	40.9	41.0	41.1	41.5	41.7	42.1	42.4
≥ 10000	20.8	29.4	34.2	34.8	38.7	39.7	42.2	42.9	43.2	44.1	44.2	44.3	44.7	44.9	45.3	45.8
≥ 9000	21.7	30.8	35.7	36.4	40.4	41.3	43.8	44.6	44.9	45.8	45.9	46.0	46.4	46.6	47.0	47.4
≥ 8000	23.3	33.3	38.7	39.8	44.3	45.4	48.6	49.3	49.7	50.7	50.8	51.0	51.4	51.6	52.0	52.6
≥ 7000	24.1	34.2	39.5	40.6	45.5	46.6	49.8	50.5	50.9	51.9	52.0	52.2	52.6	52.8	53.2	53.8
≥ 6000	24.4	34.9	40.3	41.3	46.4	47.4	50.7	51.4	51.7	52.7	52.8	53.0	53.4	53.6	54.0	54.6
≥ 5000	25.9	36.4	42.4	43.5	48.6	49.8	53.0	53.9	54.2	55.2	55.3	55.6	55.9	56.2	56.5	57.1
≥ 4500	29.3	40.4	46.8	48.1	53.8	55.1	58.7	59.5	59.9	60.8	60.9	61.2	61.5	61.8	62.1	62.7
≥ 4000	31.1	42.4	49.1	50.5	56.6	57.9	62.0	63.2	63.6	64.6	64.8	65.0	65.5	65.7	66.2	66.8
≥ 3500	32.5	44.1	51.1	52.8	59.4	60.7	65.0	66.7	67.0	68.1	68.2	68.5	68.9	69.2	69.7	70.3
≥ 3000	34.6	46.6	54.7	55.8	62.8	64.3	68.8	70.5	71.0	72.0	72.2	72.4	72.9	73.1	73.6	74.2
≥ 2500	35.7	47.9	55.3	57.6	64.8	66.2	70.7	72.4	72.9	74.0	74.1	74.3	74.8	75.0	75.5	76.1
≥ 2000	36.1	48.7	56.6	58.9	66.7	68.1	72.8	74.4	74.9	76.2	76.3	76.6	77.1	77.3	77.8	78.4
≥ 1800	36.9	49.6	57.5	59.7	67.5	68.9	73.6	75.3	75.7	77.1	77.2	77.4	77.9	78.1	78.6	79.2
≥ 1500	39.1	52.4	60.9	63.3	71.4	72.9	77.5	79.3	79.8	81.1	81.2	81.5	82.0	82.2	82.7	83.4
≥ 1200	41.2	55.3	64.0	66.7	75.0	76.5	81.7	83.5	84.1	85.7	85.8	86.0	86.5	86.7	87.2	87.9
≥ 1000	43.0	57.3	66.4	69.2	77.8	79.2	84.9	86.7	87.3	88.9	89.0	89.2	89.7	90.0	90.4	91.2
≥ 900	43.5	57.8	66.9	69.8	78.4	79.8	85.5	87.3	87.9	89.5	89.6	89.8	90.3	90.6	91.0	91.8
≥ 800	44.3	59.0	68.5	71.3	80.2	81.6	87.6	89.5	90.1	91.6	91.8	92.0	92.5	92.7	93.2	93.9
≥ 700	44.6	59.6	69.1	72.0	81.0	82.4	88.8	90.9	91.6	93.2	93.3	93.5	94.0	94.3	94.7	95.5
≥ 600	44.8	59.9	69.3	72.3	81.2	82.7	89.1	91.3	92.0	93.7	93.8	94.1	94.6	94.9	95.3	96.1
≥ 500	44.9	60.0	69.4	72.5	81.8	83.3	90.2	92.5	93.4	95.2	95.3	95.7	96.2	96.4	96.9	97.6
≥ 400	44.9	60.0	69.4	72.6	82.3	83.8	90.9	93.2	94.1	95.9	96.1	96.4	97.1	97.4	97.8	98.6
≥ 300	44.9	60.0	69.4	72.6	82.3	83.8	90.9	93.3	94.3	96.2	96.3	96.7	97.6	98.0	98.4	99.2
≥ 200	44.9	60.0	69.4	72.6	82.3	83.8	90.9	93.3	94.3	96.3	96.4	96.8	97.7	98.3	98.9	99.9
≥ 100	44.9	60.0	69.4	72.6	82.3	83.8	90.9	93.3	94.3	96.3	96.4	96.9	97.8	98.4	99.0	100.0
≥ 0	44.9	60.0	69.4	72.6	82.3	83.8	90.9	93.3	94.3	96.3	96.4	96.9	97.8	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]1.0	BITBURG AB DL	73-81	JUL

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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.4	27.3	28.9	30.3	33.7	34.2	34.4	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5
≥ 20000	23.4	29.6	31.9	33.6	37.0	37.5	37.8	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.9
≥ 18000	23.4	29.9	32.1	33.8	37.3	37.8	38.0	38.6	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.2
≥ 16000	23.4	29.9	32.1	33.8	37.3	37.8	38.0	38.6	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.2
≥ 14000	23.7	30.1	32.4	34.1	37.5	38.0	38.2	38.8	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.4
≥ 12000	24.1	30.8	33.3	35.0	38.5	38.9	39.2	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 10000	25.0	31.9	34.4	36.1	39.5	40.0	40.4	41.0	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.6
≥ 9000	25.9	33.2	36.1	37.9	41.5	41.9	42.3	42.9	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.5
≥ 8000	29.0	37.4	40.5	42.8	46.6	47.1	47.7	48.3	48.7	48.9	48.9	48.9	48.9	48.9	48.9	49.0
≥ 7000	29.9	38.5	41.7	44.0	47.9	48.4	49.1	49.7	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 6000	30.5	39.2	42.4	44.7	48.7	49.2	50.1	50.7	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.4
≥ 5000	31.4	40.1	43.6	46.0	50.2	50.7	51.6	52.2	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 4500	34.5	43.7	47.3	49.8	54.0	54.5	55.4	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.8
≥ 4000	37.4	46.6	50.3	52.9	57.3	57.8	59.1	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 3500	40.0	49.2	53.2	56.0	60.6	61.1	62.4	63.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 3000	42.3	51.7	55.7	58.5	63.1	63.7	65.2	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 2500	44.9	54.7	58.8	61.6	66.2	66.8	68.3	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 2000	49.1	59.5	63.8	66.9	71.7	72.3	74.0	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1800	49.7	60.1	64.4	67.5	72.3	72.9	74.6	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 1500	54.5	65.5	69.9	73.0	78.1	78.7	80.4	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.6
≥ 1200	57.3	68.7	73.2	76.5	82.0	82.6	84.2	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1000	59.1	71.2	76.6	80.0	85.8	86.4	88.1	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 900	59.6	71.7	77.1	80.5	86.9	87.5	89.1	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 800	60.7	72.9	78.4	82.9	89.6	90.2	91.9	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ 700	61.3	73.6	79.3	84.0	90.9	91.5	93.3	95.5	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 600	61.5	73.8	79.6	84.2	91.5	92.1	93.9	96.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 500	61.8	74.1	79.8	84.6	92.2	92.8	94.6	97.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 400	61.8	74.1	79.8	84.6	92.4	93.0	94.7	97.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 300	61.8	74.1	79.8	84.6	92.4	93.0	94.9	97.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 200	61.8	74.1	79.8	84.6	92.4	93.0	94.9	97.8	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	61.8	74.1	79.8	84.6	92.4	93.0	94.9	97.8	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	61.8	74.1	79.8	84.6	92.4	93.0	94.9	97.8	99.4	99.8	99.8	99.8	99.8	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

4100	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.4	27.3	27.9	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 20000	27.9	32.3	33.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 18000	27.9	32.4	33.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 16000	28.0	32.7	33.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 14000	28.2	32.9	33.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 12000	28.9	33.6	34.6	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
≥ 10000	29.8	34.8	35.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 9000	30.1	35.3	36.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 8000	33.6	39.1	40.3	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 7000	34.8	40.4	41.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 6000	35.2	40.8	42.0	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 5000	39.3	44.9	46.2	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4500	42.6	48.6	49.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 4000	47.1	53.6	55.0	56.3	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500	56.8	63.5	65.0	66.3	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	63.6	71.8	73.2	74.6	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500	68.2	76.9	78.3	79.8	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	73.2	82.4	83.9	85.4	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	73.7	83.0	84.4	86.0	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	77.6	87.8	89.4	91.0	92.2	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	78.8	89.4	91.1	92.8	94.1	94.1	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	79.9	90.4	92.2	93.9	95.3	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	80.4	90.9	92.8	94.5	96.1	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	81.8	92.6	94.6	96.4	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	81.8	92.7	94.7	96.5	98.1	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	81.8	92.7	94.7	96.7	98.2	98.2	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	81.8	92.7	94.7	96.7	98.4	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	81.8	92.7	94.7	96.7	98.4	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	81.8	92.7	94.7	96.7	98.4	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.8	92.7	94.7	96.7	98.4	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.8	92.7	94.7	96.7	98.4	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.8	92.7	94.7	96.7	98.4	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]170 | BITBURG AB DL | 73-81 | JUL
STATION | STATION NAME | YEARS | 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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.6	30.1	30.2	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 20000	30.8	35.4	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	30.8	35.7	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 16000	30.8	35.7	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 14000	30.9	35.8	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 12000	31.9	37.0	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 10000	33.3	38.6	38.8	39.2	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	34.5	39.8	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 8000	38.5	44.4	44.7	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000	39.5	45.8	46.0	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 6000	39.7	46.0	46.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 5000	44.8	51.5	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4500	52.8	59.7	60.0	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4000	62.4	70.8	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3500	70.1	79.1	79.6	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	74.2	83.4	83.9	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	77.4	87.0	87.6	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	79.8	90.0	90.6	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	80.5	90.7	91.3	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	82.9	93.3	94.3	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	83.6	94.1	95.2	96.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	84.3	95.1	96.2	97.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	84.5	95.3	96.4	97.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	84.5	95.7	96.8	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	84.6	95.8	96.9	98.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	84.6	95.8	96.9	98.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	84.6	95.8	96.9	98.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	84.6	95.8	96.9	98.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.6	95.8	96.9	98.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	84.6	95.8	96.9	98.2	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.6	95.8	96.9	98.2	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.6	95.8	96.9	98.2	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 84 0-14-8 (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
[illegible]10	BITBURG AB GL	73-81	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.8	34.5	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	36.3	40.0	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 18000	36.3	40.0	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
≥ 16000	36.3	40.0	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
≥ 14000	36.3	40.0	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
≥ 12000	37.6	41.6	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 10000	40.7	44.7	45.3	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	42.3	46.4	47.0	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	47.7	52.2	52.9	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 7000	48.4	53.0	53.8	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 6000	49.3	54.2	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 5000	57.1	62.6	63.4	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500	63.2	69.4	70.3	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	70.7	77.9	78.7	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	75.9	83.9	84.9	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	78.4	86.7	88.2	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	80.4	88.9	90.3	91.0	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	82.2	91.0	92.7	93.5	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	82.3	91.2	92.8	93.9	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	83.6	92.7	94.4	95.6	96.3	96.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	84.3	93.5	95.3	96.7	97.6	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	84.8	94.0	95.8	97.1	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	84.9	94.1	96.1	97.4	98.4	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	85.1	94.3	96.3	97.6	98.7	98.7	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	85.3	94.6	96.7	98.0	99.0	99.0	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.3	94.6	96.7	98.0	99.0	99.0	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted]	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	39.6	40.7	40.7	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	40.8	46.0	47.1	47.1	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	40.8	46.0	47.1	47.1	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	40.8	46.0	47.1	47.1	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	40.8	46.0	47.1	47.1	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 12000	41.7	46.9	48.0	48.0	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	46.0	51.5	52.6	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	47.7	53.3	54.4	54.4	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	51.3	57.7	58.9	58.9	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	53.1	59.9	61.1	61.1	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	54.9	61.9	63.2	63.2	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	60.1	67.5	69.0	69.0	69.8	69.8	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	64.4	72.7	74.4	74.6	75.4	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	69.0	77.7	79.9	80.2	81.3	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	71.7	81.2	83.5	83.8	85.0	85.0	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	74.6	84.6	86.9	87.3	88.6	88.6	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	75.2	85.9	88.5	88.9	90.2	90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	76.8	88.4	91.7	92.2	93.5	93.5	94.0	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	76.8	88.4	91.7	92.2	93.5	93.5	94.0	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	77.1	89.0	92.7	93.3	94.6	94.7	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	77.7	89.9	93.9	94.6	96.0	96.2	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	78.1	90.3	94.4	95.1	97.0	97.1	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	78.1	90.3	94.5	95.2	97.2	97.4	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	78.1	90.4	94.6	95.4	97.5	97.7	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	78.6	91.0	95.2	96.0	98.1	98.3	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	78.6	91.0	95.2	96.0	98.1	98.3	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	78.6	91.0	95.3	96.2	98.2	98.4	99.2	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	78.6	91.0	95.3	96.2	98.4	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.6	91.0	95.3	96.2	98.4	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.6	91.0	95.3	96.2	98.4	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.6	91.0	95.3	96.2	98.4	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.6	91.0	95.3	96.2	98.4	98.7	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 835

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4100	BITBURG AB DL	73-81	JUL
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.5	34.1	35.5	36.0	37.2	37.5	38.0	38.1	38.3	38.4	38.4	38.4	38.5	38.5	38.6	38.6
≥ 20000	33.1	38.4	39.9	40.5	41.9	42.1	42.6	42.8	43.0	43.1	43.1	43.1	43.2	43.3	43.3	43.4
≥ 18000	33.1	38.5	40.0	40.6	42.0	42.2	42.7	42.9	43.1	43.2	43.2	43.2	43.3	43.4	43.4	43.5
≥ 16000	33.1	38.5	40.1	40.6	42.0	42.3	42.8	43.0	43.1	43.2	43.2	43.3	43.3	43.4	43.5	43.5
≥ 14000	33.2	38.6	40.2	40.7	42.1	42.4	42.9	43.1	43.2	43.3	43.3	43.4	43.5	43.5	43.6	43.6
≥ 12000	33.9	39.4	41.0	41.6	43.0	43.3	43.8	44.0	44.2	44.3	44.3	44.3	44.4	44.5	44.5	44.6
≥ 10000	36.1	41.8	43.6	44.1	45.5	45.9	46.5	46.7	46.8	47.0	47.0	47.0	47.1	47.2	47.2	47.3
≥ 9000	37.1	43.0	44.8	45.5	46.9	47.3	47.8	48.1	48.3	48.4	48.4	48.4	48.5	48.6	48.7	48.7
≥ 8000	40.8	47.3	49.4	50.1	51.7	52.1	52.8	53.1	53.3	53.4	53.5	53.5	53.6	53.6	53.7	53.8
≥ 7000	41.8	48.5	50.6	51.3	53.0	53.4	54.1	54.4	54.6	54.8	54.8	54.8	54.9	55.0	55.0	55.1
≥ 6000	42.6	49.4	51.5	52.3	54.0	54.4	55.2	55.4	55.6	55.8	55.8	55.8	55.9	56.0	56.1	56.1
≥ 5000	46.6	53.7	56.0	56.8	58.6	59.0	59.8	60.1	60.3	60.4	60.5	60.5	60.6	60.7	60.7	60.8
≥ 4500	51.2	58.8	61.2	62.1	64.0	64.5	65.3	65.6	65.8	66.0	66.0	66.0	66.1	66.2	66.3	66.4
≥ 4000	55.9	64.0	66.6	67.6	69.8	70.2	71.2	71.6	71.8	72.0	72.0	72.0	72.1	72.2	72.3	72.4
≥ 3500	60.0	68.5	71.2	72.3	74.7	75.1	76.1	76.6	76.8	77.0	77.0	77.0	77.1	77.2	77.3	77.4
≥ 3000	63.2	72.2	75.1	76.2	78.6	79.1	80.2	80.7	80.9	81.1	81.1	81.2	81.3	81.3	81.4	81.5
≥ 2500	65.2	74.5	77.4	78.7	81.1	81.6	82.7	83.2	83.4	83.6	83.7	83.7	83.8	83.9	84.0	84.1
≥ 2000	67.5	77.3	80.5	81.8	84.5	84.9	86.1	86.7	86.9	87.2	87.2	87.3	87.4	87.4	87.5	87.6
≥ 1800	67.9	77.7	81.0	82.3	85.0	85.5	86.7	87.2	87.5	87.8	87.8	87.8	87.9	88.0	88.1	88.2
≥ 1500	70.1	80.4	83.9	85.3	88.2	88.7	89.9	90.5	90.8	91.1	91.1	91.2	91.3	91.3	91.4	91.5
≥ 1200	71.4	82.0	85.6	87.2	90.3	90.8	92.1	92.7	93.0	93.3	93.4	93.4	93.5	93.6	93.6	93.8
≥ 1000	72.3	83.1	86.9	88.6	91.8	92.3	93.8	94.5	94.8	95.1	95.1	95.2	95.3	95.3	95.4	95.5
≥ 900	72.6	83.3	87.2	88.8	92.2	92.7	94.2	94.9	95.2	95.6	95.6	95.6	95.7	95.8	95.9	96.0
≥ 800	73.1	84.1	88.0	89.8	93.4	93.9	95.4	96.1	96.4	96.8	96.8	96.9	97.0	97.0	97.1	97.2
≥ 700	73.6	84.6	88.6	90.5	94.1	94.6	96.2	97.0	97.3	97.7	97.7	97.7	97.8	97.9	98.0	98.1
≥ 600	73.7	84.7	88.7	90.6	94.3	94.8	96.4	97.3	97.7	98.1	98.2	98.2	98.3	98.4	98.5	98.6
≥ 500	73.7	84.8	88.8	90.8	94.7	95.2	96.9	97.8	98.3	98.7	98.8	98.8	98.9	99.0	99.1	99.2
≥ 400	73.8	84.8	88.8	90.9	94.9	95.4	97.1	98.1	98.7	99.1	99.2	99.2	99.3	99.4	99.5	99.6
≥ 300	73.8	84.8	88.8	90.9	94.9	95.4	97.2	98.2	98.8	99.2	99.3	99.3	99.5	99.6	99.7	99.8
≥ 200	73.8	84.8	88.8	90.9	94.9	95.4	97.2	98.2	98.8	99.3	99.4	99.4	99.6	99.7	99.8	99.9
≥ 100	73.8	84.8	88.8	90.9	94.9	95.4	97.2	98.2	98.8	99.3	99.4	99.4	99.6	99.7	99.8	100.0
≥ 0	73.8	84.8	88.8	90.9	94.9	95.4	97.2	98.2	98.8	99.3	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6690

USAF ETAC FORM JUL 86 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
[illegible]10	EITBURG AB OL	73-81	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.4	55.7	57.4	57.6	59.0	59.1	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
≥ 20000	55.7	59.9	61.5	62.0	63.9	64.0	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.5
≥ 18000	55.7	59.9	61.5	62.0	63.9	64.0	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.5
≥ 6000	55.9	60.0	61.6	62.2	64.0	64.2	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6
≥ 14000	55.9	60.0	61.6	62.2	64.0	64.2	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6
≥ 2000	56.1	60.3	61.9	62.4	64.3	64.4	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.9	65.9	65.9
≥ 10000	57.8	63.1	64.7	65.5	67.8	67.9	69.0	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5
≥ 9000	59.5	65.2	66.8	67.9	70.3	70.5	71.5	71.8	71.8	71.9	71.9	71.9	71.9	72.1	72.1	72.1
≥ 8000	62.6	68.6	70.3	71.4	74.2	74.3	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9
≥ 7000	63.4	69.4	71.1	72.2	75.0	75.1	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 6000	63.4	69.4	71.1	72.2	75.0	75.1	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 5000	67.1	73.5	75.3	76.3	79.1	79.3	80.3	80.7	80.7	80.9	80.9	80.9	80.9	81.0	81.0	81.0
≥ 4500	71.1	77.7	79.4	80.6	83.4	83.7	84.8	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4
≥ 4000	73.1	80.3	82.1	83.3	86.2	86.5	87.7	88.1	88.1	88.2	88.2	88.2	88.2	88.4	88.4	88.4
≥ 3500	73.7	81.3	83.0	84.2	87.2	87.6	88.8	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 3000	74.7	82.5	84.5	85.8	88.8	89.2	90.4	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 2500	74.9	82.6	84.6	86.4	89.6	90.0	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 2000	75.7	83.4	85.4	87.2	90.9	91.3	92.6	93.0	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1800	75.9	83.7	85.7	87.4	91.2	91.6	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6
≥ 1500	76.7	84.5	86.8	88.5	92.5	92.9	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 1200	77.1	85.0	87.3	89.0	93.2	93.6	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 1000	77.5	85.4	87.7	89.4	93.7	94.1	95.6	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 900	77.5	85.4	87.7	89.4	93.9	94.3	95.7	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 800	77.7	85.7	88.0	90.0	94.4	94.8	96.3	97.1	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 700	77.7	85.7	88.2	90.2	94.7	95.1	96.5	97.5	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 600	77.7	85.7	88.2	90.2	94.8	95.2	96.7	97.7	98.0	98.1	98.1	98.1	98.1	98.3	98.3	98.3
≥ 500	77.7	85.7	88.2	90.4	95.1	95.5	96.9	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 400	77.7	85.7	88.2	90.4	95.1	95.5	96.9	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	77.7	85.7	88.2	90.4	95.1	95.5	96.9	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 200	77.7	85.7	88.2	90.4	95.1	95.5	96.9	98.8	99.1	99.2	99.2	99.2	99.3	99.5	99.5	99.5
≥ 100	77.7	85.7	88.2	90.4	95.1	95.5	96.9	98.8	99.1	99.2	99.2	99.2	99.3	99.7	99.7	99.9
≥ 0	77.7	85.7	88.2	90.4	95.1	95.5	96.9	98.8	99.1	99.2	99.2	99.2	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 748

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6190 (STATION) BITBURG AB GL (STATION NAME) 73-81 (YEARS) AUG (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.7	48.0	50.5	51.1	54.7	55.2	56.8	57.7	57.8	57.9	57.9	57.9	57.9	57.9	58.1	58.1
≥ 20000	47.0	50.8	53.7	54.3	58.4	58.9	60.6	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 18000	47.7	50.8	53.7	54.3	58.4	58.9	60.6	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 16000	47.0	50.8	53.7	54.3	58.4	58.9	60.6	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 14000	47.0	50.8	53.7	54.3	58.4	58.9	60.6	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 12000	47.0	50.8	53.7	54.3	58.4	58.9	60.6	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 10000	48.0	52.3	55.4	56.2	60.6	61.1	62.8	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1
≥ 9000	50.4	54.8	57.9	58.7	63.4	63.9	65.6	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.9	66.9
≥ 8000	54.3	58.8	62.2	63.0	68.6	69.1	70.9	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2
≥ 7000	54.5	59.1	62.5	63.2	68.9	69.4	71.2	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 6000	54.7	59.2	62.6	63.4	69.1	69.6	71.4	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.7	72.7
≥ 5000	56.7	61.7	65.2	66.0	72.0	72.5	74.3	75.3	75.4	75.6	75.6	75.6	75.7	75.7	75.8	75.8
≥ 4500	59.6	65.1	68.9	69.6	75.7	76.2	78.3	79.3	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8
≥ 4000	61.8	67.5	71.5	72.4	79.0	79.5	81.7	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.2
≥ 3500	62.6	68.3	72.5	73.4	80.1	80.6	82.9	83.9	84.0	84.1	84.1	84.1	84.3	84.3	84.4	84.4
≥ 3000	63.5	69.6	74.3	75.2	82.0	82.5	84.8	85.8	85.9	86.1	86.1	86.1	86.3	86.3	86.4	86.4
≥ 2500	63.9	70.0	74.7	75.6	82.4	82.9	85.3	86.3	86.4	86.6	86.6	86.6	86.8	86.8	86.9	86.9
≥ 2000	64.2	70.4	75.1	76.1	83.1	83.8	86.4	87.4	87.5	87.8	87.8	87.8	87.9	87.9	88.0	88.0
≥ 1800	64.4	70.5	75.2	76.2	83.2	83.9	86.5	87.5	87.7	87.9	87.9	87.9	88.0	88.0	88.2	88.2
≥ 1500	65.4	71.9	76.6	77.7	84.9	85.6	88.4	89.5	89.7	89.9	89.9	89.9	90.1	90.1	90.2	90.2
≥ 1200	65.9	72.5	77.3	78.8	86.1	86.9	89.7	90.8	90.9	91.2	91.2	91.2	91.3	91.3	91.4	91.4
≥ 1000	65.9	72.5	77.7	79.2	86.6	87.4	90.4	91.6	91.9	92.2	92.2	92.2	92.3	92.3	92.4	92.4
≥ 900	66.1	72.9	78.2	79.7	87.3	88.0	91.1	92.4	92.6	92.8	92.8	92.8	92.9	92.9	93.1	93.1
≥ 800	66.2	73.0	78.3	80.0	87.7	88.4	91.4	92.9	93.1	93.3	93.3	93.3	93.5	93.5	93.6	93.6
≥ 700	66.2	73.0	78.3	80.1	87.9	88.7	91.8	93.3	93.5	93.7	93.7	93.7	93.8	93.8	94.0	94.0
≥ 600	66.2	73.0	78.3	80.1	88.2	88.9	92.4	94.1	94.2	94.5	94.5	94.5	94.6	94.6	94.7	94.7
≥ 500	66.2	73.2	78.5	80.2	88.4	89.2	93.1	95.0	95.3	95.6	95.6	95.6	95.7	95.7	95.8	95.8
≥ 400	66.2	73.2	78.5	80.2	88.5	89.4	93.6	95.6	96.6	96.9	96.9	96.9	97.0	97.0	97.1	97.1
≥ 300	66.2	73.2	78.5	80.2	88.5	89.4	93.6	95.6	96.6	97.1	97.1	97.1	97.2	97.2	97.4	97.4
≥ 200	66.2	73.2	78.5	80.2	88.5	89.4	93.6	96.1	97.1	97.7	97.7	97.9	98.0	98.0	98.2	99.0
≥ 100	66.2	73.2	78.5	80.2	88.5	89.4	93.6	96.1	97.4	98.0	98.0	98.1	98.2	98.4	98.7	99.9
≥ 0	66.2	73.2	78.5	80.2	88.5	89.4	93.6	96.1	97.4	98.0	98.0	98.1	98.2	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 794

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (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	26.4	31.2	34.2	35.1	39.3	39.7	42.2	43.7	44.7	45.8	46.1	46.1	46.1	46.1	46.4	46.6
≥ 20000	27.8	32.1	36.1	37.0	41.8	42.3	44.9	46.5	47.4	48.6	49.0	49.0	49.1	49.2	49.5	49.7
≥ 18000	27.8	32.1	36.1	37.0	41.8	42.3	44.9	46.5	47.4	48.6	49.0	49.0	49.1	49.2	49.5	49.7
≥ 16000	27.8	32.1	36.1	37.0	41.8	42.3	44.9	46.5	47.4	48.6	49.0	49.0	49.1	49.2	49.5	49.7
≥ 14000	27.8	32.1	36.1	37.0	41.9	42.4	45.0	46.6	47.6	48.7	49.1	49.1	49.2	49.3	49.6	49.8
≥ 12000	28.3	32.6	36.6	37.9	42.9	43.4	46.1	47.7	48.6	49.9	50.3	50.3	50.4	50.5	50.8	51.0
≥ 10000	29.2	34.3	38.7	40.3	45.5	46.0	48.7	50.3	51.3	52.8	53.2	53.2	53.3	53.4	53.6	53.9
≥ 9000	30.2	35.8	40.3	41.9	47.4	48.0	51.0	52.6	53.5	55.1	55.4	55.4	55.7	55.8	56.0	56.3
≥ 8000	33.0	39.1	43.7	45.4	52.1	52.9	56.2	57.7	58.7	60.6	60.9	60.9	61.3	61.4	61.6	61.9
≥ 7000	33.3	39.7	44.3	46.1	52.9	53.9	57.1	58.9	59.9	61.8	62.1	62.1	62.5	62.6	62.8	63.1
≥ 6000	33.8	40.3	44.9	46.7	53.5	54.5	57.7	59.6	60.6	62.5	62.8	62.8	63.2	63.3	63.6	63.8
≥ 5000	34.9	41.7	46.5	48.3	55.6	56.5	60.1	62.0	63.0	65.0	65.4	65.4	65.7	65.8	66.1	66.3
≥ 4500	36.7	43.8	48.6	50.7	58.2	59.4	63.6	65.7	66.7	68.7	69.1	69.2	69.5	69.7	69.9	70.1
≥ 4000	39.4	46.8	51.7	53.8	61.9	63.3	67.9	70.1	71.1	73.2	73.6	73.7	74.1	74.2	74.4	74.7
≥ 3500	40.4	47.9	52.9	55.0	63.1	64.5	69.2	71.4	72.4	74.6	74.9	75.0	75.4	75.5	75.7	76.0
≥ 3000	41.3	49.3	54.6	56.6	65.4	66.9	71.6	73.8	74.8	76.9	77.3	77.4	77.8	77.9	78.1	78.5
≥ 2500	42.2	50.2	55.7	57.9	66.9	68.5	73.4	75.9	76.9	79.1	79.5	79.6	79.9	80.0	80.3	80.6
≥ 2000	42.9	51.0	56.5	58.8	68.0	69.7	74.7	77.2	78.4	80.6	81.0	81.1	81.5	81.6	81.8	82.2
≥ 1800	42.9	51.1	56.6	58.9	68.1	69.8	74.9	77.4	78.6	81.0	81.4	81.5	81.8	82.0	82.2	82.6
≥ 1500	44.6	53.3	59.1	61.5	70.8	72.5	78.1	80.9	82.1	84.6	85.1	85.2	85.5	85.7	85.9	86.3
≥ 1200	45.2	54.2	60.1	62.6	72.0	73.7	79.5	82.7	83.9	86.4	86.9	87.0	87.3	87.5	87.7	88.1
≥ 1000	45.6	54.8	60.9	63.6	73.5	75.1	80.9	84.5	85.7	88.3	88.9	89.0	89.4	89.5	89.7	90.1
≥ 900	45.9	55.3	61.4	64.0	74.0	75.6	81.4	85.1	86.3	88.9	89.5	89.6	90.0	90.1	90.3	90.7
≥ 800	46.1	55.4	61.5	64.3	74.4	76.2	82.2	85.9	87.2	89.8	90.4	90.6	90.9	91.0	91.4	91.8
≥ 700	46.1	55.4	61.5	64.3	74.8	76.7	82.7	86.5	87.9	90.8	91.4	91.5	91.9	92.0	92.4	92.7
≥ 600	46.0	55.4	61.5	64.3	74.9	76.9	83.2	87.2	88.6	91.5	92.1	92.2	92.6	92.7	93.1	93.4
≥ 500	46.0	55.4	61.6	64.4	75.0	77.3	84.2	88.4	89.8	93.3	93.9	94.0	94.4	94.5	94.9	95.2
≥ 400	46.0	55.4	61.6	64.4	75.0	77.3	84.3	88.8	90.4	93.9	94.5	94.6	95.0	95.1	95.5	95.8
≥ 300	46.0	55.4	61.8	64.5	75.4	77.7	84.8	89.4	91.2	94.6	95.5	95.7	96.1	96.4	96.9	97.4
≥ 200	46.0	55.4	61.8	64.5	75.4	77.7	84.9	89.7	91.5	95.0	95.8	96.2	96.8	97.4	98.0	98.6
≥ 100	46.0	55.4	61.8	64.5	75.4	77.7	84.9	89.7	91.6	95.1	95.9	96.3	97.0	97.6	98.4	99.5
≥ 0	46.0	55.4	61.8	64.5	75.4	77.7	84.9	89.7	91.6	95.1	95.9	96.3	97.0	97.7	98.7	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

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

HOURS (L.S.T.): 900-1100

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	24.3	28.7	31.4	34.2	39.4	39.8	40.9	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	26.3	31.5	34.5	37.4	43.2	43.6	44.7	45.4	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	26.3	31.5	34.5	37.4	43.2	43.6	44.7	45.4	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000	26.4	31.7	34.6	37.5	43.4	43.7	44.8	45.5	46.0	46.2	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	26.4	31.7	34.8	37.6	43.5	43.8	44.9	45.6	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	26.9	32.5	35.6	38.5	44.7	45.0	46.1	46.8	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	28.1	33.7	37.2	40.1	47.1	47.4	48.9	49.6	50.2	50.5	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	29.5	35.2	38.8	41.9	49.1	49.5	50.9	51.7	52.3	52.7	52.8	52.8	52.8	52.9	52.9	52.9
≥ 8000	30.7	36.8	40.6	44.3	51.7	52.1	53.8	54.6	55.2	55.6	55.7	55.7	55.7	55.8	55.8	55.9
≥ 7000	31.4	37.5	41.5	45.4	53.0	53.4	55.1	55.9	56.6	57.0	57.1	57.1	57.1	57.2	57.2	57.2
≥ 6000	31.9	38.0	41.9	45.9	53.5	54.0	55.7	56.5	57.2	57.6	57.7	57.7	57.7	57.8	57.8	57.8
≥ 5000	32.6	38.8	43.1	47.2	55.3	55.8	57.6	58.4	59.1	59.5	59.6	59.6	59.6	59.7	59.7	59.7
≥ 4500	34.9	41.6	45.9	49.9	58.3	58.9	61.3	62.2	63.0	63.4	63.6	63.6	63.6	63.7	63.7	63.7
≥ 4000	36.4	43.2	47.6	51.7	60.5	61.3	64.0	65.0	65.7	66.2	66.3	66.3	66.3	66.4	66.4	66.4
≥ 3500	38.4	45.4	49.9	54.1	63.3	64.2	67.0	68.0	68.7	69.2	69.3	69.3	69.3	69.4	69.4	69.4
≥ 3000	41.2	48.6	53.2	57.3	67.0	67.9	70.8	71.8	72.5	73.1	73.2	73.2	73.2	73.4	73.4	73.4
≥ 2500	42.4	49.9	54.6	59.0	68.9	69.8	72.8	73.8	74.6	75.1	75.3	75.3	75.3	75.4	75.4	75.4
≥ 2000	44.6	52.4	57.3	61.9	72.2	73.0	76.2	77.4	78.1	78.7	78.9	78.9	78.9	79.0	79.0	79.0
≥ 1800	44.9	53.3	58.2	62.7	73.4	74.2	77.5	78.7	79.5	80.0	80.2	80.2	80.2	80.3	80.3	80.3
≥ 1500	47.3	56.0	61.6	66.4	77.1	78.1	81.8	83.3	84.0	84.6	84.7	84.7	84.7	84.8	84.8	84.8
≥ 1200	48.5	57.3	63.2	68.5	80.0	81.1	84.9	86.6	87.5	88.1	88.2	88.2	88.2	88.3	88.3	88.3
≥ 1000	49.8	59.0	65.0	70.6	82.7	83.9	87.7	89.5	90.3	90.9	91.0	91.0	91.0	91.2	91.2	91.2
≥ 900	49.9	59.1	65.1	70.7	82.8	84.0	87.9	89.7	90.7	91.3	91.4	91.4	91.4	91.5	91.5	91.5
≥ 800	50.3	59.7	65.8	71.9	84.3	85.5	89.5	91.3	92.4	93.0	93.1	93.1	93.1	93.2	93.2	93.2
≥ 700	50.3	59.7	66.1	72.4	85.2	86.5	90.4	92.4	93.5	94.1	94.3	94.3	94.3	94.4	94.4	94.4
≥ 600	50.5	60.0	66.3	72.6	85.7	87.2	91.3	93.3	94.5	95.1	95.2	95.2	95.2	95.3	95.3	95.3
≥ 500	50.5	60.1	66.4	72.9	86.3	87.9	92.1	94.5	96.1	96.9	97.0	97.0	97.0	97.1	97.1	97.1
≥ 400	50.5	60.1	66.4	72.9	86.3	87.9	92.2	95.0	96.7	97.5	97.6	97.6	97.6	97.7	97.7	97.7
≥ 300	50.5	60.1	66.4	72.9	86.3	87.9	92.2	95.2	97.1	98.1	98.2	98.2	98.3	98.6	98.6	98.6
≥ 200	50.5	60.1	66.4	72.9	86.3	87.9	92.2	95.2	97.1	98.6	98.7	98.8	99.2	99.4	99.4	99.4
≥ 100	50.5	60.1	66.4	72.9	86.3	87.9	92.2	95.2	97.1	98.6	98.7	98.8	99.3	99.5	99.5	99.6
≥ 0	50.5	60.1	66.4	72.9	86.3	87.9	92.2	95.2	97.1	98.7	98.8	98.9	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72110 | BITBURG AB DL | 73-81 | AUG
STATION | STATION NAME | YEARS | 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.1	35.5	36.5	37.5	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	35.8	41.1	42.2	43.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 18000	35.9	41.2	42.3	43.4	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	35.9	41.2	42.3	43.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	35.9	41.3	42.4	43.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 12000	37.3	42.8	44.3	45.1	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	39.2	44.9	46.1	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	40.7	46.8	48.0	49.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000	42.3	48.8	50.0	51.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	43.3	49.9	51.1	52.5	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 6000	43.5	50.4	51.6	52.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 5000	46.6	53.8	55.0	56.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	50.1	57.7	58.9	60.4	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	53.7	61.9	63.4	65.0	67.8	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	58.9	67.3	68.9	70.6	73.4	73.4	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	64.8	73.5	75.6	77.5	80.8	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	67.4	76.3	78.4	80.3	83.6	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	70.2	79.7	82.1	84.1	87.7	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	71.1	80.8	83.2	85.3	89.0	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	73.0	83.5	86.2	88.5	92.5	92.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	74.3	84.9	87.6	90.1	94.1	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	74.6	85.8	88.6	91.1	95.1	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	75.7	86.2	89.0	91.4	95.8	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	75.7	86.9	89.7	92.4	96.9	96.9	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	76.3	87.5	90.4	93.4	97.9	97.9	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	76.3	87.5	90.6	93.6	98.2	98.2	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	76.3	87.5	90.6	93.6	98.4	98.4	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	76.3	87.5	90.6	93.6	98.5	98.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.3	87.5	90.6	93.6	98.5	98.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.3	87.5	90.6	93.6	98.5	98.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.3	87.5	90.6	93.6	98.5	98.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.3	87.5	90.6	93.6	98.5	98.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

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

STATION	STATION NAME	YEARS	MONTH
13C	BITBURG AB GL	73-81	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.8	35.1	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 20000	39.3	42.9	42.9	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000	39.3	42.9	42.9	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 14000	39.3	42.9	42.9	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 12000	40.3	43.9	44.0	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 10000	42.1	46.2	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
≥ 9000	43.4	47.8	48.1	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	48.3	53.2	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 7000	48.5	53.4	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	49.2	54.2	54.4	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 5000	53.8	59.0	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4500	61.3	67.3	67.7	68.0	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000	68.8	75.2	75.6	76.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	74.6	81.4	82.0	82.4	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	79.7	87.0	87.6	88.1	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	81.5	89.3	90.0	90.5	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	84.4	92.6	93.2	93.8	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	84.6	92.8	93.4	94.1	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	85.3	93.7	94.3	94.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	85.3	94.3	94.9	95.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	85.6	94.7	95.3	95.9	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	85.7	94.8	95.4	96.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	86.1	95.2	95.8	96.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	86.7	95.8	96.4	97.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	86.7	95.8	96.4	97.0	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	86.7	95.8	96.4	97.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.7	95.8	96.4	97.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.7	95.8	96.4	97.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.7	95.8	96.4	97.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.7	95.8	96.4	97.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.7	95.8	96.4	97.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1100	BITBURG AB DL	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
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	39.6	42.5	42.5	42.5	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	46.3	50.7	50.8	50.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	46.3	50.7	50.8	50.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	46.3	50.7	50.8	50.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	46.4	50.8	51.0	51.0	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	47.8	52.3	52.4	52.4	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	50.6	55.4	55.5	55.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	52.5	57.6	57.8	57.8	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	58.1	63.5	63.6	63.6	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	59.2	64.7	64.8	64.8	65.7	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000	59.8	65.3	65.6	65.6	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	65.2	71.3	71.6	71.6	72.8	72.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	71.1	77.8	78.2	78.2	79.7	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	76.8	84.2	84.6	84.6	86.0	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	79.1	86.7	87.2	87.4	88.9	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	81.6	89.8	90.5	90.6	92.4	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	82.8	91.1	91.9	92.2	94.1	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	84.6	93.1	93.9	94.4	96.9	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	84.7	93.2	94.0	94.5	97.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	85.3	93.7	94.7	95.2	97.8	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	85.4	94.1	95.2	95.7	98.4	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	85.4	94.1	95.2	95.7	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	85.4	94.1	95.2	95.7	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	85.4	94.1	95.2	95.7	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	85.5	94.3	95.3	95.8	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	85.7	94.4	95.4	96.0	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	85.7	94.4	95.4	96.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	85.7	94.4	95.4	96.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.7	94.4	95.4	96.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.7	94.4	95.4	96.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.7	94.4	95.4	96.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.7	94.4	95.4	96.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 767

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2100	BITBURG AB GL	73-81	AUG
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.8	52.0	52.5	52.7	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	56.1	59.8	60.3	60.6	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	56.1	59.8	60.3	60.6	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	56.1	59.8	60.3	60.6	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	56.1	59.8	60.3	60.6	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	57.1	60.7	61.2	61.5	63.8	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	59.8	64.3	65.2	65.6	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	61.0	65.6	67.0	67.4	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000	65.1	70.2	71.8	72.2	74.7	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	65.6	70.7	72.3	72.7	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	65.9	71.0	72.6	73.0	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	68.4	74.5	76.2	76.6	79.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	72.1	78.6	80.5	81.0	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	75.3	82.6	84.5	85.2	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	77.3	85.2	87.3	88.0	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	78.7	86.8	89.0	89.7	92.9	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	79.5	87.7	90.1	90.8	94.0	94.4	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	80.7	89.2	91.6	92.5	96.0	96.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	80.7	89.2	91.6	92.5	96.0	96.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	80.7	89.2	91.7	92.6	96.3	96.8	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	80.7	89.2	91.7	92.6	96.7	97.2	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	81.0	89.4	92.0	92.9	96.9	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	81.1	89.4	92.0	92.9	96.9	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	81.3	89.6	92.2	93.2	97.2	97.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	81.0	89.6	92.2	93.3	97.3	97.9	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	81.0	89.6	92.2	93.3	97.7	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 748

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 10	BITBURG AB GL	73-81	AUG
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	40.6	42.2	42.9	45.1	45.3	46.1	46.6	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.1
≥ 20000	41.3	45.7	47.3	48.2	50.9	51.1	52.0	52.4	52.6	52.8	52.9	52.9	52.9	52.9	53.0	53.0
≥ 18000	41.3	45.7	47.4	48.2	50.9	51.1	52.0	52.4	52.6	52.8	52.9	52.9	52.9	52.9	53.0	53.0
≥ 16000	41.4	45.7	47.4	48.2	50.9	51.1	52.0	52.4	52.6	52.9	52.9	52.9	52.9	53.0	53.0	53.1
≥ 14000	41.4	45.7	47.4	48.3	51.0	51.2	52.1	52.5	52.7	52.9	53.0	53.0	53.0	53.0	53.1	53..
≥ 12000	42.1	46.5	48.3	49.2	52.0	52.2	53.1	53.5	53.7	54.0	54.0	54.0	54.0	54.1	54.1	54.1
≥ 10000	43.9	48.8	50.7	51.7	54.8	55.0	56.0	56.4	56.6	56.9	57.0	57.0	57.0	57.0	57.1	57.1
≥ 9000	45.4	50.7	52.7	53.7	56.9	57.2	58.2	58.6	58.9	59.1	59.2	59.2	59.2	59.3	59.3	59.4
≥ 8000	48.8	54.4	56.5	57.7	61.3	61.5	62.6	63.1	63.3	63.6	63.7	63.7	63.8	63.8	63.8	63.9
≥ 7000	49.4	55.0	57.2	58.4	62.0	62.3	63.4	63.9	64.2	64.5	64.6	64.6	64.6	64.7	64.7	64.7
≥ 6000	49.8	55.5	57.6	58.9	62.5	62.8	63.9	64.4	64.7	65.0	65.1	65.1	65.1	65.2	65.2	65.2
≥ 5000	52.6	58.8	61.0	62.3	66.1	66.4	67.6	68.1	68.4	68.7	68.8	68.8	68.8	68.9	68.9	68.9
≥ 4500	56.5	63.1	65.5	66.8	70.9	71.3	72.7	73.3	73.6	73.9	74.0	74.0	74.1	74.1	74.2	74.2
≥ 4000	60.1	67.2	69.6	71.0	75.4	75.8	77.4	78.0	78.3	78.6	78.7	78.7	78.8	78.8	78.9	78.9
≥ 3500	62.6	69.9	72.5	73.9	78.4	78.8	80.5	81.1	81.4	81.7	81.8	81.8	81.9	81.9	82.0	82.0
≥ 3000	65.2	72.9	75.7	77.1	81.9	82.4	84.1	84.7	85.0	85.4	85.4	85.5	85.5	85.6	85.6	85.7
≥ 2500	66.3	74.1	77.0	78.6	83.5	84.0	85.8	86.4	86.7	87.1	87.2	87.2	87.3	87.3	87.3	87.4
≥ 2000	67.9	76.0	78.9	80.7	86.0	86.5	88.4	89.1	89.4	89.8	89.8	89.9	89.9	90.0	90.0	90.1
≥ 1800	68.2	76.3	79.3	81.0	86.4	86.9	88.9	89.5	89.8	90.3	90.3	90.3	90.4	90.4	90.5	90.5
≥ 1500	69.3	77.8	81.0	82.8	88.3	88.9	91.0	91.7	92.0	92.4	92.5	92.5	92.6	92.7	92.7	92.7
≥ 1200	69.8	78.5	81.8	83.8	89.5	90.1	92.2	93.1	93.4	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥ 1000	70.2	79.1	82.4	84.5	90.4	91.0	93.2	94.2	94.5	94.9	95.0	95.0	95.1	95.2	95.2	95.2
≥ 900	70.4	79.2	82.6	84.7	90.7	91.3	93.5	94.5	94.8	95.3	95.4	95.4	95.5	95.5	95.6	95.6
≥ 800	70.6	79.5	83.0	85.2	91.3	91.9	94.1	95.2	95.6	96.1	96.2	96.2	96.3	96.3	96.4	96.4
≥ 700	70.8	79.7	83.2	85.5	91.8	92.4	94.6	95.8	96.2	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 600	70.8	79.8	83.3	85.6	92.0	92.7	95.0	96.3	96.7	97.2	97.3	97.3	97.4	97.4	97.5	97.5
≥ 500	70.8	79.8	83.3	85.7	92.2	92.9	95.4	96.8	97.3	98.0	98.0	98.1	98.1	98.2	98.2	98.3
≥ 400	70.8	79.8	83.3	85.7	92.2	93.0	95.5	97.1	97.7	98.3	98.4	98.4	98.5	98.5	98.6	98.6
≥ 300	70.8	79.8	83.3	85.7	92.3	93.0	95.6	97.2	97.9	98.5	98.6	98.7	98.8	98.9	98.9	99.0
≥ 200	70.8	79.8	83.3	85.7	92.3	93.0	95.6	97.3	98.0	98.8	98.9	99.0	99.1	99.2	99.4	99.5
≥ 100	70.8	79.8	83.3	85.7	92.3	93.0	95.6	97.3	98.1	98.8	98.9	99.0	99.2	99.4	99.5	99.9
≥ 0	70.8	79.8	83.3	85.7	92.3	93.0	95.6	97.3	98.1	98.8	98.9	99.0	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1 30	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.5	46.2	48.9	49.6	52.8	53.6	55.7	56.7	57.0	57.3	57.4	57.4	57.4	57.4	57.9	58.0
≥ 20000	45.2	49.3	52.6	53.3	57.0	57.9	60.0	61.0	61.4	61.6	61.7	61.7	61.9	61.9	62.3	62.5
≥ 18000	45.2	49.3	52.6	53.3	57.0	57.9	60.0	61.0	61.4	61.6	61.7	61.7	61.9	61.9	62.3	62.5
≥ 16000	45.2	49.3	52.6	53.3	57.0	57.9	60.0	61.0	61.4	61.6	61.7	61.7	61.9	61.9	62.3	62.5
≥ 14000	45.3	49.4	52.7	53.5	57.2	58.0	60.1	61.1	61.5	61.7	61.9	61.9	62.0	62.0	62.5	62.6
≥ 12000	45.4	49.6	53.0	53.8	57.8	58.6	60.7	61.7	62.1	62.3	62.5	62.5	62.6	62.6	63.1	63.2
≥ 12000	46.8	51.1	54.7	55.6	59.8	60.7	63.1	64.1	64.4	64.7	64.8	64.8	64.9	64.9	65.4	65.6
≥ 9000	47.7	52.0	55.7	56.8	61.0	62.0	64.3	65.3	65.7	65.9	66.0	66.0	66.2	66.2	66.7	66.8
≥ 8000	50.1	55.1	58.9	60.2	64.7	65.7	68.0	69.0	69.6	69.9	70.0	70.0	70.1	70.1	70.6	70.7
≥ 7000	50.5	55.6	59.4	60.7	65.3	66.3	68.6	69.6	70.2	70.5	70.6	70.6	70.7	70.7	71.2	71.4
≥ 6000	50.5	55.6	59.5	60.9	65.4	66.4	68.8	69.8	70.4	70.6	70.7	70.7	70.9	70.9	71.4	71.5
≥ 5000	52.8	58.0	62.3	63.7	68.3	69.3	71.6	72.6	73.2	73.5	73.6	73.6	73.7	73.7	74.2	74.3
≥ 4500	56.2	62.2	66.5	67.9	72.6	73.6	76.3	77.3	77.9	78.1	78.3	78.3	78.4	78.5	79.1	79.3
≥ 4000	59.8	65.8	70.1	71.5	76.5	77.5	80.2	81.2	81.9	82.1	82.2	82.2	82.3	82.5	83.1	83.2
≥ 3500	61.2	67.4	71.7	73.1	78.1	79.1	81.9	82.8	83.6	83.8	84.0	84.0	84.1	84.2	84.8	84.9
≥ 3000	63.5	69.9	74.3	75.7	81.0	82.0	84.9	86.0	86.8	87.0	87.2	87.2	87.3	87.4	88.0	88.1
≥ 2500	64.7	71.2	75.7	77.2	82.5	83.5	86.4	87.5	88.3	88.5	88.6	88.6	88.8	88.9	89.5	89.6
≥ 2000	66.0	72.8	77.3	78.9	84.2	85.2	88.3	89.5	90.2	90.5	90.6	90.6	90.7	90.9	91.7	91.9
≥ 1800	66.2	73.0	77.4	79.0	84.3	85.3	88.4	89.6	90.4	90.6	90.7	90.7	90.9	91.0	91.9	92.0
≥ 1500	66.4	73.2	77.7	79.4	84.8	85.8	88.9	90.1	90.9	91.1	91.2	91.2	91.4	91.5	92.3	92.5
≥ 1200	67.3	74.2	78.6	80.4	86.3	87.3	90.5	91.7	92.5	92.7	92.8	92.8	93.0	93.1	94.0	94.1
≥ 1000	67.9	74.9	79.5	81.2	87.2	88.1	91.4	92.6	93.3	93.6	93.7	93.7	93.8	94.0	94.8	94.9
≥ 900	68.1	75.3	79.9	81.6	87.5	88.5	92.1	93.3	94.1	94.3	94.4	94.4	94.6	94.7	95.6	95.7
≥ 800	68.4	75.7	80.4	82.1	88.0	89.0	92.6	93.8	94.6	94.8	94.9	94.9	95.1	95.2	96.0	96.2
≥ 700	68.8	76.3	81.1	83.0	89.1	90.1	93.8	95.1	95.8	96.0	96.2	96.2	96.3	96.4	97.3	97.4
≥ 600	69.1	76.7	81.7	83.6	89.8	90.7	94.4	95.7	96.4	96.7	96.8	96.8	96.9	97.0	97.9	98.0
≥ 500	69.1	76.7	82.1	84.0	90.2	91.2	95.2	96.5	97.5	97.8	97.9	97.9	98.0	98.1	99.0	99.1
≥ 400	69.1	76.7	82.1	84.0	90.2	91.2	95.2	96.7	97.7	97.9	98.0	98.0	98.3	98.4	99.3	99.4
≥ 300	69.1	76.7	82.1	84.0	90.2	91.2	95.3	96.8	97.8	98.0	98.1	98.1	98.5	98.6	99.5	99.6
≥ 200	69.1	76.7	82.1	84.0	90.2	91.2	95.3	96.8	97.8	98.0	98.1	98.1	98.5	98.6	99.5	99.6
≥ 100	69.1	76.7	82.1	84.0	90.2	91.2	95.3	96.8	97.8	98.1	98.3	98.3	98.6	98.8	99.6	99.9
≥ 0	69.1	76.7	82.1	84.0	90.2	91.2	95.3	96.8	97.8	98.1	98.3	98.3	98.6	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 / 100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
SEP — 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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.4	33.6	36.5	37.3	40.7	41.6	44.2	46.3	46.8	48.5	49.1	49.1	49.3	49.6	50.5	51.7
≥ 20000	31.7	36.0	39.0	39.8	43.3	44.3	46.9	49.0	49.6	51.4	52.0	52.0	52.1	52.5	53.3	54.6
≥ 18000	31.5	36.0	39.0	39.8	43.3	44.3	46.9	49.0	49.6	51.4	52.0	52.0	52.1	52.5	53.3	54.6
≥ 16000	31.5	36.0	39.0	39.8	43.3	44.3	46.9	49.0	49.6	51.4	52.0	52.0	52.1	52.5	53.3	54.6
≥ 14000	31.6	36.2	39.1	39.9	43.5	44.4	47.0	49.1	49.8	51.5	52.1	52.1	52.2	52.6	53.5	54.7
≥ 12000	31.6	36.2	39.1	39.9	43.5	44.4	47.0	49.1	49.8	51.5	52.1	52.1	52.2	52.6	53.5	54.7
≥ 10000	32.5	37.0	40.2	41.0	44.8	45.9	48.8	51.0	51.7	53.5	54.1	54.1	54.2	54.6	55.4	56.7
≥ 9000	33.2	37.8	41.0	42.1	45.9	47.0	49.9	52.1	52.8	54.6	55.2	55.2	55.3	55.7	56.5	57.8
≥ 8000	34.6	39.3	42.8	44.0	48.1	49.3	52.3	54.7	55.7	57.4	58.0	58.0	58.1	58.5	59.5	60.7
≥ 7000	35.1	39.8	43.3	44.4	48.6	49.8	52.8	55.2	56.2	57.9	58.5	58.5	58.6	59.0	60.0	61.2
≥ 6000	35.2	39.9	43.5	44.6	48.8	49.9	53.0	55.3	56.3	58.0	58.6	58.6	58.8	59.1	60.1	61.4
≥ 5000	37.9	42.7	46.4	47.7	52.6	53.7	57.0	59.4	60.4	62.1	62.7	62.7	62.8	63.2	64.2	65.4
≥ 4500	40.0	45.1	48.8	50.1	55.4	56.7	60.0	62.3	63.3	65.1	65.7	65.7	65.8	66.2	67.2	68.4
≥ 4000	43.2	49.3	53.1	54.6	60.0	61.2	64.7	67.0	68.1	69.9	70.5	70.5	70.6	71.0	72.0	73.2
≥ 3500	44.6	51.1	54.9	56.4	62.5	63.8	67.4	70.0	71.4	73.1	73.7	73.7	73.8	74.2	75.2	76.4
≥ 3000	45.8	52.8	56.7	58.1	64.7	66.0	69.6	72.6	74.0	75.7	76.3	76.3	76.4	76.8	77.8	79.0
≥ 2500	46.9	54.2	58.0	59.5	66.2	67.5	71.1	74.1	75.4	77.2	77.8	77.8	77.9	78.3	79.3	80.5
≥ 2000	47.5	55.4	59.4	61.1	67.9	69.3	73.0	76.0	77.4	79.3	79.9	79.9	80.1	80.5	81.6	82.8
≥ 1800	48.4	56.5	60.5	62.2	69.4	70.7	74.4	77.5	78.9	80.9	81.5	81.5	81.7	82.1	83.2	84.4
≥ 1500	49.5	57.7	61.9	63.8	71.2	72.6	76.3	79.4	80.9	82.8	83.5	83.5	83.7	84.1	85.2	86.4
≥ 1200	51.2	59.8	64.0	66.0	73.7	75.1	78.8	82.0	83.5	85.4	86.0	86.0	86.3	86.7	87.8	89.0
≥ 1000	52.1	60.7	65.3	67.7	75.3	76.7	80.6	83.8	85.3	87.4	88.1	88.1	88.4	88.8	89.9	91.1
≥ 900	52.3	61.0	65.7	68.1	75.8	77.2	81.1	84.6	86.2	88.3	89.0	89.0	89.3	89.6	90.7	92.0
≥ 800	52.7	62.0	66.9	69.6	77.5	78.9	82.8	86.3	87.9	90.1	90.9	90.9	91.1	91.5	92.6	93.8
≥ 700	53.2	62.6	67.5	70.5	78.5	79.9	84.1	87.5	89.3	91.5	92.2	92.2	92.5	92.8	94.0	95.2
≥ 600	53.5	62.8	68.0	71.0	79.0	80.4	84.7	88.1	89.9	92.1	92.8	92.8	93.1	93.5	94.6	95.8
≥ 500	53.6	63.0	68.4	71.4	79.4	80.7	85.1	88.5	90.4	92.6	93.3	93.3	93.6	94.0	95.1	96.3
≥ 400	53.6	63.0	68.4	71.4	79.5	80.9	85.2	88.6	90.7	93.0	93.7	93.7	94.0	94.3	95.4	96.7
≥ 300	53.6	63.0	68.4	71.4	79.8	81.2	85.6	89.0	91.1	93.5	94.2	94.2	94.4	94.8	95.9	97.2
≥ 200	53.6	63.0	68.4	71.4	79.8	81.2	85.6	89.0	91.2	93.6	94.3	94.3	94.8	95.2	96.4	98.0
≥ 100	53.6	63.0	68.4	71.4	79.8	81.2	85.6	89.0	91.2	93.7	94.4	94.4	95.1	95.4	96.8	99.4
≥ 0	53.6	63.0	68.4	71.4	79.8	81.2	85.6	89.0	91.2	93.7	94.4	94.4	95.2	96.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3110	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
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	18.5	21.9	24.6	25.4	30.0	31.4	33.7	35.4	36.2	37.8	38.0	38.3	39.3	40.2	40.9	42.3
≥ 20000	19.6	23.6	26.4	27.4	32.3	33.7	36.5	38.4	39.3	40.9	41.1	41.4	42.5	43.6	44.2	45.7
≥ 18000	19.6	23.6	26.4	27.4	32.3	33.7	36.5	38.4	39.3	40.9	41.1	41.4	42.5	43.6	44.2	45.7
≥ 16000	19.6	23.6	26.4	27.4	32.3	33.7	36.5	38.4	39.3	40.9	41.1	41.4	42.5	43.6	44.2	45.7
≥ 14000	19.6	23.6	26.4	27.4	32.3	33.7	36.5	38.4	39.3	40.9	41.1	41.4	42.5	43.6	44.2	45.7
≥ 12000	19.6	23.6	26.4	27.4	32.3	33.7	36.5	38.4	39.3	40.9	41.1	41.4	42.5	43.6	44.2	45.8
≥ 10000	20.6	24.6	27.4	28.5	33.5	34.8	38.0	39.9	40.7	42.3	42.7	43.1	44.2	45.6	46.2	47.8
≥ 9000	21.0	25.1	28.0	29.3	34.3	35.8	39.1	41.0	41.9	43.5	43.8	44.2	45.4	46.8	47.4	49.0
≥ 8000	21.7	26.2	29.3	30.9	36.3	37.9	41.5	43.5	44.3	45.9	46.3	46.7	48.0	49.5	50.1	51.9
≥ 7000	22.1	26.7	29.8	31.4	37.0	38.6	42.2	44.2	45.1	46.7	47.0	47.4	48.9	50.4	51.0	52.7
≥ 6000	22.3	26.9	30.0	31.6	37.3	39.0	42.6	44.6	45.6	47.2	47.5	47.9	49.4	50.9	51.5	53.2
≥ 5000	23.0	27.7	31.0	32.8	39.4	41.2	45.2	47.2	48.1	49.8	50.1	50.6	52.1	53.7	54.3	56.0
≥ 4500	25.1	30.1	33.8	35.9	42.7	44.7	48.8	50.7	51.9	53.5	53.8	54.3	55.8	57.4	58.0	59.9
≥ 4000	27.5	33.0	37.2	39.6	47.0	49.0	53.2	55.2	56.4	58.1	58.5	59.0	60.5	62.1	62.7	64.7
≥ 3500	28.4	34.3	38.5	41.6	49.1	51.1	55.6	57.8	59.3	61.0	61.5	62.0	63.5	65.1	65.7	67.7
≥ 3000	30.2	36.2	40.5	43.8	51.4	53.3	57.8	60.0	61.7	63.6	64.2	64.7	66.2	67.9	68.5	70.5
≥ 2500	31.2	37.5	41.9	45.2	53.0	54.9	59.5	61.7	63.5	65.3	65.9	66.4	67.9	69.6	70.2	72.2
≥ 2000	32.3	38.8	43.1	46.4	54.3	56.4	61.1	63.8	65.9	67.8	68.4	68.9	70.4	72.1	72.7	74.7
≥ 1800	32.9	39.3	43.6	46.9	54.9	57.2	62.1	64.9	67.0	68.9	69.5	70.0	71.5	73.2	73.8	75.8
≥ 1500	35.9	42.6	47.2	50.7	59.5	61.9	67.0	69.9	72.1	74.1	74.7	75.2	76.7	78.4	79.0	81.0
≥ 1200	37.8	44.7	49.4	53.1	62.3	64.7	70.1	73.0	75.3	77.4	78.0	78.5	80.0	81.7	82.3	84.3
≥ 1000	38.8	45.9	50.6	54.3	63.7	66.0	71.5	74.3	76.7	78.8	79.4	79.9	81.4	83.1	83.7	85.7
≥ 900	39.4	46.5	51.4	55.1	64.6	66.9	72.3	75.3	77.7	79.9	80.5	81.0	82.5	84.2	84.8	86.8
≥ 800	39.8	47.4	52.2	56.2	66.0	68.4	74.0	77.0	79.5	81.7	82.3	82.8	84.3	86.0	86.7	88.6
≥ 700	40.1	47.8	52.8	56.9	67.2	69.8	75.3	78.4	81.0	83.2	83.8	84.3	85.8	87.5	88.1	90.1
≥ 600	40.4	48.0	53.1	57.2	67.7	70.2	75.8	78.9	81.5	83.7	84.3	84.8	86.3	88.0	88.6	90.6
≥ 500	40.5	48.1	53.2	57.4	68.0	70.7	76.4	79.6	82.5	84.8	85.4	85.9	87.5	89.3	90.0	92.1
≥ 400	40.5	48.1	53.2	57.4	68.1	70.9	76.7	79.9	82.8	85.2	85.8	86.3	87.9	89.6	90.4	92.5
≥ 300	40.5	48.1	53.2	57.4	68.4	71.1	76.9	80.1	83.3	85.7	86.3	86.8	88.4	90.1	90.9	93.1
≥ 200	40.5	48.1	53.2	57.4	68.4	71.1	77.0	80.2	83.5	85.9	86.5	87.2	89.0	90.9	92.0	95.2
≥ 100	40.5	48.1	53.2	57.4	68.4	71.1	77.0	80.4	83.6	86.2	86.8	87.5	89.4	91.4	93.2	98.6
≥ 0	40.5	48.1	53.2	57.4	68.4	71.1	77.0	80.4	83.6	86.2	86.8	87.5	89.6	91.9	93.7	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1100	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	16.1	19.5	20.2	21.6	27.0	28.1	29.5	30.2	31.0	31.8	32.0	32.1	32.2	32.6	33.6	35.3
≥ 20000	17.5	21.1	21.8	23.2	29.4	30.6	32.5	33.8	34.8	35.7	35.8	35.9	36.1	36.7	37.8	40.1
≥ 18000	17.6	21.2	21.9	23.3	29.6	30.9	32.7	34.1	35.1	35.9	36.1	36.2	36.3	36.9	38.0	40.4
≥ 16000	17.6	21.2	21.9	23.3	29.6	30.9	32.7	34.1	35.1	35.9	36.1	36.2	36.3	36.9	38.0	40.4
≥ 14000	17.6	21.2	21.9	23.3	29.7	31.0	32.8	34.2	35.2	36.1	36.2	36.3	36.4	37.1	38.2	40.5
≥ 12000	18.1	21.8	22.7	24.0	30.5	31.7	33.7	35.3	36.3	37.2	37.3	37.4	37.5	38.2	39.3	41.6
≥ 10000	19.5	23.3	24.5	26.0	32.7	34.0	36.1	37.8	38.8	39.7	39.8	40.0	40.1	40.9	42.0	44.4
≥ 9000	20.0	23.9	25.3	26.8	33.6	34.9	37.1	38.8	39.9	40.8	41.1	41.4	41.5	42.3	43.4	45.7
≥ 8000	21.9	26.0	27.5	29.2	36.8	38.2	40.3	42.3	43.4	44.5	45.0	45.2	45.4	46.1	47.3	49.7
≥ 7000	22.1	26.3	28.0	29.9	37.5	38.9	41.0	43.0	44.1	45.2	45.7	46.0	46.1	46.8	48.1	50.4
≥ 6000	22.4	26.6	28.4	30.2	38.2	39.5	41.8	43.7	44.9	46.0	46.5	46.7	46.8	47.6	48.8	51.2
≥ 5000	23.0	27.3	29.2	31.1	39.5	40.9	43.1	45.1	46.3	47.5	48.1	48.3	48.5	49.2	50.4	52.9
≥ 4500	23.8	28.6	30.7	33.1	42.5	43.9	46.5	48.7	49.9	51.3	51.9	52.2	52.3	53.0	54.3	56.9
≥ 4000	24.9	30.1	32.5	34.8	44.5	46.2	49.2	51.7	53.3	54.6	55.3	55.5	55.6	56.4	57.7	60.3
≥ 3500	25.9	31.5	34.0	36.9	46.6	48.3	51.4	54.2	55.8	57.1	57.7	58.0	58.1	58.9	60.2	62.8
≥ 3000	28.0	33.7	36.4	39.4	49.4	51.2	54.3	57.2	59.0	60.6	61.2	61.5	61.6	62.3	63.7	66.5
≥ 2500	29.1	34.8	37.5	40.5	50.7	52.4	55.5	58.5	60.2	61.8	62.5	62.8	62.9	63.7	65.1	67.9
≥ 2000	30.9	37.2	40.0	43.2	53.7	55.4	58.6	61.8	63.6	65.3	65.9	66.3	66.4	67.2	68.6	71.5
≥ 1800	31.2	37.8	40.6	43.9	54.4	56.1	59.4	62.6	64.6	66.3	66.9	67.3	67.4	68.2	69.6	72.5
≥ 1500	35.7	43.5	46.5	50.1	61.3	63.1	67.0	70.4	72.5	74.2	74.8	75.2	75.3	76.1	77.6	80.4
≥ 1200	36.9	45.2	48.3	51.9	63.7	65.4	70.1	73.5	75.7	77.4	78.1	78.4	78.6	79.3	80.8	83.6
≥ 1000	38.2	46.8	50.3	53.9	66.0	67.9	72.7	76.2	78.4	80.2	80.8	81.2	81.3	82.2	83.6	86.5
≥ 900	38.7	47.3	50.8	54.5	66.8	68.6	73.5	77.1	79.4	81.2	81.8	82.2	82.3	83.1	84.6	87.5
≥ 800	39.3	48.2	51.7	55.6	68.4	70.3	75.1	78.9	81.3	83.0	83.6	84.0	84.1	85.0	86.5	89.3
≥ 700	39.5	48.5	52.2	56.3	69.1	71.0	75.8	79.9	82.4	84.3	84.9	85.3	85.4	86.2	87.7	90.6
≥ 600	39.7	48.6	52.5	56.9	69.8	71.6	76.5	80.8	83.3	85.1	85.7	86.1	86.2	87.1	88.6	91.4
≥ 500	39.9	48.8	52.9	57.4	70.8	72.6	77.8	82.3	84.9	87.0	87.7	88.1	88.2	89.2	90.7	93.6
≥ 400	39.9	48.9	53.0	57.5	70.9	72.9	78.2	82.8	85.4	87.5	88.4	88.7	88.8	89.8	91.3	94.2
≥ 300	39.9	48.9	53.0	57.5	70.9	72.9	78.2	83.1	86.0	88.5	89.6	90.0	90.2	91.4	92.9	95.9
≥ 200	39.9	48.9	53.0	57.5	70.9	72.9	78.2	83.1	86.0	88.8	90.0	90.5	90.7	91.9	93.8	97.6
≥ 100	39.9	48.9	53.0	57.5	70.9	72.9	78.2	83.1	86.0	88.8	90.0	90.5	90.7	92.1	94.1	98.9
≥ 0	39.9	48.9	53.0	57.5	70.9	72.9	78.2	83.1	86.0	88.8	90.0	90.5	90.7	92.2	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 807

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4130	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.9	29.1	30.7	32.2	33.5	33.6	34.1	34.3	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	29.9	33.6	35.6	37.3	39.3	39.4	40.0	40.2	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	29.9	33.6	35.7	37.4	39.4	39.5	40.1	40.4	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 16000	29.9	33.6	35.7	37.4	39.4	39.5	40.1	40.4	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 14000	29.9	33.6	35.7	37.4	39.4	39.5	40.1	40.4	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 12000	30.2	34.3	36.4	38.1	40.1	40.4	41.0	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 10000	31.9	36.2	38.6	40.5	42.5	42.7	43.5	43.7	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 9000	32.6	37.0	39.5	41.4	43.6	43.8	44.6	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	34.4	39.6	42.2	44.1	46.4	46.9	47.7	47.9	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 7000	35.1	40.5	43.2	45.1	47.4	48.0	48.8	49.0	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 6000	35.1	40.5	43.3	45.2	47.7	48.3	49.0	49.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 5000	35.9	41.7	44.6	46.8	49.6	50.2	51.0	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4500	38.1	44.2	47.0	49.5	52.6	53.2	54.0	54.2	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4000	41.2	48.1	51.2	53.7	57.7	58.4	59.3	59.8	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 3500	43.6	50.9	54.0	56.5	60.9	61.7	62.6	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3000	50.6	58.6	62.0	64.6	69.5	70.4	71.4	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	54.0	62.3	65.8	68.5	73.6	74.7	75.7	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	56.9	65.3	68.8	71.5	76.9	78.0	79.1	80.1	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800	57.3	65.9	69.4	72.1	77.5	78.6	79.8	80.9	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	60.2	69.1	72.7	75.4	81.4	82.5	83.8	85.1	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	63.0	72.1	75.9	78.8	84.7	85.8	87.2	88.4	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	63.7	73.6	77.5	80.5	87.3	88.6	90.1	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	64.2	74.1	78.0	81.0	87.9	89.3	90.7	92.1	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	64.6	74.6	78.9	82.1	89.5	90.9	92.3	93.7	94.2	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 700	64.7	74.7	79.0	82.2	90.0	91.4	93.0	94.7	95.2	95.7	95.8	95.8	96.0	96.0	96.0	96.0
≥ 600	64.7	74.7	79.1	82.3	90.7	92.2	94.0	95.8	96.3	96.8	96.9	96.9	97.2	97.2	97.2	97.2
≥ 500	64.8	74.8	79.3	82.5	91.1	92.6	94.6	96.9	97.5	98.0	98.1	98.1	98.4	98.4	98.4	98.4
≥ 400	64.8	74.8	79.3	82.5	91.2	92.8	94.9	97.3	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3
≥ 300	64.8	74.8	79.3	82.5	91.2	92.8	95.1	97.7	98.6	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	64.8	74.8	79.3	82.5	91.2	92.8	95.1	97.7	98.6	99.4	99.5	99.5	99.9	99.9	100.0	100.0
≥ 100	64.8	74.8	79.3	82.5	91.2	92.8	95.1	97.7	98.6	99.4	99.5	99.5	99.9	99.9	100.0	100.0
≥ 0	64.8	74.8	79.3	82.5	91.2	92.8	95.1	97.7	98.6	99.4	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible]100	BITBURG AB GL	73-81	SEP
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.2	34.1	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	37.7	40.7	40.9	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000	37.7	40.7	40.9	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000	37.8	40.9	41.0	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 14000	37.8	40.9	41.0	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	38.6	42.1	42.2	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 10000	40.6	44.2	44.3	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 9000	41.6	45.2	45.3	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 8000	45.1	49.0	49.3	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	46.4	50.4	50.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 6000	47.4	51.4	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 5000	50.5	54.7	54.9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4500	54.8	59.8	60.2	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000	60.9	66.4	66.9	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	65.3	71.6	72.2	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	70.9	78.1	78.9	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	74.2	82.0	82.7	83.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	76.3	86.4	87.2	88.4	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	78.9	87.3	88.0	89.3	90.7	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	81.0	89.5	90.4	91.9	93.8	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	82.3	91.0	91.9	93.5	95.6	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	82.3	92.0	93.1	94.7	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	82.3	92.0	93.1	94.7	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	82.5	92.3	93.6	95.4	97.7	97.9	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	82.5	92.3	93.6	95.4	97.8	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	82.5	92.3	93.6	95.6	97.9	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	82.5	92.3	93.6	95.6	98.0	98.4	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	82.5	92.3	93.6	95.6	98.0	98.4	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	82.5	92.3	93.6	95.6	98.0	98.4	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.5	92.3	93.6	95.6	98.0	98.4	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.5	92.3	93.6	95.6	98.0	98.4	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.5	92.3	93.6	95.6	98.0	98.4	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | SEP 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.2	37.7	38.6	39.1	39.9	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	45.4	46.7	47.2	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	42.8	45.4	46.7	47.2	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	42.8	45.4	46.7	47.2	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	43.0	45.6	46.8	47.3	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	44.0	46.8	48.0	48.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	47.4	50.5	51.7	52.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	49.8	52.8	54.2	54.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	54.4	58.0	59.4	60.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	55.7	59.3	60.6	61.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	56.7	60.5	61.9	63.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	60.5	64.3	65.8	67.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	64.1	68.4	70.1	71.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4000	68.9	74.1	75.8	77.2	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	71.5	77.0	79.0	80.4	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	74.2	80.0	82.1	83.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	76.4	82.5	84.6	86.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	79.1	85.3	87.7	89.1	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	79.8	86.0	88.4	90.0	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	81.5	87.9	90.2	92.1	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	83.1	89.6	92.2	94.3	97.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	83.3	89.9	92.5	94.6	97.8	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	83.3	89.9	92.5	94.6	98.0	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	83.3	89.9	92.5	94.6	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	83.3	89.9	92.5	94.6	98.1	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	83.6	90.1	92.7	94.8	98.4	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	83.7	90.2	92.8	94.9	98.5	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	83.7	90.2	92.8	94.9	98.5	98.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	83.7	90.2	92.8	94.9	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.7	90.2	92.8	94.9	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.7	90.2	92.8	94.9	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	83.7	90.2	92.8	94.9	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]100	BITBURG AB DL	73-81	SEP
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.7	47.5	49.1	49.8	51.1	51.4	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	49.9	52.8	54.8	55.5	57.1	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	49.9	52.8	54.8	55.5	57.1	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	49.9	52.8	54.8	55.5	57.1	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	49.9	52.8	54.8	55.5	57.1	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	50.2	53.0	55.2	55.7	57.4	57.7	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	52.3	55.6	57.7	58.7	60.7	61.1	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	54.4	57.8	60.0	60.9	62.9	63.3	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	57.6	61.3	63.4	64.9	67.1	67.5	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	58.2	61.9	64.0	65.5	67.7	68.1	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	58.7	62.5	64.6	66.1	68.4	68.7	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	62.5	66.4	68.5	70.0	72.2	72.6	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	65.8	70.1	72.3	74.0	76.3	76.6	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	68.9	73.3	75.6	77.4	80.0	80.3	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	70.5	75.0	77.8	79.5	82.1	82.6	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	73.5	78.1	81.3	82.7	85.3	85.9	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	75.3	80.0	82.8	84.9	87.5	88.1	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	77.3	82.2	85.0	87.1	90.4	91.0	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	77.4	82.3	85.2	87.3	90.5	91.1	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	79.1	83.9	86.8	88.9	92.2	93.0	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	79.7	85.0	88.0	90.4	93.7	94.4	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	80.5	85.8	88.8	91.1	94.4	95.2	95.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	80.6	85.9	88.9	91.2	94.6	95.3	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	80.8	86.3	89.4	91.8	95.2	95.9	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	81.1	86.5	89.6	92.1	95.4	96.2	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	81.5	86.9	90.0	92.5	95.9	96.7	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	81.7	87.1	90.2	92.7	96.2	96.9	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	81.8	87.3	90.4	92.8	96.4	97.2	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	81.8	87.4	90.5	93.0	96.5	97.3	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	81.8	87.4	90.5	93.1	96.7	97.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 100	81.8	87.4	90.5	93.1	96.7	97.4	98.4	99.0	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	81.8	87.4	90.5	93.1	96.7	97.4	98.4	99.0	99.5	99.8	99.8	99.8	99.8	99.9	99.9	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] | BITBURG AB GE | 73-81 | SEP
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	33.7	35.4	36.2	38.7	39.3	40.4	41.2	41.5	42.1	42.2	42.3	42.4	42.6	43.0	43.6
≥ 20000	34.3	37.8	39.7	40.6	43.5	44.1	45.4	46.2	46.7	47.2	47.4	47.4	47.6	47.9	48.3	48.9
≥ 18000	34.3	37.8	39.7	40.6	43.5	44.2	45.5	46.3	46.7	47.3	47.4	47.5	47.7	47.9	48.3	48.9
≥ 6000	34.3	37.8	39.8	40.6	43.5	44.2	45.5	46.3	46.7	47.3	47.4	47.5	47.7	47.9	48.3	49.0
≥ 14000	34.3	37.9	39.8	40.7	43.6	44.2	45.6	46.4	46.8	47.4	47.5	47.5	47.7	48.0	48.4	49.0
≥ 12000	34.7	38.4	40.4	41.3	44.3	44.9	46.2	47.1	47.5	48.1	48.2	48.3	48.4	48.7	49.1	49.8
≥ 10000	36.4	40.3	42.4	43.4	46.5	47.2	48.7	49.6	50.0	50.6	50.7	50.8	51.0	51.3	51.7	52.3
≥ 9000	37.5	41.5	43.6	44.7	47.9	48.6	50.1	51.0	51.4	52.0	52.2	52.3	52.5	52.8	53.2	53.9
≥ 8000	40.0	44.3	46.6	47.9	51.4	52.2	53.7	54.6	55.2	55.8	56.0	56.0	56.3	56.6	57.0	57.7
≥ 7000	40.6	45.0	47.4	48.7	52.3	53.0	54.6	55.5	56.1	56.7	56.9	56.9	57.2	57.5	57.9	58.6
≥ 6000	41.7	45.5	47.9	49.2	52.8	53.6	55.1	56.1	56.6	57.2	57.4	57.5	57.7	58.1	58.5	59.2
≥ 5000	43.3	47.9	50.4	51.9	55.7	56.5	58.2	59.1	59.7	60.3	60.5	60.6	60.8	61.2	61.6	62.3
≥ 4500	46.0	51.1	53.7	55.4	59.5	60.4	62.1	63.1	63.7	64.3	64.5	64.6	64.8	65.2	65.6	66.4
≥ 4000	49.4	55.0	57.8	59.6	64.1	65.0	66.8	67.9	68.5	69.2	69.4	69.5	69.7	70.1	70.5	71.3
≥ 3500	51.4	57.4	60.3	62.2	66.8	67.8	69.7	70.8	71.6	72.2	72.5	72.6	72.8	73.1	73.6	74.3
≥ 3000	54.6	60.9	64.0	66.0	71.0	72.0	73.9	75.2	76.0	76.7	76.9	77.0	77.3	77.6	78.1	78.9
≥ 2500	56.5	63.1	66.1	68.2	73.4	74.4	76.3	77.6	78.4	79.1	79.4	79.5	79.7	80.1	80.5	81.3
≥ 2000	58.5	65.4	68.6	70.7	76.1	77.1	79.2	80.7	81.5	82.3	82.5	82.6	82.9	83.2	83.7	84.5
≥ 1800	59.7	66.0	69.1	71.3	76.8	77.8	80.0	81.4	82.3	83.1	83.3	83.4	83.7	84.0	84.5	85.3
≥ 1500	61.2	68.4	71.7	74.0	79.9	81.0	83.3	84.8	85.7	86.5	86.7	86.8	87.1	87.5	88.0	88.7
≥ 1200	62.6	70.2	73.5	76.1	82.2	83.3	85.7	87.2	88.2	89.0	89.3	89.4	89.6	90.0	90.5	91.3
≥ 1000	63.4	71.2	74.7	77.3	83.6	84.7	87.2	88.8	89.8	90.6	90.9	91.0	91.2	91.6	92.1	92.9
≥ 900	63.6	71.5	75.0	77.6	84.0	85.1	87.7	89.4	90.4	91.2	91.5	91.6	91.8	92.2	92.7	93.5
≥ 800	63.9	72.1	75.7	78.4	85.1	86.2	88.8	90.5	91.5	92.4	92.7	92.8	93.1	93.5	94.0	94.7
≥ 700	64.2	72.3	76.1	78.9	85.7	86.8	89.5	91.3	92.4	93.3	93.6	93.7	93.9	94.3	94.8	95.6
≥ 600	64.4	72.5	76.4	79.2	86.1	87.3	90.1	91.9	93.0	93.9	94.1	94.2	94.5	94.9	95.4	96.2
≥ 500	64.5	72.7	76.6	79.5	86.5	87.7	90.6	92.6	93.8	94.7	95.0	95.2	95.4	95.8	96.4	97.2
≥ 400	64.5	72.7	76.6	79.5	86.6	87.9	90.8	92.9	94.2	95.1	95.4	95.5	95.8	96.2	96.8	97.6
≥ 300	64.5	72.7	76.6	79.5	86.7	88.0	91.0	93.1	94.5	95.5	95.9	96.0	96.3	96.8	97.3	98.1
≥ 200	64.5	72.7	76.6	79.5	86.7	88.0	91.0	93.2	94.5	95.7	96.0	96.2	96.6	97.0	97.7	98.8
≥ 100	64.5	72.7	76.6	79.5	86.7	88.0	91.0	93.2	94.6	95.8	96.1	96.2	96.7	97.2	97.9	99.6
≥ 0	64.5	72.7	76.6	79.5	86.7	88.0	91.0	93.2	94.6	95.8	96.1	96.2	96.7	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6476

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

1130 | BITBURG AB OL | 73-81 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-0200
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	26.9	29.6	31.8	31.1	33.8	34.3	36.1	36.6	37.5	38.1	38.1	38.1	38.1	38.8	39.2	39.9
≥ 20000	29.4	32.3	33.6	33.8	36.8	37.3	39.1	39.5	40.5	41.1	41.1	41.1	41.1	41.8	42.2	42.8
≥ 18000	29.4	32.3	33.6	33.8	36.8	37.3	39.1	39.5	40.5	41.1	41.1	41.1	41.1	41.8	42.2	42.8
≥ 6000	29.4	32.3	33.6	33.8	36.8	37.3	39.1	39.5	40.5	41.1	41.1	41.1	41.1	41.8	42.2	42.8
≥ 14000	29.6	32.5	33.8	34.1	37.0	37.5	39.3	39.8	40.7	41.3	41.3	41.3	41.3	42.1	42.4	43.0
≥ 12000	30.1	33.0	34.3	34.5	37.5	38.0	39.8	40.3	41.2	41.8	41.8	41.8	41.8	42.5	42.9	43.5
≥ 10000	31.3	34.2	35.6	35.8	38.8	39.3	41.1	41.6	42.5	43.1	43.1	43.1	43.1	43.8	44.2	44.8
≥ 9000	33.2	36.1	37.5	37.8	40.7	41.2	43.0	43.5	44.4	45.0	45.0	45.0	45.0	45.8	46.1	46.7
≥ 8000	34.5	37.6	39.2	39.5	42.8	43.2	45.2	45.6	46.6	47.3	47.3	47.3	47.3	48.0	48.4	49.2
≥ 7000	35.3	38.1	39.7	40.3	43.5	44.0	45.9	46.4	47.3	48.0	48.0	48.0	48.0	48.7	49.1	49.9
≥ 6000	35.3	38.1	39.7	40.3	43.5	44.0	45.9	46.4	47.3	48.0	48.0	48.0	48.0	48.7	49.1	49.9
≥ 5000	35.7	38.9	40.9	41.6	45.2	45.6	47.6	48.0	49.0	49.7	49.7	49.7	49.7	50.4	50.8	51.6
≥ 4500	38.8	42.4	44.4	45.2	48.9	49.3	51.3	51.7	52.7	53.4	53.4	53.4	53.4	54.1	54.5	55.3
≥ 4000	41.1	44.8	46.8	47.6	51.5	52.0	54.5	55.0	55.9	56.6	56.6	56.6	56.6	57.3	57.7	58.5
≥ 3500	43.7	47.0	49.1	49.7	53.8	54.4	56.9	57.3	58.3	59.0	59.0	59.0	59.0	59.7	60.1	60.9
≥ 3000	45.4	49.6	51.9	52.7	56.9	57.5	60.1	60.6	61.5	62.2	62.2	62.2	62.2	63.0	63.3	64.2
≥ 2500	47.7	52.3	54.6	55.9	61.1	61.8	64.5	65.0	65.9	66.7	66.7	66.7	66.7	67.4	67.7	68.6
≥ 2000	51.4	56.5	59.3	60.9	66.3	67.0	70.0	70.5	71.6	72.3	72.3	72.3	72.3	73.0	73.4	74.2
≥ 1800	51.7	56.9	59.6	61.4	66.9	67.6	70.6	71.1	72.2	72.9	72.9	72.9	72.9	73.6	74.0	74.8
≥ 1500	53.8	59.0	62.0	63.8	70.1	71.2	74.6	75.3	76.3	77.1	77.1	77.1	77.1	77.9	78.3	79.1
≥ 1200	56.5	62.2	65.8	67.6	74.2	75.3	78.9	79.6	80.6	81.4	81.4	81.4	81.4	82.2	82.6	83.4
≥ 1000	58.5	64.9	68.7	70.5	77.7	78.9	82.6	83.4	84.5	85.2	85.2	85.2	85.2	86.0	86.4	87.2
≥ 900	59.1	65.5	69.3	71.2	78.5	79.8	83.6	84.5	85.5	86.3	86.3	86.3	86.3	87.1	87.5	88.3
≥ 800	59.4	66.1	70.0	71.9	79.7	81.0	84.8	85.7	86.7	87.5	87.5	87.5	87.6	88.4	88.8	89.6
≥ 700	60.2	66.9	70.8	72.8	80.9	82.3	86.4	87.3	88.4	89.2	89.2	89.2	89.4	90.2	90.6	91.4
≥ 600	60.2	66.9	71.0	73.2	81.4	82.8	87.0	87.9	89.1	90.0	90.0	90.0	90.1	90.9	91.3	92.1
≥ 500	60.5	67.1	71.2	73.6	81.8	83.3	87.8	89.0	90.3	91.2	91.2	91.2	91.3	92.1	92.5	93.3
≥ 400	60.5	67.1	71.2	73.7	82.0	83.4	87.9	89.2	90.6	91.5	91.5	91.5	91.6	92.5	92.8	93.8
≥ 300	60.5	67.1	71.2	73.7	82.0	83.4	88.1	89.5	90.9	92.1	92.1	92.1	92.5	93.4	93.8	94.9
≥ 200	60.5	67.1	71.2	73.7	82.0	83.4	88.1	89.5	91.0	92.4	92.5	92.5	93.0	94.4	95.1	96.9
≥ 100	60.5	67.1	71.2	73.7	82.0	83.4	88.1	89.5	91.0	92.6	92.8	93.0	93.4	94.9	95.6	99.4
≥ 0	60.5	67.1	71.2	73.7	82.0	83.4	88.1	89.5	91.0	92.7	93.0	93.1	93.5	95.1	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 10	BITBURG AB DL	73-81	OCT
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.9	22.2	23.5	24.0	26.7	27.2	28.7	29.8	30.5	31.3	31.5	31.7	31.7	32.3	32.9	33.7
≥ 20000	22.3	24.7	26.1	26.5	29.3	29.8	31.4	32.5	33.2	34.0	34.3	34.5	34.5	35.1	35.7	36.4
≥ 18000	22.4	24.8	26.1	26.6	29.5	29.9	31.5	32.6	33.3	34.1	34.4	34.6	34.6	35.2	35.8	36.5
≥ 16000	22.4	24.8	26.1	26.6	29.5	29.9	31.5	32.6	33.3	34.1	34.4	34.6	34.6	35.2	35.8	36.5
≥ 14000	22.4	24.8	26.1	26.6	29.5	29.9	31.5	32.6	33.3	34.1	34.4	34.6	34.6	35.2	35.8	36.5
≥ 12000	22.5	24.9	26.2	26.7	29.6	30.1	31.6	32.7	33.4	34.5	34.7	35.0	35.0	35.6	36.2	36.9
≥ 10000	23.2	25.7	27.2	27.7	30.5	31.1	32.9	34.0	34.7	35.8	36.0	36.3	36.3	36.9	37.5	38.2
≥ 9000	24.4	27.2	28.6	29.1	32.0	32.6	34.4	35.4	36.2	37.2	37.5	37.7	37.7	38.3	38.9	39.6
≥ 8000	25.6	28.5	29.9	30.4	33.4	34.0	35.9	37.0	37.7	38.8	39.0	39.3	39.3	39.9	40.5	41.2
≥ 7000	26.0	28.9	30.3	30.8	33.8	34.4	36.3	37.4	38.1	39.2	39.4	39.6	39.6	40.2	40.8	41.6
≥ 6000	26.3	29.2	30.7	31.1	34.3	34.9	36.8	37.8	38.6	39.6	39.9	40.1	40.1	40.7	41.3	42.0
≥ 5000	27.5	30.5	32.0	32.5	35.9	36.5	38.4	39.5	40.2	41.3	41.6	41.8	41.8	42.4	43.0	43.7
≥ 4500	29.5	32.6	34.0	34.5	38.2	38.8	40.7	41.8	42.5	43.6	43.8	44.1	44.1	44.7	45.3	46.0
≥ 4000	31.6	34.9	36.3	36.8	40.5	41.1	43.5	44.6	45.3	46.3	46.6	46.8	46.8	47.4	48.0	48.7
≥ 3500	32.6	36.2	38.0	38.4	42.9	43.5	45.9	46.9	47.7	48.7	49.0	49.2	49.2	49.8	50.4	51.1
≥ 3000	35.4	39.4	41.3	42.0	46.6	47.2	49.8	50.9	51.6	52.7	52.9	53.2	53.2	53.8	54.4	55.1
≥ 2500	37.1	42.2	44.1	45.0	49.7	50.3	53.1	54.3	55.0	56.0	56.3	56.5	56.5	57.1	57.7	58.4
≥ 2000	40.7	46.1	48.0	49.1	54.0	54.7	58.0	59.8	60.7	61.8	62.0	62.3	62.4	63.0	63.6	64.3
≥ 1800	41.4	46.9	48.9	49.9	54.9	55.6	58.8	60.6	61.6	62.6	62.9	63.1	63.2	63.8	64.4	65.1
≥ 1500	43.4	48.9	50.9	52.2	57.7	58.4	61.7	63.8	64.8	66.0	66.2	66.5	66.6	67.2	67.8	68.5
≥ 1200	46.7	52.6	54.7	56.3	62.4	63.4	67.1	69.2	70.2	71.4	71.6	71.9	72.0	72.6	73.2	73.9
≥ 1000	48.1	54.5	56.9	58.6	65.5	66.5	70.4	72.7	73.8	75.0	75.2	75.4	75.6	76.2	76.8	77.5
≥ 900	49.1	55.7	58.1	60.0	67.1	68.0	72.0	74.4	75.4	76.6	76.9	77.2	77.4	78.0	78.6	79.3
≥ 800	50.3	57.2	59.8	61.8	69.7	70.7	74.6	77.1	78.2	79.4	79.6	80.0	80.1	80.7	81.3	82.0
≥ 700	51.1	58.2	60.8	63.0	71.1	72.1	76.0	78.6	79.8	81.0	81.2	81.6	81.7	82.3	82.9	83.6
≥ 600	51.7	59.2	61.9	64.3	72.5	73.4	77.5	80.1	81.4	82.6	82.9	83.4	83.5	84.3	84.9	85.6
≥ 500	51.9	59.3	62.3	64.8	73.3	74.3	78.6	81.2	82.6	84.0	84.2	84.7	84.8	85.6	86.2	86.9
≥ 400	51.9	59.3	62.3	64.8	73.5	74.5	78.8	82.2	84.0	85.4	85.6	86.1	86.2	87.1	87.7	88.7
≥ 300	51.9	59.3	62.3	64.9	73.8	75.0	79.8	83.5	85.5	87.5	87.8	88.3	88.6	89.5	90.1	91.3
≥ 200	51.9	59.3	62.3	64.9	73.8	75.0	79.9	83.7	85.9	88.4	88.6	89.3	90.1	91.1	92.1	94.4
≥ 100	51.9	59.3	62.3	64.9	73.8	75.0	79.9	84.0	86.2	89.2	89.5	90.3	91.0	92.1	93.9	99.2
≥ 0	52.1	59.4	62.4	65.0	73.9	75.1	80.0	84.1	86.3	89.5	89.8	90.8	91.5	92.7	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 835

USAF ETAC FORM JUL 66 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
[illegible]10	BITBURG AB GL	73-81	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.5	15.1	15.9	16.4	18.7	18.8	20.6	22.3	22.8	23.5	23.6	23.7	24.3	25.2	25.7	27.1
≥ 20000	13.7	16.5	17.4	17.9	20.3	20.4	22.3	24.0	24.5	25.3	25.4	25.5	26.1	27.0	27.6	29.0
≥ 18000	13.7	16.5	17.4	17.9	20.3	20.4	22.3	24.0	24.5	25.3	25.4	25.5	26.1	27.0	27.6	29.0
≥ 16000	13.7	16.5	17.4	17.9	20.3	20.4	22.3	24.0	24.5	25.3	25.4	25.5	26.1	27.0	27.6	29.0
≥ 14000	13.7	16.5	17.4	17.9	20.3	20.4	22.3	24.0	24.5	25.3	25.4	25.5	26.1	27.0	27.6	29.0
≥ 12000	13.8	16.7	17.5	18.0	20.4	20.5	22.7	24.3	24.8	25.7	25.8	25.9	26.5	27.3	27.9	29.4
≥ 10000	14.9	17.7	18.6	19.2	21.7	21.8	24.1	25.8	26.3	27.1	27.2	27.3	27.9	28.8	29.4	30.8
≥ 9000	15.3	18.5	19.4	20.0	22.7	22.8	25.1	26.7	27.2	28.1	28.2	28.3	28.9	29.7	30.3	31.8
≥ 8000	16.9	20.1	21.1	21.7	24.8	25.1	27.7	29.5	30.0	30.8	30.9	31.1	31.7	32.5	33.3	34.8
≥ 7000	16.9	20.1	21.1	21.7	24.8	25.1	27.7	29.5	30.2	31.1	31.2	31.3	31.9	32.7	33.6	35.0
≥ 6000	17.7	20.3	21.3	21.9	25.1	25.3	27.9	29.7	30.5	31.3	31.4	31.5	32.1	33.0	33.8	35.3
≥ 5000	18.6	22.1	23.1	23.7	27.3	27.6	30.3	32.1	32.9	33.7	33.8	33.9	34.5	35.4	36.2	37.6
≥ 4500	20.0	23.7	24.9	25.7	29.5	29.7	32.7	34.7	35.4	36.2	36.3	36.5	37.1	37.9	38.7	40.2
≥ 4000	22.2	26.3	27.7	28.4	32.5	32.7	36.0	37.9	38.7	39.6	39.7	39.8	40.5	41.4	42.2	43.6
≥ 3500	22.3	27.1	28.5	29.5	34.2	34.4	37.6	39.7	40.5	41.4	41.5	41.6	42.3	43.2	44.0	45.4
≥ 3000	24.8	29.5	30.9	31.9	37.3	37.5	40.9	42.9	43.8	44.6	44.7	44.8	45.6	46.4	47.2	48.7
≥ 2500	26.0	31.2	32.9	33.8	39.2	39.4	43.0	45.8	46.8	47.7	47.8	48.0	48.7	49.5	50.5	51.9
≥ 2000	29.6	35.4	37.5	38.6	44.2	44.5	48.1	51.1	52.0	53.1	53.2	53.4	54.2	55.0	56.0	57.4
≥ 1800	30.3	36.1	38.2	39.6	45.3	45.6	49.2	52.2	53.1	54.2	54.3	54.4	55.3	56.1	57.1	58.5
≥ 1500	33.2	39.4	41.8	43.3	49.3	49.6	53.5	56.6	57.7	58.9	59.0	59.1	60.0	60.9	62.0	63.4
≥ 1200	36.6	43.5	46.0	47.6	53.8	54.4	58.5	61.6	62.7	63.9	64.0	64.1	65.0	65.9	67.0	68.5
≥ 1000	38.2	45.6	48.6	50.2	57.2	57.8	62.0	65.1	66.3	67.6	67.7	67.9	68.7	69.7	70.7	72.2
≥ 900	39.3	46.3	49.6	51.3	58.6	59.4	63.7	66.9	68.1	69.4	69.5	69.7	70.5	71.5	72.5	74.0
≥ 800	39.9	47.7	51.1	52.9	61.3	62.2	66.7	70.1	71.3	72.7	72.8	72.9	73.7	74.7	75.8	77.2
≥ 700	40.3	48.2	51.8	54.0	63.2	64.1	68.7	72.4	73.7	75.1	75.2	75.3	76.1	77.1	78.2	79.6
≥ 600	40.6	48.9	52.6	54.8	64.1	65.1	70.0	73.7	75.1	76.4	76.6	76.9	77.7	78.7	79.7	81.2
≥ 500	41.6	50.2	54.2	56.6	66.4	67.9	73.0	77.1	78.5	79.9	80.1	80.3	81.2	82.1	83.2	84.7
≥ 400	41.6	50.2	54.2	56.6	66.5	68.0	73.1	77.5	79.3	80.7	80.9	81.2	82.0	83.1	84.5	86.0
≥ 300	41.6	50.2	54.2	56.7	67.1	68.8	74.0	79.0	80.9	82.7	83.0	83.2	84.1	85.3	86.7	88.1
≥ 200	41.6	50.2	54.2	56.7	67.1	68.8	74.0	79.4	81.4	83.5	83.9	84.2	85.3	86.9	88.8	91.6
≥ 100	41.6	50.4	54.3	56.8	67.4	69.1	74.2	79.6	81.7	83.9	84.4	85.1	86.3	88.7	91.2	99.9
≥ 0	41.6	50.4	54.3	56.8	67.4	69.1	74.2	79.6	81.7	83.9	84.4	85.1	86.3	88.7	91.2	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7110	BITBURG AB GL	73-81	OCT
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	7.8	9.9	10.5	11.2	14.9	15.2	16.0	17.2	18.1	18.6	18.8	19.2	19.4	20.0	20.5	21.7
≥ 20000	9.8	11.1	11.7	12.5	16.5	16.7	17.7	19.0	20.0	20.7	21.0	21.3	21.6	22.2	22.7	24.1
≥ 18000	8.9	11.2	11.8	12.7	16.6	16.9	17.8	19.2	20.1	20.8	21.1	21.4	21.7	22.3	22.8	24.2
≥ 9000	9.3	11.6	12.2	13.0	17.0	17.2	18.2	19.5	20.5	21.2	21.4	21.8	22.0	22.7	23.1	24.6
≥ 14000	9.3	11.8	12.4	13.3	17.2	17.5	18.4	19.8	20.7	21.4	21.7	22.0	22.3	22.9	23.4	24.8
≥ 12000	9.8	12.3	12.9	13.9	17.8	18.1	19.2	20.5	21.4	22.2	22.4	22.8	23.0	23.6	24.1	25.5
≥ 10000	10.2	12.8	13.4	14.5	18.7	18.9	20.0	21.3	22.3	23.0	23.3	23.6	23.9	24.5	24.9	26.4
≥ 9000	11.2	13.7	14.5	15.5	19.8	20.0	21.1	22.4	23.4	24.1	24.3	24.7	24.9	25.5	26.0	27.6
≥ 8000	12.2	15.1	16.0	17.3	21.8	22.0	23.4	25.1	26.0	26.9	27.1	27.5	27.7	28.3	28.8	30.4
≥ 7000	12.3	15.2	16.1	17.5	21.9	22.2	23.5	25.2	26.1	27.0	27.2	27.6	27.8	28.4	28.9	30.5
≥ 6000	12.3	15.2	16.3	17.6	22.0	22.3	23.6	25.3	26.3	27.1	27.3	27.7	28.0	28.6	29.0	30.6
≥ 5000	13.5	16.6	17.7	19.0	23.9	24.1	25.5	27.2	28.3	29.5	29.8	30.1	30.4	31.0	31.4	33.0
≥ 4500	14.7	18.4	19.6	21.3	26.3	26.5	28.3	30.1	31.3	32.5	32.8	33.1	33.4	34.0	34.5	36.4
≥ 4000	17.3	21.6	22.8	24.5	29.6	30.1	32.0	34.2	35.7	37.1	37.3	37.8	38.1	38.7	39.2	41.1
≥ 3500	18.1	22.9	24.1	25.8	31.2	31.7	33.9	36.0	37.5	39.2	39.4	39.9	40.1	40.7	41.2	43.1
≥ 3000	19.4	24.7	25.9	27.7	33.6	34.2	36.6	38.8	40.2	41.9	42.2	42.7	42.9	43.5	44.0	45.9
≥ 2500	21.1	26.7	28.2	30.0	36.5	37.1	39.5	41.7	43.1	44.8	45.1	45.5	45.9	46.6	47.1	49.0
≥ 2000	24.1	30.4	32.2	34.3	41.3	41.9	44.7	47.0	48.4	50.2	50.6	51.1	51.4	52.2	52.7	54.6
≥ 1800	24.6	31.1	33.0	35.3	42.4	43.0	45.8	48.1	49.5	51.3	51.7	52.2	52.5	53.3	53.7	55.7
≥ 1500	26.7	34.3	36.4	38.8	45.9	46.6	49.8	52.7	54.5	56.3	56.6	57.1	57.5	58.2	59.0	61.0
≥ 1200	28.7	36.7	39.0	41.4	49.4	50.2	53.4	56.3	58.1	59.9	60.2	60.7	61.1	61.8	62.7	64.6
≥ 1000	30.5	38.7	41.2	43.6	52.3	53.4	57.0	60.2	62.3	64.1	64.5	64.9	65.3	66.0	66.9	68.8
≥ 900	31.3	39.6	42.3	44.7	53.5	54.7	58.3	61.6	63.6	65.5	65.9	66.4	66.7	67.5	68.3	70.2
≥ 800	33.5	42.4	45.2	47.8	57.5	59.0	62.8	66.1	68.3	70.2	70.6	71.1	71.4	72.2	73.0	74.9
≥ 700	34.1	43.0	45.8	48.6	59.5	61.4	65.8	69.8	71.9	74.0	74.3	74.8	75.2	75.9	76.7	78.7
≥ 600	34.5	44.0	47.1	50.2	62.0	64.1	68.7	72.7	74.8	76.9	77.2	77.8	78.2	78.9	79.9	81.8
≥ 500	35.2	44.8	48.0	51.3	63.5	65.8	70.6	75.1	77.5	79.8	80.1	80.7	81.1	81.8	82.8	84.7
≥ 400	35.2	44.8	48.0	51.3	63.9	66.4	71.7	76.5	79.3	81.7	82.0	82.7	83.0	83.9	84.9	86.9
≥ 300	35.2	44.8	48.1	51.3	64.0	66.5	71.9	77.3	80.2	83.3	83.9	84.5	84.8	85.9	87.1	89.0
≥ 200	35.2	44.8	48.1	51.4	64.2	66.7	72.2	77.8	80.7	84.1	84.8	85.7	86.3	87.8	89.6	93.7
≥ 100	35.2	44.8	48.1	51.4	64.2	66.7	72.2	78.0	80.8	84.8	85.5	86.4	87.1	89.0	91.0	99.9
≥ 0	35.2	44.8	48.1	51.4	64.2	66.7	72.2	78.0	80.8	84.8	85.5	86.4	87.1	89.0	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]100 | BITBURG AB DL | 73-81 | OCT
STATION | STATION NAME | YEARS | 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.2	16.5	17.4	17.9	20.4	20.4	20.8	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.5
≥ 20000	17.9	20.7	21.9	22.5	25.2	25.2	25.6	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.3
≥ 18000	18.1	20.8	22.0	22.6	25.3	25.3	25.7	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.4
≥ 16000	18.1	20.8	22.0	22.6	25.3	25.3	25.7	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.4
≥ 14000	18.3	21.0	22.2	22.8	25.6	25.6	25.9	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.6
≥ 12000	19.0	21.9	23.4	24.3	27.0	27.0	27.4	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	28.1
≥ 10000	19.6	22.7	24.3	25.2	28.0	28.0	28.3	28.6	28.7	28.8	28.8	28.8	28.8	28.8	28.8	29.2
≥ 9000	20.3	24.1	25.7	26.6	29.4	29.4	29.7	30.0	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.7
≥ 8000	22.3	25.9	27.5	28.6	31.4	31.5	31.9	32.4	32.6	32.7	32.7	32.7	32.7	32.7	32.7	33.1
≥ 7000	22.9	26.5	28.1	29.2	32.0	32.1	32.5	33.0	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.7
≥ 6000	23.2	26.8	28.3	29.4	32.3	32.4	32.7	33.2	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.9
≥ 5000	24.7	28.4	30.1	31.2	34.1	34.2	34.5	35.0	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.7
≥ 4500	25.4	29.3	30.9	32.1	35.0	35.1	35.7	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.9
≥ 4000	27.8	31.8	33.5	34.8	37.8	37.9	38.5	38.9	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.7
≥ 3500	29.4	33.6	35.2	36.7	39.7	39.8	40.4	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.6
≥ 3000	32.0	36.9	38.7	40.4	44.0	44.1	44.7	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.9
≥ 2500	35.8	41.2	43.1	44.7	48.6	48.7	49.8	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.3
≥ 2000	40.6	46.5	48.3	49.9	53.9	54.1	55.3	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.9
≥ 1800	41.8	47.9	49.8	51.5	55.7	55.9	57.2	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.8
≥ 1500	46.7	54.1	56.4	58.5	62.8	63.1	64.4	65.0	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.9
≥ 1200	49.5	57.5	60.3	63.3	68.1	68.5	70.1	70.7	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.7
≥ 1000	51.1	59.5	62.5	65.6	71.9	72.5	74.6	75.7	76.1	76.5	76.5	76.5	76.6	76.6	76.6	76.9
≥ 900	51.3	59.9	62.8	65.9	72.6	73.2	75.3	76.6	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.8
≥ 800	52.4	61.4	64.6	68.1	75.9	76.6	78.6	80.2	80.5	81.0	81.0	81.0	81.1	81.1	81.1	81.5
≥ 700	53.0	62.6	65.9	69.7	78.4	79.2	81.6	83.2	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.6
≥ 600	53.2	63.2	66.9	70.7	80.2	81.0	83.9	85.4	86.0	86.5	86.5	86.5	86.6	86.6	86.6	87.0
≥ 500	53.3	63.6	67.3	71.3	81.1	82.1	85.3	86.9	87.5	88.1	88.1	88.1	88.2	88.3	88.3	88.6
≥ 400	53.3	63.6	67.3	71.3	81.2	82.2	85.8	87.3	88.2	89.4	89.4	89.6	89.7	89.8	89.8	90.2
≥ 300	53.3	63.6	67.4	71.4	81.4	82.3	86.3	88.6	89.8	92.6	92.6	93.3	93.4	93.7	93.8	94.1
≥ 200	53.3	63.6	67.4	71.4	81.4	82.3	86.5	88.9	90.1	93.4	93.5	94.4	94.6	95.2	95.8	96.9
≥ 100	53.3	63.6	67.4	71.4	81.4	82.3	86.5	89.0	90.2	93.7	93.8	94.6	94.9	96.1	97.1	100.0
≥ 0	53.3	63.6	67.4	71.4	81.4	82.3	86.5	89.0	90.2	93.7	93.8	94.6	94.9	96.1	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6130 (STATION) BITBURG 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.8	22.3	23.4	24.3	25.8	25.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.4	26.4
≥ 20000	25.3	29.2	30.2	31.1	32.7	32.7	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.3	33.3
≥ 18000	25.8	29.2	30.2	31.1	32.7	32.7	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.3	33.3
≥ 16000	25.8	29.2	30.2	31.1	32.7	32.7	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.3	33.3
≥ 14000	25.9	29.3	30.3	31.2	32.9	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.5	33.5
≥ 12000	26.9	30.2	31.3	32.1	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.5	34.5
≥ 10000	28.4	31.8	33.0	33.8	35.7	35.7	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.3	36.3
≥ 9000	30.5	33.8	35.0	35.8	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.4	38.4
≥ 8000	32.0	35.7	36.9	37.8	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.4	40.4
≥ 7000	32.5	36.2	37.4	38.2	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.9	40.9
≥ 6000	32.6	36.4	37.6	38.5	40.5	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.1	41.1
≥ 5000	34.1	38.1	39.3	40.1	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.9	42.9
≥ 4500	36.0	40.1	41.3	42.2	44.3	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.9	44.9
≥ 4000	39.7	44.2	45.4	46.4	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.5	49.5
≥ 3500	42.4	47.3	48.5	49.6	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.7	52.7
≥ 3000	47.1	52.3	53.5	54.8	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4
≥ 2500	52.6	59.4	60.6	62.2	65.8	65.8	65.8	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.8	66.8
≥ 2000	57.0	64.8	65.9	67.7	71.3	71.3	71.4	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.5	72.5
≥ 1800	57.6	65.6	66.8	68.6	72.3	72.3	72.4	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.5	73.6
≥ 1500	62.0	70.7	72.0	74.2	78.1	78.1	78.3	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.5	79.6
≥ 1200	64.8	74.6	76.5	79.2	84.2	84.2	84.3	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.5	85.7
≥ 1000	65.8	76.2	78.5	81.4	87.0	87.0	87.5	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.9	89.0
≥ 900	66.4	76.8	79.2	82.2	88.1	88.1	88.6	89.2	89.4	89.7	89.7	89.7	89.7	89.7	90.1	90.2
≥ 800	66.8	77.4	79.9	83.0	89.5	89.5	90.1	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.5	91.6
≥ 700	67.3	78.0	80.6	83.8	90.3	90.4	91.3	92.0	92.1	92.5	92.5	92.5	92.5	92.5	92.8	93.0
≥ 600	67.6	78.4	81.4	84.6	91.9	92.0	92.8	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.6	94.7
≥ 500	67.6	78.4	81.4	84.7	92.0	92.1	93.3	94.7	95.0	95.5	95.5	95.5	95.5	95.5	95.8	95.9
≥ 400	67.6	78.4	81.4	84.7	92.2	92.4	93.7	95.2	95.7	96.3	96.5	96.5	96.5	96.5	96.9	97.0
≥ 300	67.7	78.5	81.5	84.8	92.4	92.5	94.0	95.9	97.0	98.0	98.2	98.2	98.3	98.3	98.7	98.8
≥ 200	67.7	78.5	81.5	84.8	92.4	92.5	94.1	96.1	97.1	98.3	98.6	98.6	98.8	98.8	99.2	99.3
≥ 100	67.7	78.5	81.5	84.8	92.4	92.5	94.1	96.1	97.1	98.3	98.6	98.6	98.9	99.0	99.4	100.0
≥ 0	67.7	78.5	81.5	84.8	92.4	92.5	94.1	96.1	97.1	98.3	98.6	98.6	98.9	99.0	99.4	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

STATION	STATION NAME	YEARS	MONTH
130	BITBURG AB DL	73-81	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.4	28.1	29.3	30.1	33.0	33.0	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8
≥ 20000	29.4	32.7	33.9	34.8	37.6	38.0	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8
≥ 18000	29.7	33.1	34.3	35.1	38.0	38.4	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2
≥ 16000	29.9	33.2	34.4	35.2	38.1	38.5	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3
≥ 14000	30.2	33.6	34.8	35.6	38.5	38.8	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7	39.7
≥ 12000	31.1	34.5	35.7	36.6	39.4	39.8	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6
≥ 10000	33.5	37.3	38.6	39.4	42.3	42.7	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5
≥ 9000	35.4	39.2	40.6	41.5	44.3	44.7	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5
≥ 8000	37.4	41.3	42.8	43.8	47.0	47.3	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1
≥ 7000	38.6	42.5	44.0	45.0	48.1	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
≥ 6000	39.1	43.0	44.4	45.5	48.6	49.0	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8
≥ 5000	40.6	44.8	46.2	47.3	50.4	50.8	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6
≥ 4500	42.5	47.1	48.6	49.8	52.9	53.3	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1
≥ 4000	46.0	50.7	52.2	53.5	57.0	57.3	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 3500	50.1	55.7	57.2	58.5	62.5	62.8	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 3000	52.8	59.1	60.7	62.1	66.3	66.7	67.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 2500	57.3	64.0	66.1	67.7	72.3	72.6	73.1	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 2000	60.8	68.0	70.5	72.3	77.8	78.1	78.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.5	79.5
≥ 1800	62.2	69.5	72.2	74.1	79.7	80.0	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4	81.4
≥ 1500	65.4	73.1	75.9	78.3	84.5	84.8	85.4	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 1200	66.7	74.8	78.0	80.8	87.6	87.9	88.6	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 1000	67.4	75.6	79.1	82.0	88.9	89.2	90.3	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.4	91.5
≥ 900	67.5	75.7	79.3	82.2	89.5	89.8	90.9	91.5	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.1
≥ 800	67.9	76.3	80.2	83.0	90.4	90.8	92.2	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.5
≥ 700	67.9	76.3	80.2	83.0	90.6	90.9	92.7	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.3
≥ 600	67.9	76.3	80.3	83.3	90.8	91.3	93.1	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.6	94.7
≥ 500	68.2	76.7	80.6	83.6	91.4	91.9	94.3	95.3	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.4
≥ 400	68.2	76.7	80.6	83.6	91.6	92.1	94.6	95.7	96.2	96.9	96.9	97.3	97.3	97.3	97.4	97.5
≥ 300	68.3	76.8	80.8	83.8	91.8	92.2	94.7	95.8	96.4	97.6	97.6	98.1	98.1	98.1	98.2	98.3
≥ 200	68.3	76.8	80.8	83.8	91.8	92.2	94.7	95.8	96.7	97.8	97.8	98.3	98.3	98.6	98.7	99.3
≥ 100	68.3	76.8	80.8	83.8	91.8	92.2	94.7	95.8	96.7	97.8	97.8	98.3	98.3	98.8	98.9	100.0
≥ 0	68.3	76.8	80.8	83.8	91.8	92.2	94.7	95.8	96.7	97.8	97.8	98.3	98.3	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1130	BITBURG AB DL	73-81	OCT
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.4	32.6	33.7	34.5	37.5	38.1	40.0	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4
≥ 20000	32.6	36.1	37.2	38.0	41.2	41.8	43.8	44.2	44.3	44.3	44.3	44.4	44.6	44.6	44.6	44.6
≥ 18000	32.7	36.2	37.3	38.1	41.3	41.9	44.	44.3	44.4	44.4	44.4	44.6	44.7	44.7	44.7	44.7
≥ 16000	32.7	36.2	37.3	38.1	41.3	41.9	44.0	44.3	44.4	44.4	44.4	44.6	44.7	44.7	44.7	44.7
≥ 14000	32.9	36.3	37.4	38.2	41.5	42.1	44.1	44.4	44.6	44.6	44.6	44.7	44.8	44.8	44.8	44.8
≥ 12000	33.1	36.7	37.8	38.6	41.8	42.4	44.4	44.8	44.9	44.9	44.9	45.0	45.2	45.2	45.2	45.2
≥ 10000	34.1	37.6	38.8	39.7	42.9	43.5	45.5	45.9	46.0	46.0	46.0	46.1	46.2	46.2	46.2	46.2
≥ 9000	35.8	39.4	40.6	41.5	44.7	45.3	47.3	47.7	47.8	47.8	47.8	47.9	48.0	48.0	48.0	48.0
≥ 8000	38.7	42.3	43.6	44.4	47.9	48.6	50.7	51.0	51.1	51.1	51.1	51.3	51.4	51.5	51.5	51.5
≥ 7000	39.7	43.4	44.8	45.6	49.1	49.8	51.9	52.3	52.4	52.4	52.4	52.6	52.7	52.8	52.8	52.8
≥ 6000	39.9	43.6	45.0	45.9	49.3	50.1	52.1	52.6	52.7	52.7	52.7	52.8	52.9	53.0	53.0	53.0
≥ 5000	41.5	45.4	47.0	47.8	51.4	52.1	54.1	54.6	54.7	54.7	54.7	54.8	55.0	55.1	55.1	55.1
≥ 4500	45.1	49.6	51.1	52.1	55.8	56.6	58.7	59.1	59.3	59.3	59.3	59.4	59.5	59.6	59.6	59.6
≥ 4000	47.8	53.2	54.8	55.8	59.5	60.5	62.8	63.6	63.7	63.7	63.7	63.8	63.9	64.0	64.0	64.0
≥ 3500	50.1	55.8	57.6	58.5	62.5	63.6	65.9	66.7	66.8	66.8	66.8	66.9	67.0	67.1	67.1	67.1
≥ 3000	51.6	57.6	59.4	60.3	64.4	65.5	67.9	68.6	68.7	68.7	68.7	68.8	68.9	69.1	69.1	69.1
≥ 2500	55.0	62.0	63.9	65.0	69.3	70.5	72.9	73.6	73.7	73.7	73.7	73.8	74.0	74.1	74.1	74.1
≥ 2000	58.2	65.6	67.6	68.8	73.5	74.7	77.2	77.9	78.0	78.0	78.0	78.1	78.3	78.4	78.4	78.4
≥ 1800	59.1	66.7	68.7	69.9	74.7	75.9	78.4	79.1	79.2	79.2	79.2	79.3	79.5	79.6	79.6	79.6
≥ 1500	62.4	70.3	72.3	73.6	79.1	80.4	83.3	84.0	84.1	84.1	84.1	84.2	84.3	84.5	84.5	84.5
≥ 1200	64.6	72.9	75.0	76.8	82.8	84.2	87.3	88.2	88.4	88.4	88.4	88.5	88.6	88.8	88.8	88.8
≥ 1000	66.2	74.6	76.7	78.5	84.7	86.3	89.6	90.4	90.7	90.9	90.9	91.0	91.2	91.3	91.3	91.3
≥ 900	66.2	74.6	76.7	78.5	84.9	86.5	89.8	90.7	90.9	91.2	91.2	91.3	91.4	91.5	91.5	91.5
≥ 800	66.3	74.8	77.1	78.9	85.3	86.9	90.6	91.4	91.6	91.9	91.9	92.0	92.1	92.2	92.2	92.2
≥ 700	66.9	75.5	77.8	79.7	86.1	87.7	91.5	92.5	92.7	93.0	93.0	93.1	93.2	93.3	93.3	93.3
≥ 600	67.0	75.6	77.9	79.8	86.6	88.2	92.1	93.1	93.3	93.5	93.5	93.7	93.8	93.9	93.9	93.9
≥ 500	67.1	76.0	78.5	80.4	87.5	89.0	93.8	94.9	95.1	95.3	95.3	95.5	95.6	95.7	95.7	95.7
≥ 400	67.1	76.0	78.5	80.4	87.6	89.1	93.9	95.0	95.3	95.6	95.6	95.8	95.9	96.1	96.1	96.1
≥ 300	67.1	76.0	78.9	80.8	87.9	89.5	94.3	95.6	96.2	96.4	96.4	96.7	96.8	96.9	96.9	96.9
≥ 200	67.1	76.0	78.9	80.8	87.9	89.5	94.3	95.6	96.2	96.4	96.5	96.8	97.0	97.3	97.7	98.2
≥ 100	67.1	76.0	78.9	80.8	87.9	89.5	94.3	95.6	96.2	96.5	96.7	96.9	97.1	97.6	98.2	100.0
≥ 0	67.1	76.0	78.9	80.8	87.9	89.5	94.3	95.6	96.2	96.5	96.7	96.9	97.1	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) OCT (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.5	22.1	23.1	23.7	26.4	26.6	27.7	28.4	28.8	29.1	29.2	29.2	29.4	29.7	30.0	30.6
≥ 20000	22.5	25.4	26.5	27.1	30.0	30.3	31.4	32.1	32.5	32.9	33.0	33.1	33.2	33.5	33.9	34.4
≥ 18000	22.6	25.5	26.6	27.2	30.1	30.4	31.5	32.2	32.6	33.0	33.1	33.2	33.3	33.6	34.0	34.5
≥ 16000	22.7	25.6	26.7	27.3	30.1	30.4	31.6	32.3	32.7	33.1	33.1	33.2	33.4	33.7	34.0	34.6
≥ 14000	22.8	25.7	26.8	27.5	30.3	30.6	31.7	32.4	32.8	33.2	33.3	33.4	33.5	33.9	34.2	34.8
≥ 12000	23.3	26.3	27.4	28.1	31.0	31.2	32.4	33.1	33.5	33.9	34.0	34.1	34.2	34.6	34.9	35.5
≥ 10000	24.4	27.5	28.7	29.4	32.3	32.6	33.9	34.6	35.0	35.4	35.5	35.6	35.7	36.1	36.4	36.9
≥ 9000	25.9	29.0	30.3	31.0	33.9	34.2	35.5	36.2	36.6	37.0	37.1	37.2	37.3	37.7	38.0	38.6
≥ 8000	27.5	30.8	32.2	33.0	36.1	36.5	37.8	38.6	39.0	39.5	39.6	39.7	39.8	40.1	40.5	41.1
≥ 7000	28.1	31.4	32.7	33.6	36.7	37.1	38.4	39.2	39.7	40.1	40.2	40.3	40.4	40.8	41.1	41.7
≥ 6000	28.2	31.6	32.9	33.8	37.0	37.3	38.6	39.5	39.9	40.4	40.4	40.5	40.7	41.0	41.4	42.0
≥ 5000	29.5	33.1	34.6	35.4	38.8	39.2	40.5	41.3	41.8	42.3	42.4	42.5	42.6	43.0	43.3	43.9
≥ 4500	31.5	35.4	36.9	37.9	41.4	41.7	43.2	44.0	44.5	45.0	45.1	45.2	45.3	45.7	46.0	46.7
≥ 4000	34.2	38.4	40.0	41.0	44.7	45.1	46.8	47.7	48.2	48.8	48.8	49.0	49.1	49.5	49.8	50.5
≥ 3500	36.1	40.7	42.3	43.4	47.4	47.8	49.5	50.5	51.0	51.6	51.6	51.8	51.9	52.3	52.6	53.3
≥ 3000	38.6	43.7	45.3	46.5	50.9	51.3	53.1	54.1	54.6	55.2	55.3	55.4	55.5	55.9	56.2	56.9
≥ 2500	41.6	47.4	49.2	50.6	55.3	55.8	57.7	58.8	59.4	60.0	60.1	60.2	60.4	60.7	61.1	61.8
≥ 2000	45.3	51.7	53.7	55.3	60.3	60.8	63.0	64.2	64.8	65.5	65.5	65.7	65.8	66.2	66.6	67.2
≥ 1800	46.1	52.6	54.7	56.3	61.5	62.0	64.2	65.4	66.0	66.7	66.7	66.9	67.0	67.4	67.8	68.4
≥ 1500	49.2	56.3	58.5	60.4	66.0	66.6	68.9	70.3	70.9	71.7	71.8	71.9	72.1	72.5	72.9	73.5
≥ 1200	51.8	59.4	62.0	64.2	70.3	71.1	73.6	75.0	75.7	76.4	76.5	76.6	76.8	77.2	77.6	78.3
≥ 1000	53.3	61.2	64.0	66.3	73.2	74.0	76.8	78.4	79.1	79.9	80.0	80.1	80.3	80.7	81.1	81.8
≥ 900	53.8	61.8	64.7	67.0	74.1	75.0	77.8	79.4	80.2	81.0	81.1	81.2	81.4	81.8	82.3	82.9
≥ 800	54.6	63.0	66.0	68.5	76.2	77.1	80.1	81.8	82.6	83.4	83.5	83.6	83.8	84.2	84.7	85.4
≥ 700	55.1	63.6	66.8	69.3	77.5	78.6	81.8	83.7	84.5	85.4	85.5	85.6	85.8	86.2	86.6	87.3
≥ 600	55.4	64.1	67.4	70.2	78.7	79.8	83.2	85.1	86.0	86.8	87.0	87.1	87.3	87.8	88.2	88.9
≥ 500	55.7	64.5	68.0	70.8	79.7	80.8	84.6	86.8	87.8	88.7	88.8	89.0	89.2	89.7	90.1	90.8
≥ 400	55.7	64.5	68.0	70.8	79.8	81.0	85.0	87.3	88.6	89.7	89.8	90.1	90.3	90.8	91.3	92.0
≥ 300	55.7	64.6	68.0	71.0	80.1	81.3	85.4	88.2	89.6	91.3	91.5	91.8	92.1	92.6	93.2	93.9
≥ 200	55.7	64.6	68.1	71.0	80.1	81.3	85.5	88.4	89.9	91.8	92.1	92.5	92.9	93.8	94.6	96.3
≥ 100	55.7	64.6	68.1	71.0	80.1	81.4	85.5	88.5	90.0	92.1	92.4	92.9	93.4	94.5	95.7	99.8
≥ 0	55.7	64.6	68.1	71.0	80.1	81.4	85.5	88.5	90.0	92.2	92.5	93.0	93.5	94.6	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6684

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
[illegible]130	BITBURG AB DL	73-81	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.1	21.3	21.8	22.9	24.1	24.3	25.5	26.0	26.0	26.3	26.5	26.6	26.6	26.6	26.6	26.9
≥ 20000	20.3	22.5	23.1	24.3	25.8	25.9	27.1	27.6	27.6	27.9	28.3	28.4	28.4	28.4	28.4	28.6
≥ 18000	20.3	22.5	23.1	24.3	25.8	25.9	27.1	27.6	27.6	27.9	28.3	28.4	28.4	28.4	28.4	28.6
≥ 16000	20.3	22.5	23.1	24.3	25.8	25.9	27.1	27.6	27.6	27.9	28.3	28.4	28.4	28.4	28.4	28.6
≥ 14000	20.3	22.5	23.1	24.3	25.8	25.9	27.1	27.6	27.6	27.9	28.3	28.4	28.4	28.4	28.4	28.8
≥ 12000	20.3	22.8	23.4	24.5	26.0	26.1	27.4	27.9	27.9	28.1	28.5	28.6	28.6	28.6	28.6	29.0
≥ 10000	20.9	23.4	24.0	25.1	26.6	26.8	28.0	28.6	28.8	29.0	29.4	29.5	29.5	29.5	29.5	30.0
≥ 9000	21.6	24.1	24.8	25.9	27.4	27.6	28.9	29.5	29.6	29.9	30.3	30.4	30.4	30.4	30.4	30.9
≥ 8000	22.1	25.0	25.6	26.8	28.5	29.1	30.4	31.0	31.3	31.5	31.9	32.0	32.0	32.0	32.0	32.5
≥ 7000	22.3	25.1	25.8	26.9	28.6	29.3	30.5	31.1	31.4	31.6	32.0	32.1	32.1	32.1	32.1	32.6
≥ 6000	22.3	25.1	25.8	26.9	28.6	29.3	30.5	31.1	31.4	31.6	32.0	32.1	32.1	32.1	32.1	32.6
≥ 5000	23.3	26.1	26.8	27.9	29.6	30.4	31.8	32.4	32.6	32.9	33.3	33.4	33.4	33.4	33.4	33.9
≥ 4500	26.3	29.6	30.4	31.8	33.5	34.3	35.6	36.3	36.5	36.8	37.1	37.3	37.3	37.3	37.3	37.8
≥ 4000	28.4	31.8	32.5	33.9	35.8	36.5	38.1	38.8	39.0	39.5	39.9	40.0	40.0	40.0	40.0	40.5
≥ 3500	30.5	34.0	34.9	36.3	38.3	39.0	40.6	41.3	41.5	42.0	42.4	42.5	42.5	42.5	42.5	43.0
≥ 3000	33.1	37.4	38.3	39.6	42.0	42.8	44.4	45.0	45.3	45.8	46.1	46.3	46.3	46.3	46.3	46.8
≥ 2500	35.9	40.8	41.6	43.0	45.8	46.5	48.1	48.8	49.0	49.5	49.9	50.0	50.0	50.0	50.0	50.5
≥ 2000	40.6	46.1	47.1	49.3	52.0	52.8	54.6	55.3	55.6	56.1	56.5	56.6	56.6	56.6	56.6	57.1
≥ 1800	41.4	47.1	48.1	50.3	53.3	54.0	55.9	56.5	56.9	57.4	57.8	57.9	57.9	57.9	57.9	58.4
≥ 1500	47.9	54.5	55.5	57.9	61.3	62.4	64.3	64.9	65.3	65.8	66.1	66.3	66.3	66.3	66.3	66.8
≥ 1200	51.4	58.8	60.1	62.8	66.4	67.5	69.6	70.3	70.6	71.1	71.6	71.8	71.8	71.8	71.8	72.4
≥ 1000	53.0	60.4	62.1	65.0	69.0	70.4	72.5	73.1	73.5	74.0	74.6	74.8	74.8	74.8	74.8	75.4
≥ 900	53.9	61.6	63.4	66.4	70.4	71.8	74.0	74.6	75.0	75.5	76.1	76.3	76.3	76.3	76.3	76.9
≥ 800	54.9	62.8	64.5	67.5	71.5	72.9	75.1	75.8	76.1	76.6	77.4	77.5	77.5	77.5	77.5	78.1
≥ 700	55.5	63.5	65.3	69.1	74.0	75.4	77.8	78.4	78.9	79.4	80.1	80.3	80.3	80.3	80.3	80.9
≥ 600	56.3	64.4	66.4	70.6	75.6	77.0	79.5	80.6	81.1	81.6	82.4	82.5	82.5	82.5	82.5	83.1
≥ 500	56.7	64.5	66.8	71.4	77.3	78.8	81.8	83.4	84.1	84.9	85.6	85.8	85.8	85.9	85.9	86.5
≥ 400	56.0	64.5	66.9	71.5	78.1	79.8	82.9	84.8	85.5	86.3	87.0	87.1	87.1	87.5	87.5	88.1
≥ 300	56.1	64.8	67.1	71.8	78.5	80.1	83.4	85.4	86.6	87.8	88.5	88.8	88.9	89.4	89.9	90.6
≥ 200	56.1	64.8	67.1	71.8	78.5	80.1	83.4	85.9	87.8	89.4	90.1	90.4	90.6	91.8	92.4	94.4
≥ 100	56.1	64.8	67.1	71.8	78.5	80.1	83.4	85.9	87.8	89.9	90.6	91.0	91.3	92.9	94.3	99.9
≥ 0	56.1	64.8	67.1	71.8	78.5	80.1	83.4	85.9	87.8	89.9	90.6	91.0	91.3	92.9	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7100	BITBURG AB DL	73-81	NOV
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.5	16.3	17.1	17.2	18.5	18.8	19.8	20.2	20.4	20.6	20.6	20.6	20.6	20.8	20.9	22.1
≥ 20000	15.8	17.8	18.5	18.8	20.2	20.7	22.1	22.6	22.8	22.9	22.9	22.9	22.9	23.2	23.3	24.4
≥ 18000	15.8	17.8	18.5	18.8	20.2	20.7	22.1	22.6	22.8	22.9	22.9	22.9	22.9	23.2	23.3	24.4
≥ 16000	15.8	17.8	18.5	18.8	20.2	20.7	22.1	22.6	22.8	22.9	22.9	22.9	22.9	23.2	23.3	24.4
≥ 14000	15.8	17.8	18.5	18.8	20.2	20.7	22.1	22.6	22.8	22.9	22.9	22.9	22.9	23.2	23.3	24.4
≥ 12000	15.8	18.1	18.7	19.1	20.4	20.9	22.3	22.8	23.1	23.2	23.2	23.2	23.2	23.4	23.6	24.7
≥ 10000	16.3	18.6	19.2	19.6	20.9	21.4	22.9	23.4	23.7	23.8	23.8	23.8	23.8	24.1	24.2	25.3
≥ 9000	16.7	19.0	19.6	20.1	21.7	22.2	23.7	24.2	24.4	24.6	24.6	24.6	24.6	24.8	24.9	26.1
≥ 8000	17.5	20.1	20.7	21.4	23.2	23.9	25.4	25.9	26.3	26.4	26.4	26.4	26.4	26.7	26.8	27.9
≥ 7000	17.6	20.2	20.8	21.6	23.3	24.1	25.6	26.1	26.4	26.6	26.6	26.6	26.6	26.8	26.9	28.1
≥ 6000	17.6	20.2	20.8	21.6	23.3	24.1	25.6	26.1	26.4	26.6	26.6	26.6	26.6	26.8	26.9	28.1
≥ 5000	19.1	21.7	22.3	23.1	24.9	25.7	27.3	27.8	28.2	28.4	28.4	28.4	28.4	28.7	28.8	29.9
≥ 4500	21.7	24.6	25.6	26.3	28.3	29.1	31.0	31.5	31.9	32.2	32.2	32.2	32.2	32.4	32.5	33.7
≥ 4000	24.3	27.4	28.4	29.2	31.5	32.3	34.5	35.0	35.4	35.7	35.7	35.7	35.7	35.9	36.0	37.3
≥ 3500	25.6	28.9	29.9	30.7	33.2	33.9	36.2	36.9	37.3	37.5	37.7	37.7	37.7	37.9	38.0	39.3
≥ 3000	27.7	31.5	32.9	33.7	36.2	36.9	39.2	39.9	40.3	40.6	40.8	40.8	40.8	41.0	41.1	42.4
≥ 2500	29.8	34.3	35.9	36.9	39.9	40.6	42.9	43.6	44.0	44.4	44.5	44.5	44.5	44.8	44.9	46.1
≥ 2000	35.4	39.9	41.8	43.0	46.3	47.0	49.4	50.2	50.7	51.1	51.2	51.2	51.5	51.7	51.9	53.1
≥ 1800	36.4	41.0	43.0	44.3	47.5	48.3	50.9	51.7	52.2	52.6	52.7	52.7	53.0	53.2	53.4	54.6
≥ 1500	41.1	46.4	48.8	50.2	53.9	55.0	57.9	59.2	59.7	60.1	60.2	60.2	60.5	60.7	60.8	62.1
≥ 1200	44.4	50.0	52.4	54.1	58.2	59.4	62.3	63.7	64.3	64.7	64.8	64.8	65.1	65.3	65.5	66.7
≥ 1000	47.1	53.9	56.4	58.2	63.1	64.2	67.2	68.6	69.2	69.6	69.7	69.7	70.0	70.2	70.3	71.6
≥ 900	47.6	54.7	57.4	59.2	64.1	65.2	68.3	69.7	70.3	70.7	70.8	70.8	71.1	71.3	71.4	72.7
≥ 800	48.9	56.2	59.0	61.0	66.1	67.3	70.9	72.3	73.1	73.4	73.6	73.6	73.8	74.1	74.2	75.6
≥ 700	50.2	57.7	60.6	63.1	68.7	70.1	73.7	75.2	75.9	76.3	76.4	76.4	76.7	76.9	77.1	78.4
≥ 600	50.6	58.2	61.1	63.7	70.0	71.6	75.7	77.4	78.3	78.9	79.1	79.1	79.3	79.6	79.7	81.0
≥ 500	50.7	58.5	61.7	64.7	72.1	73.7	77.8	79.9	80.9	81.5	81.7	81.7	81.9	82.3	82.4	83.8
≥ 400	50.7	58.5	61.7	64.7	72.9	74.7	79.2	81.5	82.7	83.3	83.4	83.4	83.7	84.2	84.3	85.7
≥ 300	50.7	58.5	61.7	65.0	73.7	75.4	80.4	83.2	84.9	85.7	85.8	86.0	86.3	87.4	87.7	89.2
≥ 200	50.7	58.5	61.7	65.0	73.7	75.4	80.9	83.9	86.0	87.4	87.5	87.8	88.0	89.8	90.1	92.9
≥ 100	50.7	58.5	61.7	65.0	73.7	75.4	80.9	83.9	86.0	87.7	88.0	88.5	88.9	91.1	92.9	99.8
≥ 0	50.7	58.5	61.7	65.0	73.7	75.4	80.9	83.9	86.0	87.7	88.0	88.5	88.9	91.1	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 802

USAF ETAC FORM JUL 68 0-14-8 (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
[illegible]130	BITBURG AB DL	73-81	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.4	13.0	13.9	13.9	15.4	15.6	16.3	16.6	16.9	17.0	17.0	17.0	17.0	17.2	17.5	18.4
≥ 20000	13.2	14.0	15.0	15.0	16.6	17.0	17.6	18.1	18.4	18.5	18.5	18.5	18.5	18.7	19.0	20.0
≥ 18000	13.2	14.0	15.0	15.0	16.6	17.0	17.6	18.1	18.4	18.5	18.5	18.5	18.5	18.7	19.0	20.0
≥ 16000	13.2	14.0	15.0	15.0	16.6	17.0	17.6	18.1	18.4	18.5	18.5	18.5	18.5	18.7	19.0	20.0
≥ 14000	13.2	14.0	15.0	15.0	16.6	17.0	17.6	18.1	18.4	18.5	18.5	18.5	18.5	18.7	19.0	20.0
≥ 12000	13.2	14.0	15.0	15.0	16.6	17.0	17.6	18.1	18.4	18.5	18.5	18.5	18.5	18.7	19.0	20.0
≥ 10000	13.8	14.8	15.8	15.8	17.4	17.7	18.5	19.2	19.5	19.6	19.6	19.6	19.6	19.9	20.1	21.1
≥ 9000	14.1	15.3	16.3	16.3	17.9	18.2	19.0	19.7	20.0	20.1	20.1	20.1	20.1	20.3	20.6	21.6
≥ 8000	15.1	16.3	17.2	17.4	19.1	19.5	20.2	21.0	21.2	21.3	21.3	21.3	21.3	21.6	21.8	22.8
≥ 7000	15.4	16.5	17.5	17.6	19.4	19.7	20.5	21.2	21.5	21.6	21.6	21.6	21.6	21.8	22.1	23.1
≥ 6000	15.6	16.7	17.7	17.9	19.6	20.0	20.7	21.5	21.7	21.8	21.8	21.8	21.8	22.1	22.3	23.3
≥ 5000	17.4	18.6	19.6	19.9	21.6	22.0	22.7	23.4	23.7	23.8	23.8	23.9	23.8	24.1	24.3	25.3
≥ 4500	19.2	20.8	22.0	22.2	23.9	24.4	25.4	26.2	26.4	26.6	26.6	26.6	26.6	26.8	27.0	28.0
≥ 4000	22.2	24.1	25.2	25.4	27.5	28.0	29.3	30.4	30.8	30.9	30.9	30.9	30.9	31.1	31.4	32.4
≥ 3500	24.3	26.3	27.4	27.7	29.8	30.3	31.5	32.6	33.0	33.1	33.1	33.1	33.1	33.4	33.6	34.6
≥ 3000	26.9	28.9	30.0	30.5	33.0	33.5	34.9	36.1	36.5	36.6	36.6	36.6	36.6	36.8	37.1	38.1
≥ 2500	28.4	30.4	31.8	32.5	35.4	35.9	37.2	38.5	38.8	39.0	39.0	39.0	39.0	39.2	39.5	40.4
≥ 2000	31.1	33.9	35.4	36.1	39.8	40.3	41.8	43.2	43.8	44.0	44.0	44.2	44.2	44.4	44.7	45.7
≥ 1800	32.4	35.2	37.1	38.0	41.7	42.2	43.8	45.2	45.8	46.0	46.0	46.3	46.3	46.5	46.8	47.8
≥ 1500	37.6	41.1	43.1	43.9	48.1	49.0	51.0	52.6	53.2	53.5	53.5	53.7	53.7	54.0	54.2	55.2
≥ 1200	40.9	45.0	47.0	48.0	52.6	53.5	55.6	57.2	57.8	58.1	58.1	58.3	58.3	58.6	58.8	59.8
≥ 1000	43.9	48.8	50.7	52.1	56.9	58.1	60.4	62.0	62.7	62.9	62.9	63.2	63.2	63.4	63.6	64.6
≥ 900	44.5	49.6	52.0	53.6	58.6	59.7	62.0	63.8	64.4	64.6	64.6	64.9	64.9	65.1	65.4	66.4
≥ 800	46.2	51.9	54.3	56.5	61.5	62.8	65.4	67.2	67.9	68.1	68.1	68.4	68.4	68.6	68.9	70.1
≥ 700	47.9	54.1	56.7	59.2	64.6	65.9	69.1	71.2	72.1	72.3	72.3	72.6	72.6	72.8	73.1	74.3
≥ 600	48.9	55.8	58.6	61.3	67.2	68.5	72.5	74.7	75.6	76.1	76.1	76.3	76.3	76.7	76.9	78.2
≥ 500	49.1	56.2	59.1	62.4	69.4	70.6	75.1	77.7	78.5	79.2	79.2	79.4	79.4	79.9	80.5	81.8
≥ 400	49.3	56.5	59.3	62.9	70.8	72.8	77.5	80.5	81.5	82.1	82.1	82.4	82.4	82.9	83.5	84.7
≥ 300	49.3	56.5	59.4	63.0	71.2	73.3	78.5	82.1	83.5	85.0	85.2	85.5	85.5	86.4	87.2	88.7
≥ 200	49.3	56.5	59.4	63.0	71.3	73.4	78.8	82.8	84.7	86.7	87.0	87.3	87.6	89.0	90.1	93.1
≥ 100	49.3	56.5	59.4	63.0	71.3	73.4	78.8	82.8	85.0	87.2	87.6	88.2	88.5	90.2	93.1	99.6
≥ 0	49.3	56.5	59.4	63.0	71.3	73.4	78.8	82.8	85.0	87.2	87.6	88.2	88.5	90.2	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAF ETAC FORM JUL 66 0-14-8 (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
[illegible]100	BITBURG AB DL	73-81	NOV

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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	9.2	11.4	11.1	11.4	12.5	12.6	13.1	13.2	14.0	14.2	14.2	14.2	14.4	14.5	14.5	15.6
≥ 20000	10.9	12.5	13.2	13.6	15.0	15.4	16.1	16.4	17.2	17.7	17.7	17.7	17.9	18.0	18.1	19.5
≥ 18000	17.9	12.5	13.2	13.6	15.0	15.4	16.1	16.4	17.2	17.7	17.7	17.7	17.9	18.0	18.1	19.5
≥ 6000	10.9	12.5	13.2	13.6	15.0	15.4	16.1	16.4	17.2	17.7	17.7	17.7	17.9	18.0	18.1	19.5
≥ 14000	10.9	12.5	13.2	13.6	15.0	15.4	16.1	16.4	17.2	17.7	17.7	17.7	17.9	18.0	18.1	19.5
≥ 12000	11.0	12.6	13.4	13.7	15.1	15.5	16.2	16.5	17.4	17.9	17.9	17.9	18.0	18.1	18.2	19.6
≥ 10000	11.1	12.7	13.6	14.0	15.4	15.7	16.6	16.9	17.7	18.2	18.2	18.2	18.6	18.7	18.9	20.2
≥ 9000	11.7	13.4	14.2	14.6	16.0	16.4	17.2	17.5	18.4	18.9	18.9	18.9	19.2	19.4	19.7	21.1
≥ 8000	12.9	14.6	15.5	15.9	17.4	17.7	18.6	18.9	19.7	20.2	20.2	20.2	20.6	20.7	21.1	22.5
≥ 7000	12.9	14.6	15.5	15.9	17.4	17.7	18.6	18.9	19.7	20.2	20.2	20.2	20.6	20.7	21.1	22.5
≥ 6000	13.3	14.7	15.6	16.0	17.5	17.9	18.7	19.0	19.9	20.3	20.3	20.3	20.7	20.8	21.2	22.6
≥ 5000	13.6	15.9	16.9	17.2	18.7	19.1	20.0	20.2	21.2	21.7	21.7	21.7	22.1	22.2	22.6	24.2
≥ 4500	14.9	17.4	18.4	19.0	20.8	21.2	22.2	22.5	23.5	24.0	24.0	24.0	24.3	24.5	24.8	26.2
≥ 4000	17.4	20.3	21.5	22.2	24.2	24.7	25.8	26.1	27.5	28.0	28.0	28.0	28.3	28.5	28.8	30.2
≥ 3500	18.4	21.3	22.5	23.2	25.3	25.8	27.0	27.2	28.7	29.2	29.2	29.2	29.6	29.7	30.1	31.5
≥ 3000	20.7	24.1	25.6	26.5	28.8	29.6	30.8	31.2	33.1	33.6	33.6	33.6	34.0	34.1	34.5	35.8
≥ 2500	23.1	26.6	28.1	29.3	32.0	32.8	34.1	34.5	36.3	36.8	36.8	36.8	37.2	37.3	37.7	39.1
≥ 2000	27.3	31.2	33.1	34.7	38.0	39.0	40.2	40.6	42.4	43.1	43.1	43.1	43.4	43.6	43.9	45.3
≥ 1800	28.3	32.6	34.6	36.3	39.7	40.7	42.4	42.8	44.9	45.6	45.6	45.6	45.9	46.1	46.4	47.8
≥ 1500	32.1	36.8	39.0	40.7	45.3	46.4	48.4	49.2	51.4	52.2	52.2	52.3	52.7	52.8	53.2	54.6
≥ 1200	35.7	40.8	43.1	44.8	50.3	51.4	54.1	54.9	57.4	58.2	58.2	58.3	58.7	58.8	59.2	60.5
≥ 1000	38.3	44.1	46.4	48.2	54.7	55.8	58.6	59.6	62.0	62.9	62.9	63.0	63.4	63.5	63.9	65.3
≥ 900	38.5	44.7	47.1	49.3	55.8	56.9	59.7	60.7	63.2	64.0	64.0	64.2	64.5	64.7	65.0	66.4
≥ 800	40.1	47.4	50.2	52.8	59.8	61.0	64.0	65.0	67.5	68.4	68.4	68.5	68.9	69.0	69.4	70.8
≥ 700	40.4	48.7	52.1	54.7	62.2	63.5	66.7	68.0	70.7	71.5	71.5	71.7	72.0	72.2	72.5	73.9
≥ 600	40.8	49.4	53.3	56.2	64.2	65.5	68.9	70.5	73.4	74.3	74.3	74.4	74.8	74.9	75.3	76.7
≥ 500	41.1	49.7	53.6	56.7	65.4	67.0	71.0	73.2	76.3	77.5	77.5	77.7	78.0	78.2	78.8	80.3
≥ 400	41.1	49.8	53.7	56.8	66.2	67.9	72.0	74.7	78.2	79.8	79.8	79.9	80.3	80.5	81.3	83.1
≥ 300	41.1	49.9	53.8	56.9	66.4	68.2	72.9	76.4	80.8	83.3	83.6	83.9	84.4	84.8	85.8	87.9
≥ 200	41.1	49.9	53.8	56.9	66.4	68.2	73.0	76.5	81.0	84.1	84.8	85.3	86.0	87.1	88.8	94.0
≥ 100	41.1	49.9	53.8	56.9	66.4	68.2	73.0	76.5	81.0	84.4	85.1	85.6	86.4	87.9	90.1	100.0
≥ 0	41.1	49.9	53.8	56.9	66.4	68.2	73.0	76.5	81.0	84.4	85.1	85.6	86.4	87.9	90.1	100.0

TOTAL NUMBER OF OBSERVATIONS 801

USAF ETAC FORM 0-14-5 (OL A) JUL 68 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible]	BITBURG AB GL	73-81	NOV
STATION	STATION NAME	YEARS	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	≥¼	≥5/16	≥4	≥0
NO CEILING	11.4	13.2	13.5	13.5	15.8	16.0	16.1	16.4	16.4	16.5	16.5	16.5	16.5	16.6	16.8	17.6
≥ 20000	12.9	14.9	15.8	15.9	18.6	19.0	19.1	19.5	19.6	19.8	19.8	19.8	19.8	19.9	20.0	20.9
≥ 18000	13.1	15.0	15.9	16.1	18.9	19.3	19.5	19.9	20.0	20.1	20.1	20.1	20.1	20.2	20.4	21.2
≥ 16000	13.1	15.0	15.9	16.1	18.9	19.3	19.5	19.9	20.0	20.1	20.1	20.1	20.1	20.2	20.4	21.2
≥ 14000	13.2	15.2	16.1	16.3	19.0	19.4	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.5	20.6	21.5
≥ 12000	13.2	15.2	16.1	16.3	19.0	19.4	19.8	20.1	20.2	20.4	20.4	20.4	20.4	20.5	20.6	21.5
≥ 10000	13.5	15.7	16.5	16.8	19.6	20.0	20.5	21.0	21.1	21.2	21.2	21.2	21.2	21.4	21.5	22.4
≥ 9000	13.5	15.7	16.5	16.9	19.9	20.2	20.7	21.2	21.5	21.6	21.6	21.6	21.6	21.7	21.9	22.7
≥ 8000	14.7	16.8	17.8	18.1	21.1	21.5	22.0	22.6	22.9	23.0	23.0	23.0	23.0	23.1	23.2	24.1
≥ 7000	15.2	17.3	18.3	18.6	21.6	22.0	22.5	23.1	23.4	23.5	23.5	23.5	23.5	23.6	23.7	24.6
≥ 6000	15.3	17.5	18.5	18.9	21.9	22.2	22.7	23.4	23.6	23.7	23.7	23.7	23.7	23.9	24.0	24.8
≥ 5000	15.3	17.6	18.6	19.0	22.1	22.5	23.0	23.6	23.9	24.0	24.0	24.0	24.0	24.1	24.2	25.1
≥ 4500	16.6	19.3	20.2	20.7	24.0	24.3	25.0	25.6	25.8	26.0	26.0	26.0	26.0	26.1	26.2	27.1
≥ 4000	18.8	21.5	22.6	23.1	26.5	26.8	27.5	28.1	28.3	28.4	28.4	28.4	28.4	28.6	28.7	29.6
≥ 3500	20.4	23.1	24.2	24.8	28.6	28.9	29.6	30.3	30.6	30.7	30.7	30.7	30.7	30.8	30.9	31.8
≥ 3000	23.0	25.8	27.1	27.8	31.9	32.3	33.0	33.8	34.0	34.2	34.2	34.2	34.2	34.3	34.4	35.3
≥ 2500	26.5	29.4	31.4	32.3	36.8	37.1	38.0	38.8	39.0	39.1	39.1	39.1	39.1	39.3	39.4	40.2
≥ 2000	33.8	36.9	39.1	40.0	45.0	45.3	46.3	47.3	47.6	47.7	47.7	47.7	47.7	47.8	48.0	48.8
≥ 1800	35.4	38.9	41.1	42.0	47.1	47.5	48.6	49.6	49.8	49.9	49.9	49.9	49.9	50.1	50.2	51.1
≥ 1500	40.4	44.6	47.2	48.2	53.7	54.3	55.4	56.9	57.1	57.4	57.4	57.4	57.4	57.5	57.6	58.5
≥ 1200	45.1	50.6	53.4	54.4	60.4	61.0	62.9	64.7	65.1	65.3	65.3	65.3	65.3	65.5	65.6	66.5
≥ 1000	47.7	53.9	56.9	58.0	64.5	65.2	67.1	68.9	69.4	69.7	69.7	69.7	69.7	69.8	69.9	70.8
≥ 900	47.8	54.2	57.1	58.4	65.1	65.8	67.7	69.6	70.1	70.3	70.3	70.3	70.3	70.4	70.6	71.4
≥ 800	49.4	56.7	59.3	60.7	68.2	69.1	71.3	73.5	74.2	74.4	74.4	74.4	74.4	74.5	74.7	75.5
≥ 700	50.2	57.6	61.2	62.9	71.3	72.3	74.5	77.1	77.9	78.1	78.1	78.1	78.3	78.4	78.5	79.4
≥ 600	50.7	58.3	61.9	63.5	72.7	73.8	76.1	79.1	79.9	80.2	80.4	80.5	80.6	80.7	80.9	81.7
≥ 500	50.7	58.4	62.0	64.2	74.5	75.9	78.9	82.4	83.2	84.0	84.1	84.2	84.3	84.5	84.7	85.6
≥ 400	50.7	58.5	62.1	64.3	74.8	76.3	79.8	83.7	84.8	86.0	86.2	86.3	86.5	86.6	86.8	87.7
≥ 300	50.7	58.5	62.1	64.3	74.8	76.4	79.9	84.1	86.3	88.7	89.2	89.4	89.8	90.6	91.1	91.9
≥ 200	50.7	58.5	62.1	64.3	74.8	76.4	79.9	84.2	86.5	89.2	90.1	90.7	91.7	93.2	94.0	96.3
≥ 100	50.7	58.5	62.1	64.3	74.8	76.4	79.9	84.2	86.5	89.2	90.1	90.7	91.7	93.4	94.5	100.0
≥ 0	50.7	58.5	62.1	64.3	74.8	76.4	79.9	84.2	86.5	89.2	90.1	90.7	91.7	93.4	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 805

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) NOV (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.5	16.3	16.6	17.3	18.4	18.4	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	19.3
≥ 20000	17.2	19.1	19.7	20.7	22.4	22.4	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.8
≥ 18000	17.9	19.1	19.7	20.7	22.4	22.4	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.8
≥ 6000	17.2	19.1	19.7	20.7	22.4	22.4	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.8
≥ 14000	17.9	19.1	19.7	20.7	22.4	22.4	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.8
≥ 12000	18.1	19.3	20.0	21.0	22.8	22.8	23.1	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.5	24.1
≥ 10000	18.8	20.0	20.8	22.0	24.1	24.1	24.6	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.6
≥ 9000	19.4	20.8	21.5	22.8	24.9	24.9	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	26.4
≥ 8000	20.7	22.4	23.3	24.5	26.7	26.9	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.7	27.7	28.3
≥ 7000	20.7	22.4	23.4	24.6	26.9	27.0	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.8	27.8	28.5
≥ 6000	20.8	22.5	23.5	24.8	27.0	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.6
≥ 5000	21.4	23.1	24.1	25.4	28.1	28.2	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.2	29.8
≥ 4500	22.1	23.8	24.9	26.1	29.5	29.6	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.6	30.6	31.2
≥ 4000	24.6	27.1	28.2	29.5	32.8	32.9	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	34.5
≥ 3500	27.8	30.6	31.7	32.9	36.5	36.6	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	38.2
≥ 3000	31.9	34.5	35.9	37.3	41.0	41.1	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	43.1
≥ 2500	36.6	40.3	42.0	43.4	47.3	47.4	48.0	48.6	48.6	48.6	48.6	48.6	48.6	48.8	48.8	49.4
≥ 2000	43.7	47.8	49.6	51.4	55.6	55.7	56.3	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.7
≥ 1800	45.3	49.6	51.5	53.2	57.4	57.5	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.5
≥ 1500	51.4	57.4	59.9	62.3	67.7	67.8	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.8
≥ 1200	54.7	62.9	65.7	68.1	74.0	74.1	74.9	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	76.4
≥ 1000	55.4	64.0	67.0	69.6	76.0	76.2	77.5	78.3	78.3	78.5	78.5	78.5	78.5	78.6	78.6	79.2
≥ 900	55.4	64.1	67.3	69.9	77.0	77.2	78.7	79.7	79.7	79.8	79.8	79.8	79.8	80.0	80.0	80.6
≥ 800	56.2	65.1	68.7	71.4	79.0	79.2	80.9	82.3	82.3	82.5	82.5	82.5	82.5	82.7	82.7	83.3
≥ 700	56.4	65.5	69.1	72.0	79.7	80.0	82.2	83.9	83.9	84.3	84.3	84.3	84.3	84.4	84.4	85.0
≥ 600	56.7	66.0	69.6	72.6	80.4	80.8	83.3	85.0	85.0	85.5	85.5	85.5	85.5	85.6	85.6	86.3
≥ 500	56.7	66.1	69.7	72.8	80.7	81.1	84.0	86.5	86.6	87.4	87.4	87.4	87.4	87.5	87.5	88.1
≥ 400	56.8	66.5	70.0	73.1	81.4	81.8	84.9	87.7	87.9	89.0	89.0	89.0	89.0	89.1	89.1	89.7
≥ 300	56.8	66.5	70.0	73.1	81.4	82.1	85.5	89.0	89.9	91.7	92.0	92.2	92.2	92.6	92.7	93.4
≥ 200	56.8	66.5	70.0	73.1	81.6	82.2	85.6	89.1	90.2	92.8	93.2	93.4	93.8	94.6	95.0	96.4
≥ 100	56.8	66.5	70.0	73.1	81.6	82.2	85.6	89.1	90.2	93.2	93.6	93.8	94.3	95.0	96.0	100.0
≥ 0	56.8	66.5	70.0	73.1	81.6	82.2	85.6	89.1	90.2	93.2	93.6	93.8	94.3	95.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.0	BITBURG AB DL	73-81	NOV
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.5	18.9	19.7	20.1	21.5	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.2	22.5
≥ 20000	19.7	21.5	22.5	23.0	25.1	25.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.1	26.6
≥ 18000	20.0	21.7	22.7	23.2	25.3	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.9
≥ 16000	20.0	21.7	22.7	23.2	25.3	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.9
≥ 14000	20.3	21.7	22.7	23.2	25.3	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.9
≥ 12000	20.3	22.1	23.1	23.6	25.7	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	27.3
≥ 10000	21.5	23.2	24.2	24.7	26.8	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.9	27.9	28.4
≥ 9000	22.8	24.6	25.6	26.1	28.2	28.8	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.8
≥ 8000	23.9	25.9	26.9	27.4	29.7	30.3	30.9	30.9	31.0	31.0	31.0	31.0	31.1	31.3	31.3	31.8
≥ 7000	24.3	26.3	27.3	27.8	30.0	30.6	31.3	31.3	31.4	31.4	31.4	31.4	31.5	31.6	31.6	32.1
≥ 6000	24.4	26.4	27.4	27.9	30.1	30.8	31.4	31.4	31.5	31.5	31.5	31.5	31.6	31.8	31.8	32.3
≥ 5000	25.9	27.8	28.8	29.3	31.5	32.1	32.8	33.0	33.1	33.1	33.1	33.1	33.3	33.4	33.4	33.9
≥ 4500	28.2	30.1	31.1	32.1	34.9	35.5	36.2	36.5	36.8	36.8	36.8	36.8	37.0	37.1	37.1	37.6
≥ 4000	30.1	32.8	34.0	35.2	38.3	39.0	39.7	40.0	40.3	40.3	40.3	40.3	40.4	40.6	40.6	41.1
≥ 3500	34.0	37.1	38.3	39.7	43.1	43.7	44.4	44.7	45.0	45.0	45.0	45.0	45.2	45.3	45.3	45.8
≥ 3000	37.3	40.8	42.1	43.7	47.5	48.1	48.9	49.1	49.5	49.5	49.5	49.5	49.6	49.8	49.8	50.2
≥ 2500	40.8	44.9	46.4	48.0	52.2	53.0	53.7	54.0	54.3	54.3	54.3	54.3	54.5	54.6	54.6	55.1
≥ 2000	45.8	51.4	53.1	55.0	59.8	60.7	61.5	62.2	62.5	62.5	62.5	62.5	62.7	62.8	62.8	63.3
≥ 1800	46.7	52.2	54.0	56.1	61.2	62.0	62.9	63.5	63.9	63.9	63.9	63.9	64.0	64.1	64.1	64.6
≥ 1500	49.9	56.7	58.6	60.8	66.3	67.1	68.1	68.9	69.2	69.2	69.2	69.2	69.4	69.5	69.5	70.0
≥ 1200	52.3	59.6	61.9	64.3	70.3	71.2	72.3	73.3	73.7	73.7	73.7	73.7	73.8	73.9	73.9	74.4
≥ 1000	53.1	61.0	63.9	66.5	73.1	73.9	75.2	76.4	76.8	76.8	76.8	76.8	76.9	77.0	77.0	77.5
≥ 900	53.2	61.3	64.3	66.9	73.4	74.3	75.6	76.8	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.9
≥ 800	54.2	62.3	65.8	68.4	75.3	76.3	77.9	79.4	79.8	79.8	79.8	79.8	79.9	80.0	80.0	80.5
≥ 700	55.3	63.4	67.1	69.9	77.4	78.4	80.1	81.6	82.0	82.0	82.0	82.1	82.3	82.4	82.4	82.9
≥ 600	55.1	63.5	67.2	70.8	78.7	79.8	81.8	83.4	84.0	84.1	84.1	84.2	84.4	84.5	84.5	85.0
≥ 500	55.6	64.1	68.0	71.8	80.3	81.5	83.6	85.4	86.1	86.2	86.2	86.5	86.6	86.7	86.7	87.3
≥ 400	55.7	64.3	68.2	72.1	81.3	83.0	85.5	87.2	88.6	88.8	88.8	89.1	89.2	89.3	89.3	90.0
≥ 300	55.7	64.3	68.2	72.2	81.8	83.5	86.0	88.6	90.1	90.4	90.4	90.8	91.1	91.3	91.7	92.4
≥ 200	55.7	64.3	68.2	72.2	81.8	83.5	86.2	89.1	90.9	91.9	92.1	92.4	92.9	93.8	94.7	96.2
≥ 100	55.7	64.3	68.2	72.2	81.8	83.5	86.2	89.1	91.1	92.1	92.2	92.7	93.2	94.5	95.7	99.9
≥ 0	55.7	64.3	68.2	72.2	81.8	83.5	86.2	89.1	91.1	92.1	92.2	92.7	93.2	94.5	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 806

SECRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]170	BITBURG AB GL	73-81	NOV

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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	22.0	22.0	22.4	24.1	24.4	24.8	25.0	25.1	25.1	25.2	25.4	25.6	25.6	25.6	26.1
≥ 20000	22.5	24.4	24.4	24.8	26.5	26.7	27.1	27.4	27.5	27.5	27.6	27.7	28.0	28.0	28.0	28.5
≥ 18000	22.6	24.5	24.5	24.9	26.6	26.9	27.2	27.5	27.6	27.6	27.7	27.9	28.1	28.1	28.1	28.6
≥ 16000	22.6	24.5	24.5	24.9	26.6	26.9	27.2	27.5	27.6	27.6	27.7	27.9	28.1	28.1	28.1	28.6
≥ 14000	22.6	24.5	24.5	24.9	26.6	26.9	27.2	27.5	27.6	27.6	27.7	27.9	28.1	28.1	28.1	28.6
≥ 12000	22.6	24.5	24.5	24.9	26.6	26.9	27.2	27.5	27.6	27.6	27.7	27.9	28.1	28.1	28.1	28.6
≥ 10000	23.3	25.1	25.1	25.5	27.5	27.7	28.1	28.4	28.5	28.5	28.6	28.7	29.0	29.0	29.0	29.5
≥ 9000	24.0	25.9	25.9	26.2	28.2	28.5	28.9	29.1	29.2	29.2	29.4	29.5	29.7	29.7	29.7	30.2
≥ 8000	25.4	27.4	27.4	27.7	30.1	30.6	31.1	31.3	31.5	31.5	31.6	31.7	32.0	32.0	32.0	32.5
≥ 7000	25.4	27.4	27.4	27.7	30.1	30.6	31.1	31.3	31.5	31.5	31.6	31.7	32.0	32.0	32.0	32.5
≥ 6000	26.0	28.0	28.0	28.4	30.7	31.2	31.7	32.0	32.1	32.1	32.2	32.3	32.6	32.6	32.6	33.1
≥ 5000	28.1	30.0	30.2	30.6	33.1	33.6	34.2	34.5	34.6	34.6	34.7	34.8	35.1	35.1	35.1	35.6
≥ 4500	31.2	33.2	33.5	34.1	36.7	37.2	37.8	38.1	38.2	38.3	38.4	38.6	38.8	38.8	38.8	39.3
≥ 4000	33.5	35.4	35.7	36.3	39.3	39.8	40.4	40.7	40.8	41.2	41.3	41.4	41.7	41.7	41.7	42.2
≥ 3500	36.1	38.1	38.3	39.1	42.2	42.7	43.3	43.5	43.7	44.0	44.2	44.3	44.5	44.5	44.5	45.0
≥ 3000	39.3	41.5	41.9	43.3	46.5	47.0	47.6	47.9	48.0	48.4	48.5	48.6	48.9	48.9	48.9	49.4
≥ 2500	41.8	44.7	45.3	46.4	50.6	51.2	51.9	52.1	52.2	52.6	52.7	52.9	53.1	53.1	53.1	53.6
≥ 2000	46.5	49.8	50.2	51.6	56.6	57.2	57.8	58.1	58.2	58.6	58.7	58.8	59.1	59.1	59.1	59.6
≥ 1800	47.8	51.1	51.6	53.2	58.3	59.0	59.6	59.8	60.0	60.3	60.4	60.6	60.8	60.8	60.8	61.3
≥ 1500	53.1	57.0	57.5	59.6	64.9	65.9	66.7	66.9	67.2	67.5	67.7	67.8	68.0	68.0	68.0	68.7
≥ 1200	56.2	60.7	61.3	64.2	70.0	71.0	71.8	72.0	72.3	72.6	72.8	72.9	73.1	73.1	73.1	73.8
≥ 1000	57.5	62.4	63.3	66.3	72.3	73.3	74.0	74.4	74.6	75.1	75.2	75.4	75.6	75.6	75.6	76.2
≥ 900	58.2	63.4	64.3	67.3	73.4	74.4	75.1	75.5	75.7	76.2	76.4	76.5	76.7	76.7	76.7	77.4
≥ 800	59.2	64.7	65.9	68.9	75.1	76.1	77.1	77.6	77.9	78.4	78.5	78.6	78.9	78.9	78.9	79.5
≥ 700	61.7	67.3	69.0	72.5	79.7	80.8	81.8	82.8	83.2	83.7	83.8	84.0	84.2	84.2	84.2	84.8
≥ 600	61.8	67.4	69.3	73.0	80.6	81.7	83.1	84.3	84.7	85.2	85.3	85.4	85.7	85.7	85.7	86.3
≥ 500	62.1	67.7	69.7	73.6	81.5	82.6	84.5	86.2	86.9	87.4	87.6	87.7	87.9	87.9	87.9	88.6
≥ 400	62.1	67.7	69.7	73.6	81.6	82.8	84.8	86.6	87.9	88.4	88.6	88.8	89.1	89.1	89.1	89.7
≥ 300	62.1	67.7	69.7	73.6	81.8	83.3	85.4	87.6	89.2	89.8	89.9	90.2	90.4	90.4	90.5	91.8
≥ 200	62.1	67.7	69.7	73.6	81.8	83.5	85.6	87.9	89.8	90.8	90.9	91.2	91.8	92.2	92.8	95.8
≥ 100	62.1	67.7	69.7	73.6	81.8	83.5	85.6	87.9	90.3	91.4	91.5	91.8	92.4	92.8	93.9	99.8
≥ 0	62.1	67.7	69.7	73.6	81.8	83.5	85.6	87.9	90.3	91.4	91.5	91.8	92.4	92.8	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 804

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1130	BITBURG AB DL	73-81	NOV
STATION	STATION NAME	YEARS	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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.3	16.4	16.9	17.3	18.8	19.0	19.6	19.8	20.0	20.1	20.1	20.1	20.2	20.3	20.4	21.1
≥ 20000	16.7	18.3	19.0	19.5	21.3	21.6	22.2	22.6	22.8	22.9	23.0	23.0	23.0	23.2	23.2	24.0
≥ 18000	16.7	18.4	19.1	19.6	21.3	21.7	22.3	22.7	22.9	23.0	23.1	23.1	23.1	23.3	23.4	24.1
≥ 16000	16.7	18.4	19.1	19.6	21.3	21.7	22.3	22.7	22.9	23.0	23.1	23.1	23.1	23.3	23.4	24.1
≥ 14000	16.7	18.4	19.1	19.6	21.4	21.7	22.4	22.7	22.9	23.0	23.1	23.1	23.2	23.3	23.4	24.2
≥ 12000	16.8	18.6	19.3	19.8	21.5	21.9	22.5	22.9	23.1	23.2	23.3	23.3	23.4	23.5	23.6	24.3
≥ 10000	17.4	19.2	19.9	20.4	22.3	22.6	23.4	23.8	24.0	24.1	24.2	24.2	24.3	24.4	24.5	25.3
≥ 9000	18.3	19.8	20.5	21.1	23.0	23.4	24.1	24.5	24.7	24.9	24.9	25.0	25.0	25.2	25.3	26.1
≥ 8000	19.0	21.1	21.8	22.4	24.5	24.9	25.7	26.2	26.4	26.6	26.6	26.7	26.8	26.9	27.0	27.8
≥ 7000	19.2	21.2	22.0	22.6	24.7	25.1	25.9	26.3	26.6	26.8	26.8	26.9	26.9	27.1	27.2	28.0
≥ 6000	19.4	21.4	22.2	22.8	24.8	25.3	26.1	26.5	26.8	26.9	27.0	27.0	27.1	27.3	27.4	28.2
≥ 5000	20.5	22.6	23.4	24.0	26.2	26.7	27.6	28.0	28.3	28.5	28.5	28.5	28.6	28.8	28.9	29.7
≥ 4500	22.5	24.8	25.7	26.5	28.9	29.4	30.4	30.9	31.2	31.4	31.4	31.5	31.6	31.7	31.8	32.6
≥ 4000	24.9	27.5	28.5	29.4	32.0	32.5	33.6	34.1	34.5	34.7	34.8	34.8	34.9	35.0	35.1	36.0
≥ 3500	27.1	29.9	30.9	31.8	34.6	35.1	36.2	36.8	37.2	37.4	37.5	37.5	37.6	37.7	37.8	38.7
≥ 3000	30.0	33.1	34.2	35.3	38.4	38.9	40.1	40.7	41.1	41.4	41.4	41.5	41.6	41.7	41.8	42.6
≥ 2500	32.9	36.4	37.8	39.0	42.5	43.1	44.2	44.9	45.3	45.6	45.6	45.7	45.8	45.9	46.0	46.8
≥ 2000	38.7	42.1	43.7	45.1	49.1	49.8	51.0	51.7	52.2	52.5	52.6	52.6	52.8	52.9	53.0	53.8
≥ 1800	39.2	43.5	45.1	46.7	50.8	51.4	52.8	53.5	54.0	54.3	54.4	54.5	54.6	54.7	54.8	55.6
≥ 1500	44.2	49.3	51.2	53.0	57.6	58.5	60.0	61.0	61.5	61.8	61.9	62.0	62.1	62.3	62.4	63.2
≥ 1200	47.6	53.5	55.6	57.6	62.8	63.7	65.4	66.5	67.1	67.4	67.5	67.6	67.7	67.8	68.0	68.8
≥ 1000	49.5	56.1	58.3	60.5	66.2	67.1	69.1	70.2	70.8	71.2	71.3	71.4	71.5	71.6	71.7	72.6
≥ 900	49.9	56.7	59.1	61.4	67.2	68.2	70.1	71.3	72.0	72.3	72.4	72.5	72.6	72.7	72.9	73.7
≥ 800	51.1	58.3	61.0	63.4	69.6	70.6	72.9	74.2	74.8	75.2	75.3	75.4	75.5	75.7	75.8	76.7
≥ 700	52.2	59.7	62.6	65.4	72.2	73.3	75.7	77.3	78.1	78.5	78.6	78.7	78.8	78.9	79.1	80.0
≥ 600	52.6	60.4	63.4	66.5	73.7	74.8	77.6	79.4	80.3	80.8	80.9	81.0	81.1	81.3	81.4	82.3
≥ 500	52.8	60.6	63.8	67.2	75.1	76.4	79.6	81.8	82.9	83.5	83.7	83.8	83.9	84.1	84.3	85.2
≥ 400	52.8	60.8	64.0	67.4	75.9	77.4	80.8	83.3	84.6	85.5	85.6	85.8	85.9	86.1	86.4	87.3
≥ 300	52.8	60.8	64.0	67.5	76.2	77.8	81.5	84.5	86.4	87.8	88.1	88.4	88.6	89.1	89.6	90.7
≥ 200	52.8	60.8	64.0	67.5	76.2	77.8	81.7	84.9	87.1	89.1	89.5	89.8	90.3	91.4	92.2	94.9
≥ 100	52.8	60.8	64.0	67.5	76.2	77.8	81.7	84.9	87.2	89.4	89.8	90.3	90.8	92.2	93.8	99.9
≥ 0	52.8	60.8	64.0	67.5	76.2	77.8	81.7	84.9	87.2	89.4	89.8	90.3	90.8	92.2	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) DEC (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	12.9	15.4	15.8	15.9	17.1	17.4	18.6	18.8	18.9	19.1	19.1	19.1	19.1	19.5	19.7	20.4
≥ 20000	13.8	16.9	17.2	17.4	18.6	18.9	20.5	20.8	20.9	21.0	21.0	21.0	21.0	21.5	21.6	22.3
≥ 18000	13.9	16.9	17.2	17.4	18.6	18.9	20.5	20.8	20.9	21.0	21.0	21.0	21.0	21.5	21.6	22.3
≥ 16000	13.8	16.9	17.2	17.4	18.6	18.9	20.5	20.8	20.9	21.0	21.0	21.0	21.0	21.5	21.6	22.3
≥ 14000	13.8	16.9	17.2	17.4	18.6	18.9	20.5	20.8	20.9	21.0	21.0	21.0	21.0	21.5	21.6	22.3
≥ 12000	13.8	16.9	17.2	17.4	18.6	18.9	20.5	20.8	20.9	21.0	21.0	21.0	21.0	21.5	21.6	22.3
≥ 10000	14.6	17.6	18.1	18.2	19.5	19.9	21.5	21.7	21.8	22.0	22.0	22.0	22.0	22.5	22.6	23.3
≥ 9000	15.5	18.6	19.1	19.2	20.5	20.9	22.5	22.7	22.8	22.9	22.9	22.9	22.9	23.4	23.5	24.3
≥ 8000	16.3	19.3	20.0	20.1	21.8	22.2	23.8	24.0	24.2	24.3	24.3	24.3	24.3	24.8	24.9	25.6
≥ 7000	16.3	19.3	20.0	20.1	21.8	22.2	23.8	24.0	24.2	24.3	24.3	24.3	24.3	24.8	24.9	25.6
≥ 6000	16.5	19.5	20.3	20.4	22.1	22.5	24.0	24.3	24.4	24.5	24.5	24.5	24.5	25.0	25.1	25.8
≥ 5000	16.9	20.0	20.8	20.9	22.6	22.9	24.5	24.8	24.9	25.0	25.0	25.0	25.0	25.5	25.6	26.3
≥ 4500	19.3	22.6	23.3	23.4	25.1	25.7	27.3	27.5	27.7	27.8	27.8	27.8	27.8	28.3	28.4	29.1
≥ 4000	21.1	24.4	25.1	25.4	27.1	27.7	29.2	29.5	29.6	29.7	29.7	29.7	29.7	30.2	30.3	31.1
≥ 3500	23.2	26.5	27.2	27.4	29.4	30.1	31.7	32.0	32.2	32.3	32.3	32.3	32.3	32.8	32.9	33.6
≥ 3000	26.0	29.4	30.1	30.6	32.6	33.4	35.0	35.4	35.6	35.7	35.7	35.8	35.8	36.3	36.4	37.1
≥ 2500	29.0	32.6	33.5	34.1	36.7	37.4	39.0	39.4	39.6	39.7	39.7	39.8	39.8	40.3	40.4	41.1
≥ 2000	32.6	36.9	37.9	38.5	41.1	41.9	43.6	44.1	44.2	44.3	44.3	44.4	44.4	44.9	45.0	45.8
≥ 1800	33.7	38.0	39.0	39.7	42.4	43.1	44.9	45.4	45.5	45.6	45.6	45.8	45.8	46.2	46.4	47.1
≥ 1500	38.6	43.8	45.0	45.8	48.4	49.2	51.1	51.6	51.7	51.8	51.8	51.9	51.9	52.4	52.5	53.3
≥ 1200	43.3	49.3	50.7	51.7	54.7	55.5	57.4	57.9	58.0	58.1	58.1	58.3	58.3	58.7	58.9	59.6	
≥ 1000	46.2	52.5	54.1	55.3	59.0	60.1	62.0	62.5	62.7	62.9	62.9	63.0	63.0	63.5	63.6	64.3
≥ 900	46.7	53.0	54.6	55.8	59.5	60.6	62.5	63.0	63.3	63.5	63.5	63.6	63.6	64.1	64.2	64.9
≥ 800	48.3	55.0	57.2	58.7	62.7	64.0	65.9	66.5	67.0	67.1	67.1	67.2	67.2	67.7	67.8	68.6
≥ 700	49.3	57.3	59.6	61.2	65.8	67.4	69.4	70.1	70.8	71.1	71.1	71.2	71.2	71.7	71.8	72.6
≥ 600	49.8	58.3	60.8	62.5	67.5	69.1	71.4	72.2	73.3	73.8	73.8	73.9	73.9	74.4	74.5	75.2
≥ 500	50.6	59.1	61.9	64.1	70.3	71.8	74.6	76.0	77.1	77.5	77.5	77.7	77.7	78.2	78.3	79.0
≥ 400	50.7	59.7	62.5	64.7	71.7	73.3	76.6	78.9	80.5	81.1	81.1	81.2	81.2	81.7	81.8	82.5
≥ 300	50.7	59.8	62.7	64.9	72.3	74.0	78.4	82.0	84.3	85.7	85.9	86.2	86.4	87.0	87.1	88.0
≥ 200	50.7	59.8	62.7	64.9	72.6	74.3	78.6	82.5	85.2	87.9	88.3	88.7	89.3	90.3	90.8	92.5
≥ 100	50.7	59.8	62.7	64.9	72.7	74.4	78.8	82.8	85.8	89.2	89.9	90.4	91.0	93.6	94.7	99.8
≥ 0	50.7	59.8	62.7	64.9	72.7	74.4	78.8	82.8	85.8	89.2	89.9	90.4	91.0	93.7	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 0 | BITBURG AB DL | 73-81 | DEC

STATION | STATION NAME | YEARS | 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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	10.3	12.5	13.5	13.8	15.8	16.0	16.9	17.2	17.4	17.5	17.5	17.6	18.0	18.3	18.6	18.8
≥ 20000	11.3	14.4	15.5	15.9	18.	18.2	19.1	19.4	19.5	19.7	19.7	19.8	20.1	20.5	20.8	21.0
≥ 18000	11.4	14.6	15.7	16.0	18.1	18.3	19.2	19.5	19.7	19.8	19.8	19.9	20.3	20.6	20.9	21.1
≥ 16000	11.4	14.6	15.7	16.0	18.1	18.3	19.2	19.5	19.7	19.8	19.8	19.9	20.3	20.6	20.9	21.1
≥ 14000	11.4	14.6	15.7	16.0	18.1	18.3	19.2	19.5	19.7	19.8	19.8	19.9	20.3	20.6	20.9	21.1
≥ 12000	11.4	14.7	15.8	16.1	18.2	18.4	19.3	19.7	19.8	19.9	19.9	20.0	20.4	20.8	21.0	21.2
≥ 10000	11.5	14.8	15.9	16.3	18.4	18.7	19.5	19.9	20.0	20.1	20.1	20.3	20.6	21.0	21.2	21.5
≥ 9000	11.9	15.2	16.3	16.9	19.1	19.3	20.1	20.5	20.6	20.8	20.8	20.9	21.2	21.6	21.8	22.1
≥ 8000	12.9	16.4	17.5	18.1	20.4	20.6	21.5	21.8	22.0	22.1	22.1	22.2	22.6	22.9	23.2	23.4
≥ 7000	12.9	16.4	17.5	18.1	20.4	20.6	21.5	21.8	22.0	22.1	22.1	22.2	22.6	22.9	23.2	23.4
≥ 6000	12.9	16.4	17.5	18.1	20.4	20.6	21.5	21.8	22.0	22.1	22.1	22.2	22.6	22.9	23.2	23.4
≥ 5000	13.6	17.1	18.2	18.8	21.1	21.4	22.2	22.7	22.9	23.1	23.1	23.2	23.5	23.9	24.2	24.4
≥ 4500	16.4	20.0	21.1	21.8	24.2	25.0	25.8	26.3	26.7	26.8	26.8	26.9	27.3	27.7	27.9	28.2
≥ 4000	18.3	22.2	23.3	24.0	26.3	27.2	28.0	28.5	29.0	29.1	29.1	29.2	29.6	30.0	30.2	30.5
≥ 3500	19.9	23.9	25.0	25.7	28.4	29.2	30.1	30.6	31.1	31.2	31.2	31.3	31.7	32.0	32.3	32.5
≥ 3000	22.5	26.6	27.7	28.4	31.1	31.9	32.8	33.3	33.7	33.9	33.9	34.0	34.3	34.7	35.0	35.2
≥ 2500	24.2	29.0	30.1	31.2	34.0	34.8	35.7	36.2	36.7	36.8	36.8	36.9	37.3	37.6	37.9	38.1
≥ 2000	28.0	33.3	34.8	36.0	38.8	39.7	40.5	41.0	41.5	41.6	41.6	41.7	42.1	42.5	42.7	43.0
≥ 1800	29.2	34.5	36.0	37.4	40.2	41.0	41.9	42.5	43.1	43.4	43.4	43.6	43.9	44.3	44.5	44.8
≥ 1500	35.7	41.1	43.0	44.7	47.6	48.4	49.3	49.9	50.6	51.1	51.1	51.2	51.6	51.9	52.2	52.4
≥ 1200	42.7	47.9	50.0	52.2	55.3	56.2	57.0	57.6	58.6	59.1	59.1	59.2	59.6	60.0	60.2	60.4
≥ 1000	44.4	50.8	53.0	55.3	58.5	59.5	60.6	61.2	62.1	62.7	62.7	62.9	63.2	63.6	63.8	64.1
≥ 900	45.7	51.5	53.6	55.9	59.5	60.4	61.5	62.4	63.3	64.0	64.0	64.1	64.4	64.8	65.0	65.3
≥ 800	46.8	53.4	55.7	58.1	62.1	63.1	64.2	65.7	66.6	67.2	67.2	67.4	67.7	68.1	68.3	68.6
≥ 700	48.2	55.3	58.0	60.7	65.0	66.3	68.0	69.5	70.6	71.2	71.2	71.4	71.7	72.1	72.3	72.6
≥ 600	48.4	55.6	58.9	62.0	66.7	68.0	69.8	71.4	72.6	73.2	73.2	73.3	73.7	74.0	74.3	74.5
≥ 500	48.5	55.7	59.2	62.6	68.8	70.5	73.1	74.6	76.2	77.1	77.1	77.2	77.5	78.0	78.3	78.6
≥ 400	48.5	55.7	59.2	62.9	69.7	71.4	74.3	76.9	78.9	80.0	80.2	80.3	80.7	81.2	81.4	81.8
≥ 300	48.5	55.7	59.5	63.3	71.1	72.8	76.5	80.1	82.6	84.5	84.7	84.8	85.2	85.8	86.2	86.5
≥ 200	48.5	55.7	59.5	63.3	71.5	73.4	77.4	81.4	84.5	86.9	87.1	87.4	87.7	89.4	90.2	91.5
≥ 100	48.5	55.7	59.5	63.3	71.5	73.4	77.4	81.4	84.7	88.2	88.6	89.4	89.9	93.3	95.4	99.8
≥ 0	48.5	55.7	59.5	63.3	71.5	73.5	77.5	81.6	84.8	88.3	88.7	89.6	90.0	93.6	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

USAF ETAC FORM JUL 66 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
[illegible]100	BITBURG AB DL	73-81	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.1	10.2	11.4	12.4	13.8	14.3	14.8	15.2	15.2	15.4	15.4	15.4	15.4	15.6	15.8	16.2
≥ 20000	10.8	12.4	13.7	14.7	16.4	16.8	17.5	17.8	17.8	18.1	18.1	18.1	18.1	18.3	18.4	18.9
≥ 18000	10.9	12.5	13.8	14.8	16.5	17.0	17.6	17.9	17.9	18.2	18.2	18.2	18.2	18.4	18.5	19.0
≥ 16000	10.9	12.5	13.8	14.8	16.5	17.0	17.6	17.9	17.9	18.2	18.2	18.2	18.2	18.4	18.5	19.0
≥ 14000	10.9	12.5	13.8	14.8	16.5	17.0	17.6	17.9	17.9	18.2	18.2	18.2	18.2	18.4	18.5	19.0
≥ 12000	10.9	12.5	13.8	14.8	16.5	17.0	17.6	17.9	17.9	18.2	18.2	18.2	18.2	18.4	18.5	19.0
≥ 10000	10.9	12.5	13.8	14.8	16.6	17.1	17.7	18.1	18.1	18.3	18.3	18.3	18.3	18.5	18.7	19.2
≥ 9000	11.5	13.1	14.4	15.4	17.2	17.7	18.3	18.7	18.7	18.9	18.9	18.9	18.9	19.2	19.3	19.8
≥ 8000	12.4	14.1	15.5	16.7	18.8	19.3	19.9	20.2	20.2	20.5	20.5	20.5	20.5	20.7	20.8	21.3
≥ 7000	12.6	14.4	15.9	17.1	19.2	19.6	20.2	20.6	20.6	20.8	20.8	20.8	20.8	21.1	21.2	21.7
≥ 6000	12.6	14.4	15.9	17.1	19.2	19.6	20.2	20.6	20.6	20.8	20.8	20.8	20.8	21.1	21.2	21.7
≥ 5000	13.1	14.9	16.4	17.6	19.8	20.2	20.8	21.5	21.5	21.7	21.7	21.7	21.7	21.9	22.1	22.5
≥ 4500	14.9	16.8	18.3	19.5	21.7	22.4	23.2	23.9	24.0	24.4	24.5	24.5	24.5	24.7	24.8	25.3
≥ 4000	17.3	19.3	20.7	21.9	24.1	24.8	25.7	26.5	26.8	27.2	27.3	27.3	27.3	27.5	27.6	28.1
≥ 3500	19.4	21.3	22.8	24.0	26.2	27.2	28.1	29.0	29.3	29.7	29.8	29.8	29.8	30.1	30.2	30.7
≥ 3000	21.5	23.5	25.0	26.2	28.5	29.5	30.4	31.3	31.6	32.0	32.1	32.1	32.1	32.4	32.5	33.0
≥ 2500	22.7	24.8	26.3	27.6	30.4	31.4	32.5	33.3	33.7	34.1	34.2	34.2	34.2	34.4	34.7	35.2
≥ 2000	29.5	32.5	34.1	35.6	38.8	39.9	41.1	41.9	42.3	42.7	42.8	42.8	42.8	43.0	43.3	43.8
≥ 1800	30.9	34.2	35.9	37.6	41.0	42.1	43.4	44.2	44.6	45.1	45.2	45.2	45.2	45.6	45.8	46.3
≥ 1500	35.9	39.9	42.1	44.0	47.8	49.0	50.5	51.8	52.1	52.6	52.7	52.7	52.7	53.2	53.5	53.9
≥ 1200	40.1	44.8	47.0	49.7	53.9	55.2	57.0	58.3	58.7	59.3	59.4	59.4	59.4	59.9	60.1	60.6
≥ 1000	43.0	48.4	50.5	53.5	57.8	59.0	61.0	62.3	62.7	63.3	63.4	63.4	63.4	63.9	64.1	64.6
≥ 900	43.6	49.1	51.4	54.4	58.9	60.1	62.1	63.6	64.0	64.6	64.7	64.7	64.7	65.2	65.5	65.9
≥ 800	45.1	50.5	53.2	56.6	61.7	62.9	64.8	66.5	66.9	67.5	67.6	67.6	67.6	68.1	68.4	68.8
≥ 700	46.4	52.4	55.2	58.8	64.5	65.7	67.8	70.1	70.4	71.0	71.2	71.2	71.2	71.6	71.9	72.4
≥ 600	47.1	53.1	56.2	60.7	67.2	68.5	70.5	73.1	73.5	74.1	74.2	74.2	74.2	74.7	74.9	75.4
≥ 500	47.4	53.6	57.0	61.5	68.8	70.2	72.7	75.4	76.1	76.8	77.0	77.0	77.1	77.7	77.9	78.4
≥ 400	47.6	53.9	57.3	61.8	69.8	71.2	74.3	78.2	79.2	80.1	80.2	80.2	80.4	81.0	81.2	81.7
≥ 300	47.6	53.9	57.3	61.9	70.3	71.8	75.6	80.4	81.9	83.3	83.5	83.5	83.8	84.6	84.8	85.3
≥ 200	47.6	53.9	57.5	62.1	70.8	72.2	76.2	81.3	84.2	86.8	87.4	87.5	88.1	89.7	90.4	92.2
≥ 100	47.6	53.9	57.5	62.1	70.8	72.2	76.4	81.5	84.4	87.8	88.6	88.7	89.7	93.5	95.5	99.8
≥ 0	47.6	53.9	57.5	62.1	70.8	72.2	76.4	81.5	84.4	87.8	88.6	88.7	89.7	93.5	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7110	BITBURG AB GL	73-81	DEC
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	7.9	9.6	10.9	11.3	13.2	13.5	13.5	13.7	13.7	13.7	13.9	13.9	13.9	14.1	14.1	14.6
≥ 20000	9.3	11.2	12.8	13.2	15.8	16.2	16.3	16.5	16.6	16.6	16.8	16.8	16.8	17.0	17.1	17.6
≥ 18000	9.3	11.2	12.8	13.2	15.8	16.2	16.3	16.5	16.6	16.6	16.8	16.8	16.8	17.0	17.1	17.6
≥ 16000	9.3	11.2	12.8	13.2	15.8	16.2	16.3	16.5	16.6	16.6	16.8	16.8	16.8	17.0	17.1	17.6
≥ 14000	9.3	11.2	12.8	13.2	15.8	16.2	16.3	16.5	16.6	16.6	16.8	16.8	16.8	17.0	17.1	17.6
≥ 12000	9.4	11.4	13.0	13.5	16.0	16.4	16.5	16.8	16.9	16.9	17.0	17.0	17.1	17.4	17.5	18.0
≥ 10000	9.5	11.9	13.5	14.0	16.5	16.9	17.0	17.3	17.4	17.4	17.5	17.5	17.6	17.9	18.0	18.5
≥ 9000	9.7	12.2	14.0	14.6	17.1	17.5	17.6	17.9	18.0	18.0	18.1	18.1	18.2	18.5	18.6	19.1
≥ 8000	10.2	12.8	14.7	15.6	18.3	18.7	18.8	19.1	19.2	19.2	19.3	19.3	19.4	19.7	19.8	20.3
≥ 7000	10.6	13.1	15.1	15.9	18.8	19.2	19.3	19.7	19.8	19.8	19.9	19.9	20.0	20.3	20.4	20.9
≥ 6000	10.8	13.4	15.3	16.2	19.1	19.4	19.6	19.9	20.0	20.0	20.2	20.2	20.3	20.5	20.7	21.1
≥ 5000	11.3	13.9	16.0	16.9	19.9	20.3	20.4	20.9	21.1	21.1	21.3	21.3	21.4	21.6	21.7	22.2
≥ 4500	12.3	14.8	17.1	18.2	21.6	22.0	22.2	22.7	23.0	23.0	23.1	23.1	23.2	23.5	23.6	24.1
≥ 4000	12.9	15.7	18.0	19.1	22.5	22.8	23.2	23.7	24.1	24.1	24.2	24.2	24.3	24.5	24.7	25.2
≥ 3500	13.9	17.0	19.3	20.4	24.1	24.4	24.9	25.9	26.4	26.5	26.6	26.6	26.7	27.1	27.2	27.7
≥ 3000	16.2	20.2	22.6	23.9	27.7	28.2	28.7	29.6	30.1	30.3	30.4	30.4	30.5	30.9	31.0	31.5
≥ 2500	19.0	23.3	25.8	27.2	31.7	32.2	32.8	34.0	34.6	34.9	35.0	35.0	35.1	35.5	35.6	36.1
≥ 2000	23.9	29.2	31.8	33.5	38.3	38.9	40.1	41.6	42.3	42.9	43.0	43.0	43.4	43.7	44.0	44.5
≥ 1800	24.9	30.3	32.9	34.6	39.5	40.1	41.3	42.8	43.5	44.1	44.2	44.2	44.6	45.0	45.2	45.7
≥ 1500	29.9	36.3	39.1	40.8	46.5	47.3	48.8	50.3	51.0	51.9	52.0	52.0	52.4	52.7	53.0	53.5
≥ 1200	33.3	41.7	44.6	46.5	52.6	53.3	55.2	56.7	57.6	58.4	58.6	58.6	58.9	59.4	59.7	60.1
≥ 1000	36.5	45.6	49.0	51.0	57.4	58.1	60.0	61.6	62.5	63.4	63.5	63.5	63.9	64.4	64.6	65.1
≥ 900	36.5	45.7	49.1	51.3	57.8	58.6	60.5	62.1	62.9	63.9	64.0	64.0	64.4	64.9	65.1	65.6
≥ 800	38.2	47.6	51.3	53.6	60.6	61.4	63.4	65.0	65.9	66.8	67.0	67.0	67.3	67.8	68.0	68.5
≥ 700	39.2	49.3	53.5	56.1	63.4	64.3	66.7	68.4	69.5	70.7	70.8	70.8	71.2	71.7	71.9	72.4
≥ 600	39.6	49.7	53.8	56.5	64.4	65.2	67.9	70.0	71.1	72.7	72.8	72.8	73.1	73.6	74.0	74.5
≥ 500	40.1	50.4	54.6	57.2	66.0	67.0	70.6	73.0	74.2	76.3	76.4	76.4	77.2	77.6	78.0	78.5
≥ 400	40.3	50.8	54.9	57.6	66.7	67.7	71.9	74.7	76.2	78.6	78.7	78.7	79.6	80.1	80.4	80.9
≥ 300	40.5	51.0	55.2	57.8	67.2	68.2	72.9	76.8	79.1	82.6	83.0	83.1	84.0	84.4	84.9	85.5
≥ 200	40.5	51.0	55.2	57.8	67.2	68.2	73.1	77.9	81.2	86.4	87.2	87.7	88.9	90.8	92.1	94.5
≥ 100	40.5	51.0	55.2	57.8	67.2	68.2	73.3	78.0	81.3	86.6	87.7	88.6	89.9	92.6	94.8	99.6
≥ 0	40.5	51.0	55.2	57.8	67.2	68.2	73.3	78.0	81.3	86.6	87.7	88.6	89.9	92.6	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 823

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

CEILING VERSUS VISIBILITY

[illegible]/100 STATION | BITBURG 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.9	12.2	13.7	14.3	15.5	15.5	15.6	15.9	15.9	16.2	16.2	16.4	16.5	16.6	16.6	17.0
≥ 20000	11.8	14.7	16.4	17.2	18.5	18.5	18.7	18.9	18.9	19.3	19.3	19.4	19.5	19.6	19.6	20.0
≥ 18000	11.8	14.7	16.5	17.5	18.8	18.8	18.9	19.2	19.2	19.5	19.5	19.6	19.8	19.9	19.9	20.2
≥ 16000	11.8	14.7	16.5	17.5	18.8	18.8	18.9	19.2	19.2	19.5	19.5	19.6	19.8	19.9	19.9	20.2
≥ 14000	11.9	14.8	16.6	17.6	18.9	18.9	19.0	19.3	19.3	19.6	19.6	19.8	19.9	20.0	20.0	20.4
≥ 12000	11.9	14.8	16.6	17.6	18.9	18.9	19.0	19.3	19.3	19.6	19.6	19.8	19.9	20.0	20.0	20.4
≥ 10000	12.2	15.2	17.0	18.1	19.9	19.9	20.0	20.2	20.2	20.6	20.6	20.7	20.8	21.0	21.0	21.3
≥ 9000	12.5	15.5	17.3	18.4	20.2	20.2	20.4	20.6	20.6	21.0	21.0	21.1	21.2	21.3	21.3	21.7
≥ 8000	13.2	16.2	18.1	19.2	21.3	21.3	21.5	21.7	21.7	22.2	22.2	22.3	22.4	22.5	22.5	22.9
≥ 7000	13.2	16.2	18.1	19.2	21.3	21.3	21.5	21.7	21.7	22.2	22.2	22.3	22.4	22.5	22.5	22.9
≥ 6000	13.2	16.2	18.1	19.2	21.3	21.3	21.5	21.7	21.7	22.2	22.2	22.3	22.4	22.5	22.5	22.9
≥ 5000	13.5	16.5	18.3	19.4	21.6	21.6	21.7	22.1	22.1	22.7	22.7	22.8	22.9	23.0	23.0	23.4
≥ 4500	14.1	17.1	18.9	20.1	22.4	22.4	22.5	23.0	23.0	23.6	23.6	23.8	23.9	24.1	24.1	24.5
≥ 4000	14.3	18.1	19.9	21.1	23.5	23.5	23.6	24.2	24.4	25.0	25.0	25.1	25.2	25.5	25.5	25.8
≥ 3500	16.7	20.2	22.1	23.3	25.7	25.7	26.1	26.9	27.0	27.9	27.9	28.0	28.1	28.5	28.5	28.8
≥ 3000	18.2	22.3	24.1	25.3	28.1	28.1	28.8	29.7	29.8	30.7	30.7	30.8	30.9	31.3	31.3	31.6
≥ 2500	21.1	25.5	27.3	28.5	31.4	31.4	32.6	33.6	33.9	34.8	34.8	34.9	35.0	35.4	35.4	35.8
≥ 2000	26.1	31.8	33.8	35.6	39.0	39.2	41.1	42.3	42.9	44.2	44.2	44.4	44.5	44.8	44.8	45.2
≥ 1800	27.3	33.1	35.2	37.0	40.6	40.7	42.9	44.1	44.7	46.2	46.2	46.3	46.4	46.8	46.8	47.2
≥ 1500	32.7	39.6	41.9	44.1	48.0	48.1	50.5	52.2	52.8	54.4	54.4	54.5	54.7	55.0	55.2	55.5
≥ 1200	37.2	44.4	47.2	49.7	54.2	54.4	56.8	58.9	59.5	61.1	61.1	61.2	61.3	61.7	61.8	62.2
≥ 1000	39.8	47.3	50.2	52.8	57.7	58.1	61.2	63.4	64.1	65.7	65.7	65.8	65.9	66.3	66.4	66.8
≥ 900	40.0	47.5	50.4	53.2	58.3	58.7	61.8	64.0	64.7	66.3	66.3	66.4	66.5	66.9	67.0	67.4
≥ 800	41.5	49.1	52.1	54.9	60.4	60.8	64.1	66.3	67.2	68.7	68.7	68.8	69.0	69.3	69.5	69.8
≥ 700	41.9	49.7	53.2	56.2	63.0	63.5	66.9	69.6	70.5	72.1	72.1	72.2	72.4	72.7	72.8	73.2
≥ 600	42.5	50.5	54.1	57.6	65.2	65.8	69.7	73.0	74.3	76.2	76.2	76.4	76.5	76.8	77.0	77.3
≥ 500	42.7	50.7	54.2	57.9	66.9	67.9	73.1	76.8	78.5	81.3	81.3	81.8	81.9	82.3	82.4	82.8
≥ 400	42.8	50.9	54.5	58.3	68.2	69.2	74.7	79.2	81.5	84.2	84.2	84.7	84.8	85.2	85.3	85.7
≥ 300	42.8	50.9	54.5	58.3	68.2	69.2	75.9	81.3	83.8	88.0	88.6	89.2	89.5	90.1	90.2	90.8
≥ 200	42.8	50.9	54.5	58.3	68.2	69.2	75.9	81.3	84.0	90.4	91.5	92.4	92.8	94.1	94.5	96.0
≥ 100	42.8	50.9	54.5	58.3	68.2	69.2	75.9	81.3	84.0	90.5	91.6	92.7	93.6	95.2	95.9	99.6
≥ 0	42.8	50.9	54.5	58.4	68.4	69.3	76.0	81.5	84.1	90.7	91.8	92.8	93.7	95.3	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 825

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

1170 | BITBURG AB DL | 73-81 | DEC

STATION | STATION NAME | YEARS | 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.2	13.2	14.4	14.4	14.8	14.8	15.4	15.6	15.8	15.8	15.6	15.9	15.9	15.9	15.9	16.2
≥ 20000	13.3	15.8	17.0	17.0	18.1	18.1	19.0	19.5	19.7	19.9	19.9	20.0	20.0	20.0	20.0	20.4
≥ 18000	13.4	15.9	17.1	17.3	18.4	18.4	19.4	19.9	20.0	20.3	20.3	20.4	20.4	20.4	20.4	20.8
≥ 16000	13.4	15.9	17.1	17.3	18.4	18.4	19.4	19.9	20.0	20.3	20.3	20.4	20.4	20.4	20.4	20.8
≥ 14000	13.4	15.9	17.1	17.3	18.4	18.4	19.5	20.0	20.1	20.4	20.4	20.5	20.5	20.5	20.5	20.9
≥ 12000	13.6	16.0	17.2	17.5	18.6	18.6	19.7	20.1	20.3	20.5	20.5	20.6	20.6	20.6	20.6	21.0
≥ 10000	14.0	16.5	17.7	18.1	19.5	19.5	20.6	21.1	21.2	21.5	21.5	21.6	21.6	21.6	21.6	22.0
≥ 9000	14.4	16.8	18.1	18.6	20.0	20.1	21.2	21.7	22.0	22.2	22.2	22.3	22.3	22.3	22.3	22.7
≥ 8000	15.6	18.1	19.3	19.8	21.2	21.4	22.5	23.0	23.2	23.4	23.4	23.6	23.6	23.6	23.6	23.9
≥ 7000	15.6	18.1	19.3	19.8	21.2	21.4	22.5	23.0	23.2	23.4	23.4	23.6	23.6	23.6	23.6	23.9
≥ 6000	16.0	18.4	19.7	20.1	21.6	21.7	23.0	23.4	23.7	23.9	23.9	24.1	24.1	24.1	24.1	24.4
≥ 5000	16.7	19.4	20.6	21.1	22.7	22.8	24.1	24.5	24.8	25.0	25.0	25.2	25.2	25.2	25.2	25.5
≥ 4500	17.7	20.5	21.9	22.5	24.2	24.3	25.5	26.3	26.7	27.0	27.0	27.1	27.1	27.1	27.1	27.5
≥ 4000	19.2	22.0	23.4	24.3	26.1	26.3	27.7	28.4	28.9	29.2	29.2	29.3	29.3	29.3	29.3	29.7
≥ 3500	20.9	24.1	25.5	26.4	28.4	28.6	30.5	31.3	31.7	32.0	32.0	32.1	32.1	32.1	32.1	32.5
≥ 3000	23.7	27.4	28.8	29.8	32.1	32.4	34.4	35.3	35.8	36.0	36.0	36.1	36.1	36.1	36.1	36.5
≥ 2500	27.1	30.9	32.5	33.7	36.0	36.3	39.1	40.5	41.0	41.3	41.3	41.4	41.4	41.4	41.4	41.8
≥ 2000	31.9	36.0	37.9	39.2	41.9	42.2	45.3	46.8	47.4	47.7	47.9	48.0	48.0	48.0	48.0	48.4
≥ 1800	33.3	37.6	39.4	40.8	43.5	43.8	46.9	48.4	49.0	49.3	49.5	49.6	49.6	49.6	49.6	49.9
≥ 1500	39.2	44.8	46.9	48.6	52.1	52.5	55.6	57.1	58.0	58.5	58.6	58.7	58.7	58.7	58.7	59.1
≥ 1200	42.5	48.8	51.3	53.1	56.9	57.4	60.7	62.4	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.5
≥ 1000	44.2	51.6	54.6	56.5	60.8	61.3	64.7	66.5	67.5	68.3	68.5	68.6	68.6	68.6	68.6	69.0
≥ 900	44.7	52.1	55.6	57.5	61.9	62.4	65.8	67.8	68.7	69.5	69.7	69.8	69.8	69.8	69.8	70.2
≥ 800	45.9	53.7	57.4	59.7	64.5	65.0	68.5	70.6	72.0	73.4	73.6	73.7	73.7	73.9	73.9	74.2
≥ 700	46.6	54.7	58.5	61.1	66.5	67.0	70.9	73.1	75.0	76.6	76.9	77.0	77.0	77.2	77.2	77.7
≥ 600	47.1	55.4	59.5	62.3	68.1	68.7	72.9	75.7	77.8	79.5	79.9	80.0	80.0	80.1	80.1	80.6
≥ 500	47.3	55.7	59.8	62.6	69.4	70.2	74.8	77.9	80.2	82.4	82.9	83.3	83.5	83.6	83.6	84.1
≥ 400	47.3	55.7	59.8	62.6	69.5	70.7	75.9	80.1	82.8	85.6	86.1	86.4	86.7	86.8	86.8	87.3
≥ 300	47.3	55.7	59.8	62.6	69.6	71.1	76.7	81.1	84.2	88.5	89.0	89.4	89.6	89.7	89.7	90.5
≥ 200	47.3	55.7	59.8	62.6	69.6	71.1	76.7	81.4	84.9	90.1	91.2	91.6	92.1	93.2	93.4	94.9
≥ 100	47.3	55.7	59.8	62.6	69.6	71.1	76.7	81.6	85.0	90.6	91.9	92.6	93.2	94.7	95.7	100.0
≥ 0	47.3	55.7	59.8	62.6	69.6	71.1	76.7	81.6	85.0	90.6	91.9	92.6	93.2	94.7	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 819

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1100	BITBURG AB DL	73-81	DEC
STATION	STATION NAME	YEARS	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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.4	13.3	13.5	13.7	14.5	14.5	14.7	15.2	15.5	15.6	15.6	15.6	15.7	15.7	15.8	16.1
≥ 20000	12.9	15.2	15.5	16.0	16.9	17.2	17.9	18.4	18.7	18.8	18.8	18.8	18.9	18.9	19.0	19.3
≥ 18000	13.1	15.5	15.7	16.2	17.3	17.5	18.3	18.8	19.0	19.1	19.1	19.1	19.3	19.3	19.4	19.6
≥ 16000	13.1	15.5	15.7	16.2	17.3	17.5	18.3	18.8	19.0	19.1	19.1	19.1	19.3	19.3	19.4	19.6
≥ 14000	13.1	15.5	15.7	16.3	17.4	17.7	18.4	18.9	19.1	19.3	19.3	19.3	19.4	19.4	19.5	19.8
≥ 12000	13.3	15.6	15.8	16.4	17.5	17.8	18.5	19.0	19.3	19.4	19.4	19.4	19.5	19.5	19.6	19.9
≥ 10000	14.1	16.6	17.2	17.8	19.4	19.8	20.5	21.0	21.2	21.3	21.3	21.3	21.5	21.5	21.6	21.8
≥ 9000	14.6	17.1	17.8	18.4	20.0	20.4	21.1	21.6	22.2	22.3	22.3	22.3	22.5	22.5	22.6	22.8
≥ 8000	16.6	19.4	20.2	20.9	22.5	22.8	23.6	24.0	24.7	24.8	24.8	24.8	24.9	24.9	25.0	25.3
≥ 7000	16.8	19.6	20.5	21.1	22.7	23.1	23.8	24.3	24.9	25.0	25.0	25.0	25.2	25.2	25.3	25.5
≥ 6000	16.8	19.6	20.5	21.1	22.7	23.1	23.8	24.3	24.9	25.0	25.0	25.0	25.2	25.2	25.3	25.5
≥ 5000	16.9	19.8	20.6	21.2	23.3	23.7	24.4	24.9	25.5	25.6	25.6	25.6	25.8	25.8	25.9	26.1
≥ 4500	18.5	21.6	22.5	23.2	25.3	25.6	26.4	27.0	27.7	28.1	28.1	28.1	28.2	28.2	28.3	28.6
≥ 4000	20.5	23.9	24.9	25.6	27.7	28.2	29.0	29.7	30.4	30.8	30.8	30.8	30.9	30.9	31.0	31.3
≥ 3500	22.7	26.7	27.9	28.6	30.9	31.4	32.5	33.3	34.0	34.4	34.4	34.4	34.5	34.5	34.6	34.8
≥ 3000	25.2	29.3	30.4	31.7	34.5	35.0	36.3	37.3	38.0	38.4	38.4	38.4	38.5	38.5	38.7	38.9
≥ 2500	27.5	31.8	32.9	34.7	37.8	38.3	39.6	40.7	41.5	41.8	41.8	41.8	42.0	42.0	42.1	42.3
≥ 2000	34.2	39.3	40.4	42.2	45.4	45.9	47.6	48.8	49.6	49.9	49.9	49.9	50.1	50.1	50.2	50.4
≥ 1800	35.3	40.6	41.7	43.7	47.1	47.6	49.4	50.7	51.4	51.8	51.8	51.8	51.9	51.9	52.0	52.3
≥ 1500	40.1	46.1	48.0	50.2	54.0	54.5	56.9	58.5	59.3	59.8	59.8	59.8	59.9	59.9	60.0	60.2
≥ 1200	43.4	49.8	51.7	54.2	58.2	58.7	61.3	63.1	64.0	64.7	64.8	64.8	64.9	64.9	65.0	65.3
≥ 1000	46.5	53.0	54.8	57.5	61.7	62.2	64.9	67.0	68.0	68.7	68.8	68.8	69.0	69.0	69.1	69.3
≥ 900	47.0	53.5	55.6	58.3	62.6	63.1	65.8	67.9	68.8	69.7	69.8	69.8	69.9	69.9	70.1	70.3
≥ 800	48.5	55.5	57.7	60.4	64.8	65.3	68.0	70.4	71.5	72.5	72.6	72.6	72.8	72.8	72.9	73.1
≥ 700	49.4	57.2	59.9	63.1	68.5	69.0	71.7	74.5	75.7	76.8	76.9	76.9	77.1	77.1	77.2	77.4
≥ 600	50.1	57.8	60.7	64.2	70.8	71.4	74.7	78.4	79.8	81.5	81.6	81.6	81.7	81.7	81.8	82.1
≥ 500	50.3	58.3	61.2	64.7	72.1	72.9	76.6	80.5	82.3	84.7	84.8	84.8	84.9	84.9	85.0	85.3
≥ 400	50.4	58.4	61.3	64.8	72.6	73.6	78.3	82.7	84.5	87.4	87.6	87.6	87.7	87.7	87.9	88.1
≥ 300	50.4	58.4	61.3	64.8	72.6	73.6	78.8	83.6	85.5	89.1	89.3	89.3	89.4	89.4	89.8	90.2
≥ 200	50.4	58.4	61.3	64.8	72.8	73.7	78.9	84.0	86.3	90.1	90.4	90.7	91.5	92.4	93.1	94.7
≥ 100	50.4	58.4	61.3	64.8	72.8	73.7	79.1	84.3	86.6	90.7	91.0	91.5	92.6	94.8	95.6	100.0
≥ 0	50.4	58.4	61.3	64.8	72.8	73.7	79.1	84.3	86.6	90.7	91.0	91.5	92.6	94.8	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 815

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2120	BITBURG AB DL	73-81	DEC
STATION	STATION NAME	YEARS	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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.2	15.5	15.7	15.7	17.1	17.2	17.3	17.9	17.9	17.9	17.9	17.9	17.9	18.4	18.5	19.0
≥ 20000	15.1	17.8	18.0	18.0	19.4	19.8	20.2	20.9	20.9	20.9	20.9	20.9	20.9	21.3	21.5	22.0
≥ 18000	15.1	17.8	18.0	18.0	19.4	19.8	20.2	20.9	20.9	20.9	20.9	20.9	20.9	21.3	21.5	22.0
≥ 6000	15.1	17.8	18.0	18.0	19.4	19.8	20.2	20.9	20.9	20.9	20.9	20.9	20.9	21.3	21.5	22.0
≥ 14000	15.1	17.8	18.0	18.0	19.4	19.8	20.2	20.9	20.9	20.9	20.9	20.9	20.9	21.3	21.5	22.0
≥ 12000	15.1	17.8	18.0	18.0	19.4	19.8	20.2	20.9	20.9	20.9	20.9	20.9	20.9	21.3	21.5	22.0
≥ 10000	16.3	19.3	19.9	19.9	21.3	21.7	22.2	22.8	22.8	22.8	22.8	22.8	22.8	23.3	23.4	23.9
≥ 9000	17.6	20.5	21.1	21.1	22.6	22.9	23.4	24.0	24.0	24.0	24.0	24.0	24.0	24.5	24.6	25.1
≥ 8000	18.3	21.2	21.8	21.8	23.5	23.9	24.4	25.0	25.0	25.0	25.0	25.0	25.0	25.5	25.6	26.1
≥ 7000	18.8	21.7	22.3	22.3	24.0	24.4	24.9	25.5	25.5	25.5	25.5	25.5	25.5	26.0	26.1	26.6
≥ 6000	19.1	22.1	22.7	22.7	24.4	24.8	25.2	25.9	25.9	25.9	25.9	25.9	25.9	26.3	26.5	27.0
≥ 5000	19.4	22.3	22.9	22.9	24.6	25.0	25.5	26.1	26.1	26.1	26.1	26.1	26.1	26.6	26.7	27.2
≥ 4500	20.6	23.9	24.8	24.8	26.5	26.8	27.3	27.9	28.2	28.2	28.2	28.2	28.2	28.7	28.8	29.3
≥ 4000	22.9	26.2	27.2	27.2	28.9	29.3	29.8	30.4	30.6	30.6	30.6	30.6	30.6	31.1	31.2	31.7
≥ 3500	25.2	29.0	30.0	30.0	31.7	32.2	32.7	33.3	33.5	33.5	33.5	33.5	33.5	34.0	34.1	34.6
≥ 3000	27.6	31.3	32.4	32.4	34.9	35.6	36.1	36.7	37.0	37.0	37.0	37.0	37.0	37.4	37.6	38.0
≥ 2500	30.4	34.3	35.4	36.3	39.0	39.8	40.5	41.2	41.5	41.5	41.5	41.5	41.5	42.0	42.1	42.6
≥ 2000	35.7	40.1	41.3	42.3	46.0	46.8	47.7	48.4	48.7	48.7	48.7	48.7	48.7	49.1	49.3	49.8
≥ 1800	36.5	40.9	42.2	43.3	47.0	47.8	48.7	49.4	49.6	49.6	49.6	49.6	49.6	50.1	50.2	50.7
≥ 1500	40.9	46.0	47.6	49.0	53.4	54.3	55.2	56.3	56.6	56.6	56.6	56.6	56.6	57.1	57.2	57.7
≥ 1200	44.6	50.1	51.8	53.4	58.2	59.0	60.5	61.7	62.1	62.1	62.1	62.1	62.1	62.6	62.7	63.2
≥ 1000	47.1	53.0	54.9	56.6	61.7	62.6	64.3	65.5	66.0	66.1	66.1	66.1	66.1	66.6	66.7	67.2
≥ 900	47.9	53.9	55.7	57.4	62.6	63.4	65.4	66.7	67.2	67.3	67.3	67.3	67.3	67.8	67.9	68.4
≥ 800	48.7	55.1	57.1	59.3	64.6	65.5	67.6	69.0	69.9	70.1	70.1	70.1	70.1	70.6	70.7	71.2
≥ 700	50.7	57.7	59.9	62.3	68.0	68.9	71.3	72.8	74.1	74.4	74.4	74.4	74.4	74.9	75.0	75.5
≥ 600	51.2	58.4	60.9	63.4	69.5	70.5	73.7	75.2	76.6	77.1	77.1	77.1	77.1	77.6	77.7	78.2
≥ 500	51.7	58.9	61.5	64.0	71.2	72.2	75.6	77.7	79.3	79.8	79.9	79.9	79.9	80.4	80.5	81.0
≥ 400	52.0	59.3	62.2	64.8	72.4	73.5	77.7	80.0	81.6	82.4	82.6	82.6	82.6	83.0	83.2	83.7
≥ 300	52.0	59.3	62.2	64.8	72.6	73.8	78.2	81.3	83.4	85.0	85.2	85.4	85.4	86.2	86.5	87.0
≥ 200	52.0	59.3	62.2	64.8	73.2	74.4	78.8	83.0	85.7	88.4	88.8	89.3	90.2	92.2	92.9	94.1
≥ 100	52.0	59.3	62.2	64.8	73.2	74.4	78.9	83.2	86.0	89.0	89.5	90.5	92.4	95.1	96.1	100.0
≥ 0	52.0	59.3	62.2	64.8	73.2	74.4	78.9	83.2	86.0	89.0	89.5	90.5	92.4	95.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 820

USAF ETAC FORM JUL 80 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
[illegible]130	PITTSBURG AB OL	73-81	DEC

HOURS (L.S.T.): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	10.7	12.7	13.6	13.9	15.2	15.4	15.8	16.2	16.3	16.4	16.4	16.5	16.5	16.8	16.9	17.3
≥ 20000	12.2	14.8	15.8	16.2	17.7	18.0	18.6	19.0	19.1	19.3	19.3	19.3	19.4	19.7	19.8	20.2
≥ 18000	12.3	14.9	15.8	16.3	17.9	18.1	18.8	19.2	19.3	19.4	19.4	19.5	19.6	19.8	19.9	20.3
≥ 16000	12.3	14.9	15.8	16.3	17.9	18.1	18.8	19.2	19.3	19.4	19.4	19.5	19.6	19.8	19.9	20.3
≥ 14000	12.3	14.9	15.9	16.3	17.9	18.1	18.8	19.2	19.3	19.5	19.5	19.5	19.6	19.8	20.0	20.4
≥ 12000	12.4	15.0	15.9	16.4	18.0	18.2	18.9	19.3	19.4	19.5	19.6	19.6	19.7	19.9	20.0	20.5
≥ 10000	12.9	15.5	16.6	17.1	18.9	19.2	19.9	20.3	20.3	20.5	20.5	20.6	20.7	20.9	21.0	21.4
≥ 9000	13.5	16.1	17.2	17.8	19.6	19.9	20.6	21.0	21.1	21.3	21.3	21.3	21.4	21.7	21.8	22.2
≥ 8000	14.4	17.2	18.4	19.0	21.0	21.3	22.0	22.4	22.5	22.7	22.7	22.7	22.8	23.1	23.2	23.6
≥ 7000	14.6	17.4	18.6	19.2	21.2	21.5	22.2	22.6	22.7	22.9	22.9	23.0	23.0	23.3	23.4	23.8
≥ 6000	14.7	17.5	18.7	19.3	21.3	21.6	22.3	22.7	22.9	23.1	23.1	23.1	23.2	23.5	23.6	24.0
≥ 5000	15.2	18.0	19.2	19.8	21.9	22.2	23.0	23.4	23.6	23.8	23.8	23.8	23.9	24.2	24.3	24.7
≥ 4500	16.7	19.7	21.0	21.7	23.9	24.3	25.0	25.6	25.9	26.1	26.1	26.2	26.3	26.5	26.6	27.1
≥ 4000	18.4	21.5	22.8	23.6	25.8	26.2	27.0	27.6	28.0	28.2	28.2	28.3	28.4	28.6	28.7	29.2
≥ 3500	20.2	23.6	25.0	25.7	28.1	28.6	29.6	30.3	30.6	30.9	31.0	31.0	31.1	31.4	31.5	31.9
≥ 3000	22.6	26.2	27.6	28.5	31.2	31.7	32.8	33.6	33.9	34.2	34.3	34.3	34.4	34.7	34.8	35.2
≥ 2500	25.1	29.0	30.4	31.7	34.6	35.2	36.5	37.4	37.8	38.1	38.1	38.2	38.3	38.6	38.7	39.1
≥ 2000	30.2	34.9	36.5	37.9	41.2	41.8	43.4	44.3	44.8	45.2	45.3	45.4	45.5	45.8	45.9	46.3
≥ 1800	31.4	36.1	37.8	39.2	42.6	43.3	44.9	45.9	46.4	46.9	46.9	47.0	47.1	47.4	47.6	48.0
≥ 1500	36.6	42.2	44.2	45.9	49.7	50.4	52.2	53.5	54.0	54.6	54.6	54.7	54.8	55.1	55.3	55.7
≥ 1200	40.3	47.1	49.3	51.3	55.5	56.2	58.2	59.6	60.2	60.8	60.9	60.9	61.1	61.4	61.6	62.0
≥ 1000	43.5	50.3	52.6	54.8	59.3	60.1	62.3	63.7	64.4	65.1	65.2	65.3	65.4	65.7	65.9	66.3
≥ 900	43.9	50.8	53.2	55.5	60.1	60.9	63.2	64.7	65.4	66.1	66.2	66.2	66.3	66.7	66.8	67.3
≥ 800	45.4	52.5	55.2	57.7	62.7	63.5	65.8	67.5	68.4	69.2	69.2	69.3	69.4	69.8	69.9	70.4
≥ 700	46.5	54.2	57.2	59.9	65.6	66.5	69.1	71.0	72.1	73.0	73.1	73.1	73.3	73.6	73.8	74.2
≥ 600	47.0	54.8	58.1	61.1	67.4	68.4	71.3	73.6	74.8	76.0	76.1	76.1	76.3	76.6	76.8	77.2
≥ 500	47.3	55.3	58.7	61.8	69.2	70.3	73.9	76.5	78.0	79.5	79.6	79.7	80.0	80.3	80.5	81.0
≥ 400	47.5	55.5	59.0	62.2	70.1	71.3	75.5	78.8	80.6	82.4	82.6	82.7	83.0	83.3	83.5	84.0
≥ 300	47.5	55.6	59.1	62.3	70.5	71.8	76.6	80.8	83.1	85.8	86.2	86.4	86.6	87.2	87.4	88.0
≥ 200	47.5	55.6	59.1	62.3	70.7	72.1	77.0	81.6	84.5	88.4	89.0	89.4	90.1	91.5	92.2	93.8
≥ 100	47.5	55.6	59.1	62.3	70.7	72.1	77.0	81.7	84.7	89.1	89.9	90.6	91.5	94.1	95.5	99.8
≥ 0	47.5	55.6	59.1	62.3	70.8	72.1	77.1	81.8	84.7	89.1	89.9	90.6	91.6	94.2	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6575

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0	SITBURG AB DL	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

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	23.3	26.3	27.9	28.6	30.3	30.6	31.3	31.7	31.9	32.1	32.1	32.1	32.2	32.3	32.4	32.7
≥ 20000	26.5	31.0	32.3	33.0	35.1	35.4	36.1	36.6	36.8	37.1	37.1	37.2	37.2	37.4	37.5	37.8
≥ 18000	26.7	31.1	32.4	33.1	35.2	35.5	36.3	36.8	37.0	37.2	37.3	37.3	37.4	37.5	37.6	37.9
≥ 6000	26.7	31.1	32.4	33.1	35.2	35.5	36.3	36.8	37.0	37.2	37.3	37.3	37.4	37.5	37.7	37.9
≥ 14000	26.8	31.2	32.4	33.2	35.3	35.6	36.4	36.8	37.1	37.3	37.4	37.4	37.5	37.6	37.7	38.0
≥ 2000	27.1	31.6	32.9	33.7	35.8	36.1	36.9	37.4	37.6	37.9	37.9	38.0	38.0	38.2	38.3	38.6
≥ 10000	28.4	33.1	34.5	35.3	37.6	37.9	38.8	39.3	39.5	39.8	39.8	39.9	39.9	40.1	40.2	40.5
≥ 9000	29.3	34.1	35.6	36.4	38.8	39.1	40.0	40.5	40.7	41.0	41.0	41.1	41.2	41.3	41.4	41.7
≥ 8000	31.2	36.4	37.9	38.9	41.5	41.9	42.8	43.4	43.7	43.9	44.0	44.0	44.1	44.3	44.4	44.7
≥ 7000	31.7	37.0	38.5	39.5	42.1	42.5	43.5	44.0	44.3	44.6	44.7	44.7	44.8	44.9	45.1	45.4
≥ 6000	32.0	37.3	38.9	39.8	42.5	42.9	43.9	44.4	44.7	45.0	45.1	45.1	45.2	45.4	45.5	45.8
≥ 5000	33.8	39.3	41.0	42.0	44.8	45.2	46.2	46.8	47.1	47.4	47.5	47.5	47.6	47.8	47.9	48.2
≥ 4500	36.3	42.3	44.0	45.2	48.1	48.6	49.7	50.3	50.6	50.9	51.0	51.0	51.1	51.3	51.5	51.8
≥ 4000	38.9	45.3	47.2	48.4	51.6	52.1	53.3	54.0	54.3	54.6	54.7	54.8	54.9	55.0	55.2	55.5
≥ 3500	41.2	48.1	50.1	51.4	54.7	55.2	56.5	57.2	57.6	57.9	58.0	58.0	58.1	58.3	58.4	58.7
≥ 3000	44.2	51.5	53.7	55.1	58.7	59.2	60.6	61.3	61.7	62.1	62.1	62.2	62.3	62.5	62.6	62.9
≥ 2500	46.5	54.4	56.6	58.1	62.0	62.5	63.9	64.8	65.2	65.5	65.6	65.7	65.8	65.9	66.1	66.4
≥ 2000	49.8	58.3	60.8	62.5	66.7	67.3	68.8	69.7	70.2	70.6	70.7	70.7	70.8	71.0	71.2	71.5
≥ 1800	50.5	59.2	61.7	63.4	67.7	68.3	69.9	70.8	71.3	71.7	71.8	71.8	71.9	72.1	72.3	72.6
≥ 1500	53.4	62.8	65.6	67.6	72.4	73.1	74.9	75.9	76.5	76.9	77.0	77.1	77.2	77.4	77.6	77.9
≥ 1200	55.4	65.4	68.4	70.6	75.9	76.6	78.6	79.7	80.3	80.8	80.9	80.9	81.0	81.2	81.4	81.7
≥ 1000	56.6	67.0	70.2	72.6	78.3	79.2	81.3	82.6	83.2	83.7	83.8	83.9	84.0	84.2	84.4	84.7
≥ 900	56.9	67.4	70.6	73.1	78.9	79.8	82.0	83.3	83.9	84.5	84.6	84.6	84.7	84.9	85.1	85.4
≥ 800	57.5	68.4	71.8	74.4	80.6	81.5	83.8	85.2	86.0	86.5	86.7	86.7	86.8	87.0	87.2	87.5
≥ 700	58.1	69.1	72.6	75.4	82.0	83.0	85.4	87.0	87.9	88.5	88.6	88.7	88.8	89.0	89.2	89.5
≥ 600	58.2	69.4	73.3	75.9	82.8	83.9	86.5	88.2	89.1	89.8	89.9	90.0	90.1	90.3	90.5	90.9
≥ 500	58.4	69.7	73.4	76.4	83.8	84.9	87.7	89.7	90.8	91.6	91.8	91.9	92.0	92.3	92.5	92.8
≥ 400	59.5	69.8	73.5	76.6	84.1	85.3	88.4	90.6	91.8	92.8	93.0	93.1	93.3	93.5	93.7	94.1
≥ 300	58.5	69.8	73.5	76.6	84.3	85.5	88.8	91.3	92.7	94.1	94.3	94.5	94.7	95.1	95.3	95.8
≥ 200	58.5	69.8	73.5	76.7	84.4	85.6	88.9	91.5	93.1	94.7	95.1	95.4	95.7	96.4	96.9	97.8
≥ 100	58.5	69.8	73.6	76.7	84.4	85.6	88.9	91.5	93.2	94.9	95.3	95.6	96.1	97.0	97.9	99.9
≥ 0	58.5	69.8	73.6	76.7	84.4	85.6	88.9	91.5	93.2	94.9	95.3	95.6	96.1	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 78028

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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

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

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

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

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

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

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

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

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible]130 BITBURG AB DL — 52-81
STATION — STATION NAME — YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.3						.0
[illegible]						.2	1.4						.1
85					.2	1.8	5.5	2.4	.1				.8
[illegible]				.5	1.9	6.0	13.8	9.0	2.2				2.8
75				.8	6.4	19.4	27.2	23.0	6.9	.1			7.1
70			.2	4.2	16.3	36.7	46.9	42.2	21.6	1.6			14.3
[illegible]			2.4	12.2	32.3	58.6	69.1	68.1	44.0	8.2	.1		24.9
[illegible]		.4	7.8	24.5	55.8	81.8	91.4	92.1	70.6	24.8	.3		37.8
55		2.3	16.2	43.4	79.1	95.8	99.7	99.5	90.2	48.6	5.9	.5	48.9
50	2.3	9.3	32.6	63.7	94.2	99.8	100.0	100.0	98.9	74.9	19.8	5.7	58.9
45	11.2	25.2	56.2	82.3	98.7	100.0			100.0	91.5	43.6	17.7	69.2
40	31.0	48.8	77.8	96.6	99.9					98.3	70.6	38.1	80.3
35	57.8	71.4	92.1	99.8	100.0					100.0	88.1	65.8	89.7
30	82.1	88.6	98.9	100.0							98.5	86.6	96.3
25	92.5	96.3	99.7								100.0	95.9	98.7
20	97.6	98.7	99.9									99.5	99.6
15	99.8	99.8	100.0									100.0	100.0
10	100.0	99.9											100.0
5		100.0											100.0
MEAN	35.7	38.9	46.1	53.4	61.2	67.0	69.1	68.8	63.8	54.4	43.3	37.5	53.3
S D	7.317	8.756	8.534	8.841	8.142	7.900	8.222	7.194	7.161	7.226	6.885	7.298	14.461
TOTAL OBS	899	819	899	870	900	900	914	914	890	922	894	916	10747

USAFETAC FORM JUL 80 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

STATION: 10100 STATION NAME: BITBURG AB DL YEARS: 52-81

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	.	.	.	.	.	.	.1	.	.	.	.	.	.0
≥ 65	.	.	.	.	.	.	2.3	.2	.	.	.	.	.2
≥ 60	.	.	.	.	.3	5.2	12.8	9.0	.8	.1	.	.	2.4
≥ 55	.	.	.	.1	5.5	24.8	40.4	40.5	13.6	2.2	.	.	10.7
≥ 50	.	.1	.7	3.8	23.5	59.1	79.5	77.2	46.2	13.7	1.5	.3	25.8
≥ 45	.6	1.1	4.6	16.0	51.4	87.0	96.3	95.8	76.5	35.1	6.0	2.7	39.9
≥ 40	5.6	8.1	18.8	39.6	80.4	97.9	100.0	99.7	94.4	62.4	24.2	10.8	53.9
≥ 35	21.0	27.1	45.2	70.9	96.0	100.0	.	100.0	99.8	87.9	52.6	30.6	69.6
≥ 32	32.6	38.1	57.7	81.2	97.9	.	.	.	100.0	93.8	65.4	41.8	76.0
≥ 30	50.4	53.6	72.7	92.4	99.9	.	.	.	.	98.8	82.0	58.7	84.3
≥ 25	72.1	74.2	87.8	99.3	100.0	.	.	.	.	100.0	93.8	76.1	92.1
≥ 20	84.1	87.5	96.3	100.0	.	.	.	.	.	.	98.9	89.6	96.4
≥ 15	92.4	92.7	99.1	.	.	.	.	.	.	.	100.0	96.3	98.4
≥ 10	96.7	96.5	99.7	.	.	.	.	.	.	.	.	99.1	99.3
≥ 5	99.1	98.4	100.0	.	.	.	.	.	.	.	.	99.8	99.8
≥ 0	99.9	99.8	.	.	.	.	.	.	.	.	.	100.0	100.0
≥ -5	100.0	100.0	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	28.1	29.0	33.3	38.1	44.7	50.5	53.4	53.0	48.5	41.9	34.9	30.2	40.5
S.D	8.382	8.664	7.233	6.144	5.924	5.238	5.050	4.844	5.307	6.290	6.488	7.994	11.187
TOTAL OBS.	899	819	899	876	904	900	914	914	890	922	894	916	10747

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

100 SITBURG AB DL 52-81

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
≥							.8						.1
75					.1	.8	3.5	.5					.4
70					.6	4.0	12.0	7.8	1.1				2.2
65				.6	5.2	18.9	30.4	25.8	6.6	.4			7.4
60				3.2	16.7	45.7	60.1	59.6	28.9	2.8			18.3
55		.1	1.4	11.3	40.6	75.8	90.4	89.6	63.4	17.2	.3		32.9
50	.1	1.2	10.6	31.5	71.6	95.2	99.8	99.8	89.2	42.8	5.5	.9	46.1
45	3.1	7.9	27.3	55.5	92.8	99.8	100.0	100.0	99.0	73.1	22.7	7.8	57.9
40	15.1	25.8	52.2	80.9	98.8	100.0			100.0	92.8	49.3	24.7	70.3
35	41.4	53.1	78.3	97.3	100.0					99.6	78.0	49.2	83.3
30	67.6	74.6	91.8	99.9						100.0	92.4	74.9	91.9
25	85.2	88.6	98.2	100.0							99.6	90.1	96.9
20	92.9	94.9	99.6								100.0	96.9	98.7
15	97.1	98.0	99.8									99.7	99.6
10	99.8	99.5	100.0									99.9	99.9
5	100.0	99.9										100.0	100.0
≤		100.0											100.0
MEAN	32.1	34.2	40.0	46.0	53.3	59.0	61.8	61.1	56.4	48.4	39.4	34.1	47.2
S.D	7.586	7.987	7.255	6.889	6.416	5.966	6.111	5.341	5.523	6.046	6.309	7.352	12.493
TOTAL OBS	899	819	899	870	900	900	914	914	890	922	899	916	10747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 6100 STATION — BITBURG AB DL STATION NAME — 52-81 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52				80	76	91	95	88	67	59	49	47	
53	44	57	67	71	85	81	82	87	84	69	56	58	87
54	50	47	64	64	82	86	77	85	83	70	55	51	86
55	48	47	65	79	76	80	85	81	75	67	65	52	85
56	47	40	65	66	82	71	84	79	75	70	50	52	84
57	51	59	64	70	73	91	95	82	77	68	56	51	95
58	50	59	62	65	75	81	81	85	81	63	51*	51	85
59	50	62	64	74	76	81	91	83	82	71	57	49	91
60	51	63	62	69	74	88	75	79	75	66	55	48	88
61	50	57	66	70	69	81	85	84	82	71	51	56	85
62	50	46	52	72	74	80	83	85	84	74	56	48	85
63	36	37	55	66	76	76	84	85	75	64	63	43	85
64	47	57	56	70	78	86	96	88	81	65	54	47	96
65	49	39	65	63	77	82	80	79	73	67	55	51	82
66	49	55	57*	60*	62	84	78	87	78	74	54	50	87
67	50	51	57	67	79	82	84	79	75	68	52	51	84
68	51	49	72	82	75	81*	88*	77*	73*	68*	52	47	* 88
69	53	45	57	70	85	76*	85*	85*	77	70	56	40	85
70	45	49	50	70	70	81	81	81	77	71	58	50	81
71	49	47	52	74	79	74	86	88	74	68	52	52	88
72	47	52	67	65	70	81	86	78	71	64	57	48	86
73	42	41	64	64	71	82	86	82	86	68	59	48	86
74	51	53	66	68	73	75	78	87	77	51	53	51	87
75	53	51	51	73	71	78	87	89	77	60	53	42	89
76	46	51	57	68	80	89	93	84	73	69	51	44	93
77	51	51	60	64	71	87	82	77	73	66	60	57	87
78	46	53	59	64	75	80	86	78	73	69	53	50	86
79	37	42	50	66	80	80	84	80	77	75	54	54	84
80	45	52	55	68	68	77	81	82	75	59	54	52	82
81	48	48	66	68	79	81	82	82	73	64	55	46	82
MEAN	47.4	50.3	60.2	69.3	75.8	81.4	84.5	83.0	76.9	66.9	55.0	49.5	86.6
S.D.	4.231	6.768	5.998	4.907	4.575	4.804	5.419	3.590	4.500	5.122	3.630	4.171	3.852
TOTAL OBS	899	819	899	876	904	900	914	914	890	922	894	916	10747

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 6130 BITBURG AB DL 52-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52				28	39	43	49	44	36	29	23	16	
53	15	4	27	31	33	39	49	45	41	33	26	21	4
54	5	1	24	29	36	41	42	48	35	32	23	27	1
55	14	4	12	28	32	41	48	46	37	26	22	21	4
56	1	-3	22	22	35	38	47	39	45	30	16	20	-3
57	15	25	26	28	30	40	49	41	36	31	24	21	15
58	17	14	15	24	34	40	46	45	43	32	30*	32	14
59	19	23	27	30	36	41	52	45	45	32	26	25	19
60	5	17	26	32	34	43	42	47	39	33	30	16	5
61	17	30	25	38	35	41	42	44	45	31	22	11	11
62	16	20	17	30	32	36	42	42	40	32	16	8	8
63	4	8	16	29	33	43	44	40	38	27	31	11	4
64	11	19	17	28	38	35	40	44	35	28	25	15	11
65	21	12	16	29	33	41	43	42	39	31	15	20	12
66	4	27	24*	30*	39	41	43	40	39	28	20	21	4
67	10	18	26	26	28	39	45	44	39	29	21	10	10
68	-3	23	27	26	34	44*	45*	44*	48*	33*	24	12	-3
69	23	6	25	28	35	39*	45*	48*	34	35	22	15	6
70	17	8	13	25	32	41	44	41	39	33	28	10	8
71	9	14	7	30	37	44	43	45	41	31	20	27	7
72	7	9	22	27	36	38	45	39	35	26	24	14	7
73	14	19	23	28	35	42	48	46	35	30	19	6	6
74	24	24	19	35	35	39	44	44	33	28	21	26	19
75	26	21	24	26	35	35	44	48	44	28	19	0	0
76	6	19	14	24	32	39	46	46	41	33	26	3	3
77	19	19	19	23	30	39	48	48	37	32	19	21	19
78	0	10	26	26	37	41	42	41	41	35	21	8	0
79	1	19	24	28	30	44	46	41	39	32	23	25	1
80	14	27	28	32	36	43	41	39	41	30	23	16	14
81	19	18	28	28	32	43	48	45	37	30	21	16	16
MEAN	12.1	15.7	21.3	28.2	33.9	40.4	45.1	43.5	39.1	30.6	22.6	15.9	8.0
S.D.	7.842	8.418	5.646	3.395	2.590	2.487	2.993	2.848	3.337	2.413	4.066	7.216	6.406
TOTAL OBS	899	819	899	876	904	900	914	914	890	922	894	916	10747

NOTES * (BASED ON LESS THAN FULL MONTHS)

§ (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

108100	BITBURG AB DL	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.1	.2															3	3		
5 / 49		.1	.1	.2														4	4	1	
4 / 47		.2	.1	.2														5	5	4	1
4 / 45		1.0	.1	.5														13	13	5	4
44/ 43		2.2	.6	.4														26	26	13	3
42/ 41		6.4	2.3	.1														73	73	30	9
40/ 39		4.2	1.8															50	50	57	38
3 / 37	.4	5.2	1.4															58	58	65	46
3 / 35	.8	11.5	2.8															126	126	79	67
3 / 33	2.3	7.8	2.6															106	106	127	68
32/ 31	1.2	9.0	2.3															104	104	110	109
3 / 29	1.1	6.8	.5															70	70	107	95
2 / 27	1.8	5.3	.4															62	62	69	105
2 / 25	.1	2.9	.2															27	27	39	70
2 / 23	.7	1.9																22	22	34	55
22/ 21	.7	1.6	.6															24	24	16	36
2 / 19	.4	1.9	.1															20	20	18	32
1 / 17	.1	.5																5	5	22	17
1 / 15		1.0																8	8	8	10
1 / 13		.7																6	6	3	14
1 / 11	.1	1.0																9	9	11	11
1 / 9		1.1																9	9	5	14
/ 7	.2	.1																3	3	10	6
/ 5																					11
/ 3																					5
/ 1																					3
/ -1																					4
TOTAL	10.0	72.4	16.2	1.4															833		833
																		833		833	

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.	5774371	68969	82.8	8.772	833							
Dry Bulb	935461	27201	32.7	7.535	833		41.2					93
Wet Bulb	844706	25830	31.0	7.252	833		50.5					93
Dew Point	705823	23255	27.9	8.249	833	.4	66.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

106100 STATION | BITBURG AB GL STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 4			.4															3	3		
4 / 47		.4																3	3	2	
4 / 45		.4	.1	.2														6	6	5	
44 / 43		2.6	.5	.1														27	27	11	6
42 / 41	.2	6.6	2.9															81	81	44	20
40 / 39	.1	4.9	.7															48	48	41	43
38 / 37	1.0	6.1	1.2															69	69	67	35
36 / 35		9.3	.6															80	80	63	51
34 / 33	2.8	11.3	1.7															129	129	122	75
32 / 31	.7	4.9	2.5															68	68	120	87
30 / 29	.2	11.4	.1															98	98	96	101
28 / 27	1.8	6.5	.7															75	75	86	108
26 / 25	.2	2.9																26	26	36	73
24 / 23	1.1	2.6	.5															34	34	43	63
22 / 21	.1	1.6	.2															16	16	8	49
20 / 19	.5	1.9																20	20	21	17
18 / 17		1.4																12	12	21	15
16 / 15	.4	1.1																12	12	17	17
14 / 13		.1																1	1	5	12
12 / 11		1.2																10	10	6	9
10 / 9	.2	1.0																10	10	11	22
8 / 7	.2	.2																4	5	5	6
6 / 5		.4																3	3	2	9
4 / 3		.1																1	1	3	7
2 / 1																				1	4
0 / -1																					3
-2 / -5																					2
-4 / -7																					2
TOTAL	9.4	78.1	12.1	.4															837		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.	5859762	69644	83.3	8.333	836							
Dry Bulb	907491	26769	32.0	7.838	837		43.4					93
Wet Bulb	823691	25469	30.5	7.564	836		53.5					93
Dew Point	693119	22955	27.5	8.674	836	.8	67.4					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[illegible]100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 49			.1															1	1		
4[illegible] / 47		.4	.1		.4													7	7		
4[illegible] / 45		.4																3	3	6	
44 / 43		3.1	.4	.2														31	31	12	4
42 / 41		6.6	2.0	.1														73	73	39	24
40 / 39	.2	6.1	.7															59	59	47	41
3[illegible] / 37	.6	4.9	1.6															59	59	69	31
3[illegible] / 35	.7	10.0	.8															97	97	56	55
34 / 33	1.9	9.6	.8															103	103	132	69
32 / 31	.5	5.1	2.5															68	68	110	97
30 / 29	.1	10.6	.7															96	96	86	97
2[illegible] / 27	2.0	6.5	.6															76	76	75	104
[illegible] / 25	1.1	3.6																39	39	57	51
2[illegible] / 23	.7	2.9	.5															34	34	41	72
[illegible]2 / 21	.6	.8	.1															13	13	17	54
[illegible]0 / 19	.6	1.3																16	16	16	29
1[illegible] / 17	.2	2.0																19	19	20	16
1[illegible] / 15	.1	1.1																10	10	19	14
14 / 13		.8																7	7	6	9
1[illegible] / 11		.8																7	7	7	13
[illegible] / 9	.1	1.2																11	11	11	25
[illegible] / 7	.2	.1																3	3	5	4
[illegible] / 5		.2																2	2	1	10
[illegible] / 3		.2																2	2	2	8
[illegible] / 1	.1																	1	1	3	3
[illegible] / -1																					1
-[illegible] / -3																					1
-4 / -5																					1
-[illegible] / -7																					1
-[illegible] / -9																					3
TOTAL	9.9	78.4	11.0	.4	.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.	5855308	69634	83.2	8.620	837							
Dry Bulb	900667	26639	31.8	7.950	837		44.9					93
Wet Bulb	817259	25351	30.3	7.689	837		52.9					93
Dew Point	686130	22792	27.2	8.851	837	.8	68.1					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 2100 STATION | BITBURG AB GL STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 47		.4	.2															5	5		
4 / 45		1.3	.5	.6														20	20	8	
44 / 43	.2	2.5	.1															24	24	25	10
42 / 41		5.9	1.2	.6														64	64	25	22
4 / 39	.2	6.1	.8	.2														62	62	45	33
3 / 37	.8	5.9	2.3															75	75	69	47
3 / 35	.2	8.5	.5															77	77	65	49
3 / 33	2.4	9.7	1.2															111	111	125	63
32 / 31		5.9	1.1															58	58	116	89
3 / 29	.8	9.4	1.3															97	97	63	104
2 / 27	2.9	6.8	.5															85	85	95	94
2 / 25	1.0	2.7																31	31	57	73
2 / 23	.8	3.3	.4															38	38	39	65
22 / 21	.4	1.4	.1															16	16	15	44
2 / 19	.6	1.7																19	19	20	35
1 / 17	.6	1.1																14	14	24	16
1 / 15		1.0	.1															9	9	10	14
1 / 13		1.4																12	12	15	13
1 / 11		.5																4	4	3	13
1 / 9		1.1																9	9	6	20
/ 7	.1	.4																4	4	6	9
/ 5	.2	.1																3	3	5	10
/ 3																				1	4
/ 1																					2
/ -1																					3
-2 / -3																					2
-4 / -5																					2
-6 / -7																					1
TOTAL	11.4	76.9	10.3	1.4														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.	5854342	69608	83.2	8.850	837							
Dry Bulb	906152	26744	32.0	7.858	837		44.3					93
Wet Bulb	822568	25456	30.4	7.606	837		52.8					93
Dew Point	689500	22878	27.3	8.761	837	.9	68.1					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 6130 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 51			.1															1	1		
5 / 49			.4		.2													5	5		
4 / 47		.5	.7	.1	.2													13	13	3	
4 / 45		2.2	.5	.5														26	26	14	
4/ 43		1.8	1.0	.4														26	26	29	16
2/ 41		5.5	2.5	1.1														76	76	39	26
4 / 39	.7	4.8	2.0	.4														66	66	43	40
3 / 37	1.2	6.7	3.0	.1														92	92	71	45
3 / 35	.6	8.1	2.6	.1														96	96	88	60
3 / 33	3.0	7.2	2.3	.1														105	105	141	60
2/ 31	.1	3.9	3.2	.1														62	62	96	89
3 / 29	.2	8.4	1.8															87	87	81	100
2 / 27	1.8	5.4	1.3	.2														73	73	84	106
2 / 25	.8	2.4	.1															28	28	49	73
2 / 23	.8	1.6	.7															26	26	27	79
2/ 21	.5	1.1																13	13	15	31
/ 19	.1	.8																8	8	16	24
1 / 17	.1	.7																7	7	9	16
1 / 15		1.1																9	9	10	13
1 / 13		.8																7	7	8	7
1 / 11		.7																6	6	7	14
1 / 9	.1	.2																3	3	4	16
/ 7		.2																2	2	1	7
/ 5																				2	7
/ 3																					2
/ 1																					2
/ -1																					3
/ -3																					1
TOTAL	10.2	64.0	22.2	3.1	.5													837	837	837	837

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5590021	67859	81.1	10.284	837							
Dry Bulb	993645	28181	33.7	7.322	837		36.8					93
Wet Bulb	887393	26613	31.8	7.021	837		45.4					93
Dew Point	727277	23703	28.3	8.187	837	.4	65.6					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]00 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]4/ 53					.2													2	2		
[illegible]2/ 51			.6		.1													6	6		
5 / 49			.5	.1	.1													6	6		
[illegible] / 47		.2	.8	.7														15	15	9	
[illegible] / 45		2.9	.1	.4														28	28	8	2
[illegible]4/ 43		1.3	2.5	.6														37	37	41	14
[illegible]2/ 41	.4	4.8	3.5	1.9														88	88	43	33
4 / 39	.2	4.9	3.3	.5														75	5	42	29
3[illegible] / 37	1.7	5.0	4.8	1.0														104	104	85	70
3 / 35	.1	7.9	3.3	.2														97	97	93	44
3[illegible] / 33	2.5	6.6	3.1	.7														108	108	146	69
[illegible]2/ 31		3.1	4.1															60	60	100	92
3 / 29	.4	6.1	2.4	.5														78	78	73	104
2 / 27	.8	4.9	1.7															62	62	82	100
2[illegible] / 25	1.1	1.6																22	22	51	58
2[illegible] / 23		.7	.5															10	10	15	89
[illegible]2/ 21		.5																4	4	6	30
2 / 19		1.1																9	9	8	35
1[illegible] / 17		1.6	.1															14	14	17	6
1[illegible] / 15		1.0																8	8	10	11
1 / 13		.4																3	3	4	6
1 / 11																				3	18
1 / 9																					11
[illegible] / 7																					9
[illegible] / 5																					3
[illegible] / 3																					2
[illegible] / 1																					1
TOTAL	7.2	54.4	31.3	6.6	.5														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.	5273595	65749	78.6	11.086	836							
Dry Bulb	1063802	29276	35.0	6.797	836		30.0					93
Wet Bulb	933304	27402	32.8	6.487	836		41.0					93
Dew Point	745390	24104	28.8	7.770	836		64.0					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 [illegible]30 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2 / 51			.7		.2													8	8		
5 / 49		.1			.1													2	2	1	
4 / 47	.1	.2		.4														6	6	8	2
4 / 45		1.3	1.2		.1													22	22	4	5
4 / 43		1.6	1.6	.2														28	28	23	6
2 / 41		6.3	3.[illegible]	.7														84	84	31	14
4 / 39	.4	5.4	1.8	.2														65	65	61	38
3 / 37	.8	3.6	3.7	.1														69	69	73	63
3 / 35	.5	9.2	4.2	.4														119	119	67	62
3 / 33	2.6	8.7	2.4	.1														116	116	147	62
2 / 31	.2	3.7	3.1															59	59	116	65
1 / 29	.5	8.4	1.4	.1														87	87	83	121
2 / 27	.7	6.3	2.3															78	78	81	98
1 / 25	.4	2.2	.6															26	26	59	81
2 / 23		1.9																16	16	12	76
2 / 21	.1	1.[illegible]	.4															12	12	20	33
1 / 19		1.4																12	12	8	25
1 / 17	.1	.6																6	6	19	17
1 / 15		1.[illegible]																8	8	6	13
1 / 13		.8																7	7	7	11
1 / 11	.2	.5																6	6	8	13
1 / 9		.1																1	1	3	12
/ 7																					7
/ 5																					8
/ 3																					5
TOTAL	6.7	64.3	26.3	2.3	.5														837		837
																		837		837	

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.	5502668	67362	80.5	9.865	837							
Dry Bulb	999144	28324	33.8	6.974	837		35.3					93
Wet Bulb	887365	26669	31.9	6.708	837		46.9					93
Dew Point	723478	23708	28.3	7.883	837		65.0					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 :130 STATION | BITBURG 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
[illegible] / 51		.2	.4															5	5		
5 / 49		.1		.1														2	2	3	
[illegible] / 47				.5														4	4	3	3
4 / 45		1.3	.5	.7														21	21	3	2
4 / 43		1.1	.7															15	15	16	4
[illegible] / 41	.1	5.7	4.1	.2														85	85	29	10
4 / 39	.2	5.5	1.7															62	62	52	33
3 / 37	.8	4.2	2.9	.1														60	60	79	46
[illegible] / 35	1.2	11.0	3.1															128	128	69	90
3 / 33	1.9	5.9	1.9															81	81	149	57
[illegible] / 31	1.[illegible]	6.9	2.3															85	85	103	76
[illegible] / 29	.6	8.4	.8															82	82	77	115
[illegible] / 27	1.3	7.8	1.1															85	85	77	101
[illegible] / 25	1.1	2.3																28	28	70	73
2[illegible] / 23	.2	2.5	.7															29	29	19	66
[illegible] / 21	.4	1.3	.5															18	18	21	37
/ 19	.1	1.3																12	12	17	31
1 / 17		.7																6	6	21	21
1 / 15	.4	.2																5	5	5	12
1 / 13		1.0																8	8	4	11
1 / 11	.1	.6																6	6	9	9
1 / 9	.2	.4																5	5	5	19
/ 7		.4																3	3	1	4
/ 5	.1																	1	1	4	8
[illegible] / 3																					3
/ 1																					2
/ -1																					3
TOTAL	9.8	68.8	19.7	1.7															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.	5712145	68697	82.2	8.963	836							
Dry Bulb	953587	27563	33.0	7.327	836		41.5					93
Wet Bulb	855766	26100	31.2	7.001	836		48.2					93
Dew Point	709533	23425	28.0	7.979	836	.3	65.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 0 STATION | BITBURG AB GL STATION NAME | 73-81 YEARS | JAN MONTH

 ALL HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53					.1													2	2		
4/ 51			.0	.3		.1												23	23		
5/ 49			.0	.2	.1	.1												23	23	5	
5/ 47		.1	.3	.3	.2	.1												58	58	29	6
4/ 45		1.3	.4	.4	.2													139	139	53	13
4/ 43	.1	2.0	.9	.2														214	214	170	63
2/ 41	.1	6.1	2.7	.6														624	624	280	158
4/ 39	.3	5.2	1.6	.2														487	487	388	295
3/ 37	.9	5.2	2.5	.2														586	586	578	383
3/ 35	.5	9.4	2.2	.1														820	820	580	478
3/ 33	2.4	8.3	2.0	.1														859	859	1089	523
2/ 31	.5	5.3	2.6	.0														564	564	871	704
1/ 29	.5	8.7	1.1	.1														695	695	666	837
/ 27	1.6	6.2	1.1	.0														596	596	649	816
/ 25	.7	2.6	.1															227	227	418	552
2/ 23	.5	2.2	.4															209	209	230	565
2/ 21	.3	1.2	.2															116	116	118	314
/ 19	.3	1.4	.0															116	116	124	228
1/ 17	.1	1.1	.0															83	83	153	124
1/ 15	.1	.9	.0															69	69	85	104
1/ 13		.8																51	51	52	83
1/ 11	.1	.7																48	48	54	100
/ 9	.1	.6																48	48	45	139
/ 7	.1	.2																19	20	28	52
/ 5	.1	.1																9	9	14	66
/ 3		.0																3	3	6	36
/ 1	.1																	1	1	4	17
/ -1																					17
/ -3																					4
/ -5																					5
/ -7																					4
/ -9																					3
TOTAL	9.3	69.7	18.6	2.2	.2													6689	6690	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.	45422212	547522	81.9	9.513	6689							
Dry Bulb	7659949	220697	33.0	7.531	6690		317.5					744
Wet Bulb	6872052	208890	31.2	7.220	6689		391.2					744
Dew Point	5680250	186827	27.9	8.316	6689	3.7	530.6					744

USAFETAC FORM AK 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 1 1 0 STATION — BITBURG AB GL STATION NAME — 73-81 YEARS — FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 51					.3													2	2		
5 / 49				.3														2	2		
4 / 47		.4	.4	.3														8	8		
4 / 45		2.0	.8	.1														22	22	7	5
4 / 43	.3	3.0	.5	.1														30	30	26	6
/ 41		5.5	1.2															51	51	34	24
4 / 39	.3	6.3	1.0															58	58	51	21
3 / 37	.7	5.5	1.4															58	58	67	58
/ 35	.4	7.5	3.1	.3	.1													87	87	50	66
3 / 33	.1	5.2	2.5	.7	.1													66	66	70	55
2 / 31	.3	7.6	3.5	.4														90	90	74	43
/ 29	.3	9.4	3.1															98	98	94	52
/ 27	1.4	7.9	1.3															81	81	110	71
/ 25	.5	6.1	.3															52	52	84	94
/ 23	.4	3.0	.4															29	29	47	61
2 / 21	.7	1.7																18	18	27	52
/ 19		.7																5	5	13	53
/ 17	.4	.1																4	4	7	66
1 / 15		.1																1	1	1	19
1 / 13																					10
1 / 11																					5
/																					1
TOTAL	5.6	72.0	19.7	2.1	.5														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.	5020866	61420	80.6	9.604	762		41.7					84
Dry Bulb	870898	25300	33.2	6.371	762		50.4					84
Wet Bulb	776426	23858	31.3	6.220	762		58.1					84
Dew Point	628761	21133	27.7	7.488	762							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] BITBURG AB DL 73-81 FEB
STATION STATION NAME YEARS 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
-- / 47				.7														5	5		
4 / 45		2.5	1.3															29	29	5	2
4 / 43		3.3	.7															30	30	19	3
4 / 41		4.2	1.2															41	41	42	33
4 / 39	.1	5.9	.5															50	50	33	24
3 / 37	1.6	5.0	.8	.1														57	57	64	39
3 / 35	.1	6.2	1.6	.1	.1													62	62	45	64
3 / 33	.8	5.1	2.6															65	65	69	45
2 / 31		5.9	1.6	.4														60	60	75	35
2 / 29		9.4	2.2	.3														91	91	76	47
2 / 27	.9	12.9	2.4															123	123	95	80
2 / 25	.9	5.9	.1															53	53	112	67
2 / 23	.5	7.0	.4															60	60	50	89
2 / 21	.5	1.7																17	17	42	68
/ 19	.1	.7																6	6	17	63
1 / 17		1.0																8	8	12	58
1 / 15		.3																2	2	3	22
1 / 13		.1																1	1	1	7
1 / 11	.1																	1	1	1	9
1 / 9	.1																	1	1	1	6
/ 7																					1
TOTAL	5.9	77.0	15.4	1.6	.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.	5093203	61943	81.3	8.719	762							
Dry Bulb	821356	24486	32.1	6.736	762		46.6					84
Wet Bulb	738117	23183	30.4	6.565	762		53.5					84
Dew Point	597379	20525	26.9	7.649	762		60.9					84

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | FEB 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
4 / 45		1.2	.7	.1														15	15	2	1
4/ 43		2.4	1.2	.3														29	29	10	1
2/ 41	.1	6.0	2.0															62	62	34	17
4 / 39	.1	4.7	.4															40	40	50	29
3 / 37	1.2	5.0	.5															50	50	55	47
/ 35	.1	7.7	.7															65	65	53	56
3 / 33	.7	5.4	2.6	.4														69	69	68	55
2/ 31		6.2	1.3															57	57	80	36
/ 29		7.3	2.9	.4														81	81	49	57
/ 27	1.2	11.3	3.1															118	118	103	66
/ 25	.4	7.5	.4															63	63	99	53
2 / 23	1.2	6.7	.1															61	61	66	82
2/ 21	.8	2.1																22	22	46	78
/ 19	.4	2.3																18	18	20	68
/ 17	.1	.7																6	6	21	54
1 / 15																					33
/ 13		.4																3	3	3	20
1 / 11	.3																	2	2	2	3
/ 9		.1																1	1	1	5
/ 5																					1
TOTAL	6.3	76.6	15.9	1.2														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.	5120821	62135	81.5	8.440	762							
Dry Bulb	795773	24079	31.6	6.770	762		47.6					84
Wet Bulb	715046	22798	29.9	6.581	762		54.0					84
Dew Point	579171	20193	26.5	7.609	762		61.3					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

1 [illegible]0 BITBURG AB DL — STATION / STATION NAME
73-81 — YEARS
FEB — 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
5 / 49		.1																1	1		
[illegible] / 47		.7	.1		.1													7	7	5	
4[illegible] / 45		1.2	.4	.4														15	15	4	6
[illegible]4 / 43	.1	1.6	1.8															27	27	11	8
2 / 41	.5	5.5	.8															52	52	32	7
4 / 39		5.0	.8															44	44	46	26
3 / 37	1.7	6.4	.9	.1														70	70	55	50
[illegible] / 35		6.[illegible]	1.3	.3														58	58	59	48
3 / 33	.8	6.[illegible]	3.3	.5														81	81	67	63
[illegible] / 31	.3	5.1	3.2	.3														67	67	80	46
[illegible] / 29		7.9	3.2	.1														85	85	78	50
[illegible] / 27	1.6	[illegible].8	2.4															112	112	102	67
[illegible] / 25	.5	6.7	.3															57	57	93	71
[illegible] / 23	.3	5.8	.1															47	47	56	76
2 / 21	.3	1.3																12	12	36	87
[illegible] / 19	.7	2.[illegible]																20	20	16	66
[illegible] / 17																				15	43
[illegible] / 15		.1																1	1	1	26
[illegible] / 13		.1																1	1	1	12
1[illegible] / 11	.1																	1	1	1	3
[illegible] / 9	.4																	3	3	3	3
/ 7																					3
TOTAL	7.2	72.4	18.5	1.7	.1														761		761
																		761		761	

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.	5057700	61652	81.0	9.104	761							
Dry Bulb	823149	24517	32.2	6.618	761		44.8					84
Wet Bulb	735539	23149	30.4	6.424	761		53.2					84
Dew Point	594099	20485	26.9	7.493	761		61.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 :100 STATION | BITBURG 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
4/ 53			.1		.1													2	2		
2/ 51		.1			.3													3	3		
5 / 49		.9	.5	.4														14	14	2	
1 / 47		.3	.8	.3														10	10	9	1
4 / 45	.1	2.2	2.5	.7														42	42	15	11
4/ 43	.3	1.3	2.9	.7	.3	.3												43	43	30	9
2/ 41		4.6	2.6	.9	.9	.1												70	70	44	16
4 / 39		6.3	2.9	.9	.7													82	82	48	45
3 / 37	.3	4.5	1.6	2.0	.3													65	65	70	53
1 / 35	.1	5.2	4.3	1.3														82	82	75	61
3 / 33	.4	5.1	5.8	1.7														99	99	72	55
2/ 31		2.8	4.6	.1														57	57	111	42
1 / 29		5.6	4.1	.3														76	76	96	43
2 / 27	1.2	6.7	1.7															73	73	85	89
1 / 25	.3	3.3	.1															28	28	68	71
2 / 23		1.2	.1															10	10	24	88
2/ 21	.1	.3																3	3	7	86
1 / 19		.3																2	2	3	46
1 / 17																				2	34
1 / 15																					4
1 / 13		.1																1	1	1	5
1 / 11																					1
1 / 9																					2
TOTAL	2.8	50.8	34.6	8.9	2.5	.4													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.	4528659	58031	76.2	11.981	762							
Dry Bulb	995935	27121	35.6	6.346	762		27.6					84
Wet Bulb	856412	25130	33.0	6.028	762		43.8					84
Dew Point	660082	21730	28.5	7.287	762		56.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 :100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 53			.3		.1	.1												4	4		
52/ 51		.1	.4	.4	.8		.1	.1										15	15	1	
5 / 49		.1	1.3	1.8	.3	.1		.1										29	29	3	1
4 / 47		.1	1.4	1.3	.3	.3	.1											27	27	6	1
46/ 45		1.6	2.6	2.2	.7	.9	.3											63	63	30	7
44/ 43	.3	1.2	3.0	1.4	2.0	.1												61	61	45	6
42/ 41		5.0	2.4	1.7	1.6													81	81	56	27
4 / 39		5.0	1.4	1.0	1.0													65	65	60	50
3 / 37		3.1	4.6	2.2	.4													79	79	79	64
3 / 35	.4	2.8	6.2	2.2	.4													91	91	70	60
34/ 33	.5	3.7	4.1	2.4														81	81	89	49
2/ 31		1.0	5.1	.7														52	52	110	36
/ 29	.1	3.5	1.3	.1														39	39	85	53
2 / 27	.8	4.1	2.1	.1														54	54	62	82
2 / 25		2.1																16	16	40	69
2 / 23	.3	.4																5	5	24	92
2/ 21																				2	63
/ 19																					51
1 / 17																					33
1 / 15																					7
1 / 13																					6
1 / 11																					4
/ 9																					1
TOTAL	2.4	33.9	36.2	17.7	7.5	1.6	.5	.3											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.	4001417	54141	71.1	14.255	762							
Dry Bulb	1126482	28858	37.9	6.644	762		18.3					84
Wet Bulb	927649	26195	34.4	5.973	762		35.6					84
Dew Point	673152	21930	28.8	7.431	762		54.8					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

1 c130 — STATION
SITBURG AB DL — STATION NAME
73-81 — YEARS
FEB — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 51			.1	.1	.7			.1										8	8		
5 / 49			.9	.1	.3	.1												11	11		
4-/ 47		.3	1.3	.8		.1												19	19	4	
4 / 45	.1	1.8	1.8	.9	.4	.3												41	41	15	5
4/ 43	.3	1.3	2.8	.9	.3	.4												45	45	35	6
2/ 41		6.8	3.0	2.0	.9	.1												98	98	40	23
4 / 39		5.5	1.4	1.0	.7													66	66	71	43
3 / 37	.5	3.4	2.4	1.4	.5													63	63	81	60
7 / 35	.4	4.7	5.2	1.6	.3													93	93	59	66
3-/ 33	.4	3.3	6.7	2.1	.1													96	96	79	54
2/ 31		3.1	4.7	.8														66	66	97	31
7 / 29	.5	5.2	2.5															63	63	107	48
2-/ 27	.9	4.3	2.5															55	55	83	91
2-/ 25	.1	2.8	.1															23	23	51	77
2 / 23	.1	1.6	.3															15	15	29	77
2/ 21																				9	51
/ 19																				2	65
1-/ 17																					43
1-/ 15																					12
1-/ 13																					7
1 / 11																					3
TOTAL	3	44	235	311	8	4	1	0		.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.	4287382	56288	73.9	13.043	762							
Dry Bulb	1030929	27621	36.2	6.250	762		24.5					84
Wet Bulb	870837	25371	33.3	5.857	762		41.7					84
Dew Point	651806	21574	28.3	7.340	762		55.7					84

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[illegible]100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]2/ 51					.4													3	3		
4[illegible]/ 47			.3	.3	.4		.1											8	8		
4[illegible]/ 45	.1	2.0		.4	.4													22	22	7	1
[illegible]4/ 43		2.2	3.0	.3														42	42	21	6
42/ 41		5.9	3.3	.4	.1													74	74	32	25
4 / 39	.4	7.1	1.2	.3	.1													69	69	64	24
3 / 37	.5	4.5	1.4	.4														52	52	83	56
3[illegible]/ 35	.1	5.0	4.2	1.0														79	79	50	74
3[illegible]/ 33	.3	5.9	4.2	1.6														91	91	62	57
[illegible]2/ 31		3.3	4.9	.8														68	68	96	33
3 / 29	.5	8.7	3.7															98	98	106	50
[illegible] / 27	1.3	6.0	3.5															83	83	94	76
2[illegible]/ 25	.1	4.3	.4															37	37	80	97
2[illegible]/ 23	.1	2.0	.4															19	19	36	68
2/ 21	.4	1.4																14	14	14	50
[illegible] / 19		.4																3	3	14	56
1 / 17																				3	55
1 / 15																					20
1 / 13																					8
1 / 11																					5
[illegible] / 9																					1
TOTAL	3.9	58.9	30.8	5.5	.7	.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.	4708948	59340	77.9	10.748	762							
Dry Bulb	917888	26032	34.2	6.127	762		35.5					84
Wet Bulb	800436	24278	31.9	5.947	762		48.8					84
Dew Point	628301	21159	27.8	7.319	762		57.2					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

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
4/ 53			.0		.0	.0													6	6		
2/ 51		.0	.1	.1	.3		.0	.0											31	31	1	
5 / 49		.1	.3	.3	.1	.0		.0											57	57	5	1
7 / 47		.2	.5	.5	.0	.1	.0												84	84	24	2
4 / 45	.0	1.8	1.3	.6	.1	.1	.0												249	249	85	38
4/ 43	.1	2.0	2.0	.5	.3	.1													307	307	197	45
2/ 41	.1	5.4	2.1	.6	.4	.0													529	529	314	172
4 / 39	.1	5.7	1.2	.4	.3														474	474	423	262
3 / 37	.8	4.7	1.7	.8	.1														494	494	554	427
7 / 35	.2	5.6	3.3	.8	.1														617	617	461	495
3 / 33	.5	5.0	4.0	1.2	.0														648	648	576	433
2/ 31	.1	4.4	3.6	.4															517	517	723	302
7 / 29	.2	7.2	2.9	.1															631	631	691	400
2 / 27	1.1	8.0	2.3	.0															699	699	734	622
2 / 25	.4	4.8	.2																329	329	627	599
2 / 23	.4	3.4	.2																246	246	332	633
2/ 21	.3	1.1																	86	86	183	535
/ 19	.1	.7																	54	54	85	468
/ 17	.1	.2																	18	18	60	386
1 / 15		.1																	4	4	5	143
/ 13		.1																	6	6	6	75
1 / 11	.1																		4	4	4	33
/ 9	.1	.0																	5	5	5	19
/ 7																						4
/ 5																						1
TOTAL	4.7	60.7	25.8	6.3	1.9	.4	.1	.0												6095		6095
																			6095		6095	

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.	37818996	474950	77.9	11.520	6095							
Dry Bulb	7382410	208014	34.1	6.817	6095		286.6					672
Wet Bulb	6420462	193962	31.8	6.379	6095		380.9					672
Dew Point	5012751	168729	27.7	7.489	6095		465.3					672

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 4100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
MAR — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 55			.2			.1												3	3		
4/ 53		.7	.4	.5	.4													16	16		
2/ 51		1.1	2.2	.7														33	33	10	2
5 / 49		.8	2.2	1.1														34	34	16	6
4 / 47		1.2	1.4	.7														28	28	33	14
4 / 45		3.2	2.3	.5	.1													51	51	52	32
4/ 43	.1	2.2	3.0	.8	.2													53	53	39	28
2/ 41		3.1	5.5	1.1														81	81	38	34
4 / 39		6.6	6.0	1.0	.1													114	114	63	40
3 / 37	.5	4.8	3.8	.2														78	78	123	45
4 / 35	.4	6.1	6.6	.5														113	113	95	82
3 / 33	.1	3.5	3.8	.7														68	68	105	100
2/ 31		2.6	5.1		.4													68	68	74	88
3 / 29	.1	3.0	1.3	.2														39	39	70	63
2 / 27		1.7	1.2															24	24	54	82
1 / 25		.7	.4															9	9	29	62
2 / 23		.8	1.1															16	16	10	59
2/ 21		.6																5	5	12	31
1 / 19		.4																3	3	10	19
1 / 17		.1																1	1	4	12
1 / 15																					5
1 / 13																					14
1 / 11																					11
1 / 9																					2
1 / 7																					2
1 / 5																					4
TOTAL	1.2	43.1	46.4	8.0	1.2	.1												837	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.	4897828	63496	75.9	9.839	837							
Dry Bulb	1280084	32204	38.5	7.005	837		18.3					93
Wet Bulb	1104394	29864	35.7	6.817	837		29.2					93
Dew Point	878524	26234	31.3	8.205	837		50.4					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 [illegible]00 STATION | BITBURG AB GL STATION NAME | 73-81 YEARS | MAR MONTH

 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
[illegible] / 57			.1															1	1		
5[illegible] / 55		.2	.2															4	4		
4[illegible] / 53		.2	.2															4	4	3	
2[illegible] / 51		.6	1.[illegible]	.1	.4													17	17	7	2
5 / 49		.5	1.7	.5														22	22	7	7
[illegible] / 47		2.4	1.7	.1														35	35	18	5
4[illegible] / 45		3.2	2.3	.7														52	52	52	17
[illegible]4 / 43	.2	1.9	2.9	1.0	.4													53	53	32	35
2 / 41	.1	2.9	3.8	1.1														66	66	40	45
[illegible] / 39		7.9	2.6	.6														93	93	47	24
3[illegible] / 37	.7	6.9	3.2	.1														92	92	109	52
[illegible] / 35		7.9	4.7	.5														109	109	96	57
3[illegible] / 33	.2	4.8	5.1	.2														87	87	112	92
[illegible]2 / 31	.1	3.0	2.4															46	46	95	86
[illegible] / 29		4.1	2.2		.1													53	53	66	70
2[illegible] / 27	.1	3.7	1.7	.2														42	42	59	100
[illegible] / 25	.1	2.0	.1															19	19	41	56
2[illegible] / 23		1.7	.7	.1														21	21	13	84
2 / 21		.7	.4															9	9	16	31
[illegible] / 19		1.0																8	8	9	24
/ 17		.4																3	3	11	8
1[illegible] / 15		.1																1	1	3	9
[illegible] / 13																				1	3
1[illegible] / 11																					17
[illegible] / 9																					6
[illegible] / 7																					1
[illegible] / 5																					6
TOTAL	1.7	55.3	36.9	5.3	.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.	5114453	64957	77.6	9.366	837							
Dry Bulb	1191287	31001	37.0	7.177	837		22.4					93
Wet Bulb	1039648	28920	34.6	6.952	837		34.9					93
Dew Point	836516	25562	30.5	8.174	837		55.7					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 c100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | MAR MONTH

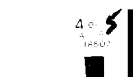
 0600-0800 HOURS (L. S. T.)

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
5 / 55			.4															3	3		
4/ 53		.4	.1															4	4	1	
2/ 51		.6	1.7															13	13	6	1
5 / 49		.5	.8	.2	.1													14	14	7	2
4 / 47		2.5	1.8	.2														38	38	11	9
4 / 45		3.6	2.7	.8														54	54	52	18
4/ 43		1.9	2.6	.2	.2													42	42	36	30
2/ 41		3.8	2.0	.2	.1													52	52	36	42
/ 39	.1	8.5	2.2															90	90	49	32
3 / 37	1.1	7.5	2.9	.2														98	98	98	48
/ 35		6.7	3.9															89	89	88	65
3 / 33	.6	6.9	5.3	.1														108	108	94	76
2 / 31		3.5	3.2															56	56	114	78
/ 29		4.5	.8															45	45	69	72
/ 27		4.2	1.2															45	45	68	103
/ 25	.4	2.6		.2														27	27	35	57
2 / 23		3.2	.7															33	33	19	82
2/ 21		.4	.2															5	5	24	39
/ 19	.1	1.3																12	12	8	22
/ 17		.6																5	5	13	19
1 / 15		.4																3	3	5	9
1 / 13		.1																1	1	4	3
1 / 11																					13
/ 9																					10
/ 7																					3
/ 5																					4
TOTAL	2.3	63.7	31.2	2.4	.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.	5280647	66093	79.0	8.589	837							
Dry Bulb	1141802	30288	36.2	7.401	837		25.8					93
Wet Bulb	1006448	28402	33.9	7.145	837		39.9					93
Dew Point	818463	25257	30.2	8.208	837		57.1					93

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

AD-A118 507 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SITZBERG AIR BASE, WEST GERMANY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82
UNCLASSIFIED USAFETAC/DS-82/039 SBI-AD-E850 198 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c100 STATION | BITBURG 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
- / 57			.2	.1														3	3		
5 / 55			.1															1	1		
4 / 53			.6	.2														7	7	2	
2 / 51		.4	1.2	.1	.4													17	17	7	
5 / 49		.7	2.3	.4														28	28	7	3
- / 47		2.6	2.0	1.0	.1													48	48	36	8
4 / 45		2.7	2.5	1.2	.2													56	56	39	30
4 / 43		1.4	2.3	.4	.1													35	35	48	30
2 / 41		6.1	4.3	.5														91	91	44	41
4 / 39		9.3	2.3															97	97	65	39
3 / 37	.7	5.0	3.3	.1	.1													78	78	119	54
- / 35	.1	6.6	5.5	.6														107	107	69	100
3 / 33	.2	4.2	6.2	.7	.1													96	96	99	88
2 / 31		2.7	3.8	.1														56	56	102	49
- / 29		3.6	1.0	.4														41	41	80	58
2 / 27	.2	1.3	1.3	.2														26	26	45	112
- / 25	.1	1.7	.4															18	18	28	70
- / 23		1.7	.8															21	21	18	55
2 / 21		.5																4	4	14	31
- / 19		.5																4	4	8	19
- / 17		.2																2	2	4	18
1 / 15		.1																1	1	2	7
- / 13																				1	4
1 / 11																					11
1 / 9																					5
- / 7																					5
TOTAL	1.4	51.4	47.1	6.0	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.	5100830	64858	77.5	9.476	837							
Dry Bulb	1236724	31628	37.8	7.053	837		19.2					93
Wet Bulb	1078386	29496	35.2	6.825	837		33.6					93
Dew Point	869800	26136	31.2	8.013	837		49.3					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 [illegible]30 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
MAR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
[illegible]4/ 63					.2													2	2		
[illegible]2/ 61						.4												3	3		
[illegible] / 59				.1	.7	.1	.1	.1										10	10		
[illegible]0/ 57			.1	.6	.2	.4		.1										12	12		
5[illegible]/ 55			.2	1.0	.4	.2	.2											17	17	2	
[illegible]4/ 53		.4	.7	1.7	.4	.2	.1											29	29	5	
[illegible]2/ 51		.1	3.2	.7	1.[illegible]	.1												43	43	19	
5[illegible]/ 49		1.0	2.0	1.1	.4		.1											38	38	26	9
[illegible]/ 47		1.0	1.9	2.0	.7	.2												49	49	59	6
[illegible]/ 45		1.3	4.9	3.3	.8													87	87	44	48
[illegible]/ 43		1.1	5.1	2.5	.5	.1	.1											79	79	52	39
[illegible]2/ 41	.1	5.5	4.7	3.7	.8	.2												126	126	81	41
[illegible] / 39		3.6	4.2	1.8	1.7													94	94	108	48
[illegible] / 37		2.4	5.6	2.9	.2	.1												94	94	91	86
[illegible]/ 35		1.3	5.6	1.2	.4	.1												72	72	83	94
3[illegible]/ 33		.8	2.4	.6	.4													35	35	95	60
[illegible]2/ 31		.6	1.0	.4	.5													20	20	93	43
[illegible] / 29		.2	.4	.7														11	11	30	75
[illegible] / 27		.4	1.0															11	11	19	105
2[illegible]/ 25			.5															4	4	18	45
[illegible]/ 23		.1																1	1	10	45
2/ 21																				2	26
[illegible] / 19																					16
[illegible]/ 17																					11
1[illegible]/ 15																					15
[illegible]/ 13																					7
1 / 11																					8
[illegible] / 9																					7
[illegible] / 7																					1
[illegible] / 5																					2
TOTAL	.1	19.7	43.5	24.3	9.2	2.3	.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.	4091061	57525	68.7	12.825	837							
Dry Bulb	1538782	35408	42.3	6.934	837		5.2					93
Wet Bulb	1255074	31950	38.2	6.514	837		19.1					93
Dew Point	932984	27046	32.3	8.404	837		45.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6100 STATION — BITBURG AB DL STATION NAME — 73-81 YEARS — MAR MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65					.1	.2	.2											5	5		
4/ 63						.2	1.0			.1								11	11		
/ 61						.4	.2		.1									6	6		
/ 59				.4	1.4	.8	.2	.1	.2									27	27		
/ 57				1.1	.6	.2	.2	.1										19	19	2	
5/ 55			.4	1.6	.7	.2	.2											26	26	2	
4/ 53		.4	.2	1.8	1.4	.1	.2											35	35	23	
2/ 51		.1	2.3	1.1	1.8	.1												45	45	24	2
5/ 49		.4	1.4	1.8	1.3	.2	.4											43	43	35	6
/ 47		1.3	.8	2.4	1.9	.5	.4											61	61	45	7
4/ 45		1.3	3.9	5.4	2.0	.5	.6											115	115	61	48
4/ 43		1.6	4.5	3.7	1.6	.4	.2											100	100	62	53
2/ 41		2.5	4.4	4.3	1.4	.6	.1											112	112	95	47
/ 39	.1	1.7	4.2	2.4	2.4	.1	.1											92	92	106	48
3/ 37		.8	3.9	2.2	.5	.4												65	65	97	63
/ 35		.8	2.9	.2	.7	.2												41	41	90	88
3/ 33		.5	.6	.2	.6													16	16	81	65
2/ 31		.4		.6	.2													10	10	67	63
/ 29			.4	.5														7	7	14	65
/ 27			.1															1	1	11	86
/ 25																				21	49
2/ 23																				1	47
2/ 21																					23
/ 19																					17
/ 17																					15
1/ 15																					9
/ 13																					6
1/ 11																					12
/ 9																					10
/ 7																					1
/ 5																					4
/ 3																					3
TOTAL	.1	11.7	30.1	29.5	18.4	5.3	4.2	.2	.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.	3478102	52558	62.8	14.584	837							
Dry Bulb	1728202	37548	44.9	7.237	837		2.0					93
Wet Bulb	1343518	33092	39.5	6.487	837		12.7					93
Dew Point	935097	26969	32.2	8.894	837		45.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6150 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
MAR — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.1	.2	.2			.1								6	6		
62/ 61					.1	.1	.1											3	3		
60/ 59				.2	.7	.7			.2	.1								17	17		
58/ 57			.1	1.1	.7	.2			.1									18	18		
56/ 55			.2	2.0	.4	.5												26	26	2	
54/ 53		.4	.5	1.3	.6	.2	.2											27	27	8	
52/ 51		.4	2.0	.4	.8		.2											32	32	21	
50/ 49		.5	1.7	1.7	.8	.5												43	43	41	5
48/ 47		1.6	1.8	1.7	.7	.2	.1											51	51	37	10
46/ 45	.4	1.1	3.8	3.8	1.8	.2	.2											95	95	59	52
44/ 43		1.9	6.0	3.0	1.2	.4	.1											105	105	57	35
42/ 41		3.7	5.9	3.1	1.2	.7												122	122	79	55
40/ 39		3.5	3.9	2.0	1.7	.1												94	94	113	50
38/ 37	.1	2.2	3.6	2.0	.5	.1												71	71	102	56
36/ 35		.8	5.4	.8	.7	.2												67	67	92	96
34/ 33		.8	1.3	.4	.7													27	27	73	72
32/ 31		.4	.2	.5	.4													12	12	85	52
30/ 29		.4	.2	.6														10	10	23	64
28/ 27		.1	.5	.1														6	6	13	92
26/ 25			.5															4	4	20	42
24/ 23			.1															1	1	8	53
22/ 21																				3	28
20/ 19																				1	9
18/ 17																					19
16/ 15																					10
14/ 13																					5
12/ 11																					15
10/ 9																					8
8/ 7																					3
6/ 5																					5
4/ 3																					1
TOTAL	.5	17.6	37.8	24.6	13.1	4.5	1.3		.4	.2									837		837
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3827728	55300	66.1	14.431	837							
Dry Bulb	1608247	36209	43.3	7.074	837		3.7					93
Wet Bulb	1284083	32329	38.6	6.505	837		17.0					93
Dew Point	925493	26833	32.1	8.836	837		45.1					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 6100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59				.1														1	1		
/ 57				.1	.1				.1									3	3		
5 / 55			.1		1.2													11	11		
4/ 53		.4	.7	1.6														22	22	1	
2/ 51		.4	2.4	.6	.2		.1											31	31	8	
5 / 49		.8	2.2	1.0														33	33	13	3
/ 47		1.1	2.2	1.1		.1	.1											38	38	57	10
/ 45	.2	2.9	3.2	.8	.5	.1												65	65	47	33
4/ 43		1.8	3.7	2.4	.5													70	70	39	30
2/ 41		4.4	7.9	1.9	.4													122	122	57	58
/ 39		7.0	5.0	.5	.2													107	107	83	50
/ 37	.4	2.4	5.4	1.2	.5													82	82	133	65
/ 35		3.5	6.7	1.1														94	94	80	77
/ 33		2.2	3.8	1.2	.1													61	61	93	75
2/ 31		.8	3.0	.1	.5													37	37	82	61
/ 29		1.6	1.0	1.0	.2													31	31	65	74
/ 27		.5	.7	.2														12	12	30	81
/ 25			.2	.2														4	4	21	60
/ 23		.2	.8															9	9	12	68
2/ 21			.5															4	4	9	15
/ 19																				3	22
/ 17																				4	16
/ 15																					4
/ 13																					7
1 / 11																					9
1 / 9																					10
/ 7																					2
/ 5																					7
TOTAL	.6	29.9	49.5	15.1	4.4	.2	.2		.1									837	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.	4494089	60525	72.3	11.851	837							
Dry Bulb	1383694	33560	40.1	6.750	837		10.8					93
Wet Bulb	1163566	30716	36.7	6.595	837		25.1					93
Dew Point	894469	26433	31.6	8.450	837		48.4					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 [illegible]100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 65					.3	.0	.0											5	5		
4/ 63					.3	.1	.1			.0								19	19		
2/ 61					.0	.1	.0		.0									12	12		
/ 59				.1	.4	.2	.0	.0	.1	.0								55	55		
5/ 57			.1	.4	.2	.1	.0	.0	.0									56	56	2	
5 / 55		.0	.2	.6	.3	.1	.1											91	91	6	
4/ 53		.3	.4	.9	.3	.1	.1											144	144	43	
2/ 51		.4	1.9	.5	.6	.0	.0											231	231	102	7
5 / 49		.6	1.8	1.0	.3	.1	.1											255	255	152	41
/ 47		1.7	1.7	1.1	.4	.1	.1											348	348	296	69
4/ 45	.1	2.4	3.1	2.1	.7	.1	.1											575	575	406	278
4/ 43	.0	1.7	3.8	1.7	.6	.1	.1											537	537	365	280
2/ 41	.0	4.0	4.8	2.0	.5	.2	.0											772	772	470	363
4 / 39	.0	6.0	3.8	1.0	.8	.0	.0											781	781	634	331
3/ 37	.4	4.0	4.0	1.1	.2	.1												658	658	872	469
/ 35	.1	4.2	5.2	.6	.2	.1												692	692	693	659
3/ 33	.1	3.0	3.6	.5	.2													498	498	752	628
2/ 31	.0	1.7	2.3	.2	.2													305	305	712	520
/ 29	.0	2.2	.9	.4	.0													237	237	417	541
2 / 27	.0	1.4	1.0	.1														167	167	299	761
/ 25	.1	.9	.3	.1														85	85	213	441
2 / 23		1.0	.5	.0														102	102	91	493
2/ 21		.3	.1															27	27	80	224
/ 19	.0	.4																27	27	39	148
1 / 17		.2																11	11	36	118
1 / 15		.1																5	5	10	68
1 / 13		.0																1	1	6	49
1 / 11																					96
/ 9																					58
/ 7																					18
/ 5																					32
/ 3																					4
TOTAL	1.0	36.5	39.4	14.4	6.1	1.6	.8	.1	.1	.0								6696		6696	
																		6696		6696	

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.	36284738	485312	72.5	12.878	6696							
Dry Bulb	11108122	267846	40.0	7.672	6696		107.4					744
Wet Bulb	9275117	244769	36.6	6.996	6696		211.4					744
Dew Point	7091346	210470	31.4	8.430	6696		396.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6100 STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 61								.1										1	1		
60 / 59				.4														3	3		
58 / 57			.1		.1	.2												4	4		
56 / 55				.2		.4												5	5		
54 / 53		.4	.1	.6	.5	.5	.2											19	19	5	
52 / 51		1.0	1.9	.4	.5	.4												33	33	3	2
50 / 49	.1	.9	2.8	1.5	1.4	.7												60	60	20	7
48 / 47	.1	1.7	2.1	1.9	3.7	.2												73	73	35	11
46 / 45	.2	2.7	3.8	2.1	1.4													83	83	53	27
44 / 43	.4	1.1	3.3	1.7	.4													56	56	67	29
42 / 41	.5	2.5	3.5	4.0	.9	.2												93	93	85	44
40 / 39	.5	3.3	5.2	2.0	1.2													99	99	83	50
38 / 37	1.0	3.1	4.2	3.1	.1													93	93	91	59
36 / 35	.4	3.0	6.3	.6														83	83	101	78
34 / 33	.1	2.5	2.8	.6														49	49	102	83
32 / 31	.1	1.6	2.2	.1														33	33	91	66
30 / 29		1.2	.5															14	14	47	86
28 / 27	.5	.1	.1															6	6	22	100
26 / 25	.1	.2																3	3	2	68
24 / 23																				3	54
22 / 21																					18
20 / 19																					14
18 / 17																					9
16 / 15																					5
TOTAL	4.1	25.3	39.0	19.1	9.4	2.7	.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.	4272506	57754	71.3	13.823	810							
Dry Bulb	1431066	33652	41.5	6.389	810		6.2					90
Wet Bulb	1182211	30591	37.8	5.765	810		18.3					90
Dew Point	893826	26296	32.5	7.045	810		46.7					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 [illegible]100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
APR — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57					.1													1	1		
5[illegible] / 55			.2	.1														3	3		
4[illegible] / 53		.4	.1	.1		.1												6	6		
2[illegible] / 51		.1	.2		.4	.2												8	8	6	
5 / 49		1.6	.9	.2	.2	.1												25	25	8	4
[illegible] / 47	.1	2.6	1.2	1.1	.6													46	46	16	8
4[illegible] / 45	.6	3.7	5.6	2.8	1.4													114	114	43	31
4 / 43	.1	1.7	3.7	1.4	.6													61	61	57	24
2 / 41		2.7	4.7	2.7	.4													85	85	70	36
4 / 39	.1	4.1	5.4	1.5	.9													97	97	70	44
3[illegible] / 37	1.0	4.2	3.1	1.7	.2													83	83	102	51
[illegible] / 35	.6	3.1	7.7	1.5														104	104	106	67
3[illegible] / 33	.4	3.2	3.5	.2														59	59	90	82
2 / 31		3.5	2.3	.1														48	48	116	74
[illegible] / 29	.2	4.7	.9															47	47	59	75
[illegible] / 27	.4	1.2	.2															15	15	48	107
[illegible] / 25	.6	.2																7	7	17	89
[illegible] / 23		.1																1	1	1	71
2 / 21																				1	31
[illegible] / 19																					4
[illegible] / 17																					10
1[illegible] / 15																					2
TOTAL	4.2	37.2	39.8	13.6	4.8	.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.	4658567	60607	74.8	12.368	810							
Dry Bulb	1286020	31894	39.4	6.108	810		13.1					90
Wet Bulb	1093001	29391	36.3	5.728	810		26.9					90
Dew Point	853298	25700	31.7	6.843	810		51.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

 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
4/ 53		.5	.1	.1														6	6		
2/ 51		.1				.1												2	2	5	
5 / 49		1.6	.2		.1													16	16	4	4
8 / 47	.1	2.1	.5	1.0	.7													36	36	16	6
4 / 45	.7	3.0	5.7	1.4	.4													90	90	33	32
4/ 43		2.6	3.7	2.3	.6													75	75	42	14
2/ 41		3.3	3.1	2.6	.2													75	75	74	23
4 / 39	.1	5.4	4.9	.7	.1													92	92	65	51
3 / 37	1.6	4.3	1.7	1.5	.1													75	75	98	64
3 / 35	.5	4.9	8.3	1.0														119	119	103	64
3 / 33	1.0	4.3	4.9															83	83	100	72
2/ 31	.1	3.8	2.5															52	52	124	86
1 / 29		5.2	1.1															51	51	63	62
2 / 27	1.4	2.2	.2															31	31	63	128
1 / 25	.1	.4																4	4	17	95
2 / 23	.2	.1																3	3	2	69
2/ 21																				1	29
/ 19																					4
1 / 17																					7
TOTAL	5.9	44.0	37.0	10.6	2.3	.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.	4941392	62572	77.2	11.540	810							
Dry Bulb	1217196	31032	38.3	5.917	810		15.7					90
Wet Bulb	1052825	28851	35.6	5.581	810		30.0					90
Dew Point	841138	25558	31.6	6.550	810		53.3					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

[illegible] 10 | BITBURG AB GL | 73-81 | APR
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 63				.1			.1											2	2		
[illegible]/ 61							.1											1	1		
/ 59			.1		.2	.2	.5											9	9		
/ 57			.4	.1	.5	.9	.1											16	16	1	
5 / 55		.1	.1	.2	.2	.9												13	13	1	
4/ 53		.2	.6	1.2	1.6	.5	.1											35	35	4	
2/ 51		.5	1.6	1.6	.9	.2												39	39	10	5
[illegible] / 49		.7	1.9	1.1	.7	.4												39	39	29	3
[illegible] / 47		1.6	2.5	1.5	1.7	.1												60	60	43	11
4 / 45	.5	4.0	3.8	3.1	1.4	.2												105	105	79	38
4/ 43	.2	1.6	2.8	3.0	.9	.2												71	71	64	37
2/ 41	.2	3.0	4.8	4.3	.6													105	105	75	53
4 / 39		4.8	3.6	2.5	.4													91	91	76	52
3 / 37	.7	2.3	5.4	1.4														80	80	116	68
[illegible] / 35	.1	1.9	4.7	.4														57	57	90	77
3 / 33	.5	2.3	2.6															44	44	104	86
2/ 31		2.0	.7															22	22	64	59
[illegible] / 29	.1	1.4																12	12	37	77
[illegible] / 27	.6	.1																6	6	14	127
[illegible] / 25	.1	.2																3	3	3	62
2 / 23																					41
2/ 21																					10
[illegible] / 19																					4
TOTAL	3.2	26.8	35.7	20.5	9.1	3.7	1.0												810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4260132	57700	71.2	13.612	810							
Dry Bulb	1516033	34599	42.7	6.866	810		4.8					90
Wet Bulb	1247634	31434	38.8	5.858	810		13.1					90
Dew Point	947327	27179	33.6	6.611	810		42.2					90

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

I 7100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
APR — 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
./ 71									.1									1	1		
/ 69									.1									1	1		
6 / 67					.1			.1										2	2		
6/ 65						.1	.1	.2	.7									10	10		
4/ 63				.4	.2	.7	.7	1.1	.6									31	31		
./ 61				.4	.9	.5	1.7	.5	.1									33	33		
/ 59			.2	.2	.4	1.4	2.0	.5										38	38	1	
/ 57			.4	1.1	.9	1.5	.4	.2										36	36	4	
5 / 55			.4	.6	1.7	1.9	.4											40	40	9	
4/ 53			.6	1.1	1.4	1.1	.7	.1										41	41	21	3
2/ 51		.1	1.5	.5	1.7	1.2	.7											47	47	39	5
5 / 49		.6	2.2	1.5	.9	1.1	.1											52	52	59	7
4/ 47		1.1	.7	2.1	2.1	.6	.5											58	58	85	15
4 / 45	.4	.6	2.6	3.8	4.3	2.0												108	108	61	51
4/ 43		.4	1.7	3.8	1.6	.4												64	64	57	23
2/ 41	.4	2.8	3.3	3.5	2.3	.1												101	101	71	62
4 / 39	.1	2.0	2.0	2.3	.1													53	53	92	53
5 / 37	.2	1.6	2.1	1.2														42	42	117	71
3 / 35	.2	1.0	2.1	.1														28	28	84	87
3 / 33		1.0	1.1	.1														18	18	61	63
2/ 31		.1	.2															3	3	36	70
/ 29		.4																3	3	10	62
/ 27																				3	95
/ 25																					61
/ 23																					55
2/ 21																					12
/ 19																					11
/ 17																					4
TOTAL	1.4	11.7	21.2	22.8	18.3	12.6	7.4	2.8	1.7									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.	3177195	49029	60.5	16.092	810							
Dry Bulb	1905685	38705	47.8	8.335	810		.7	.4				90
Wet Bulb	1431275	33657	41.6	6.364	810		5.4					90
Dew Point	969235	27393	33.8	7.277	810		41.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73										.1								1	1		
/ 71									.2									2	2		
/ 69											.1							1	1		
6 / 67					.1	.2	.1	.1	.5	1.0								17	17		
6/ 65					.1	.5	.5	.6	1.2	.1								25	25		
4/ 63					.5	.7	.6	4.7	.9									60	60		
/ 61				.4	.9	.6	1.2	.7	.2									33	33		
/ 59				.1	.5	1.1	1.7	1.5										40	40	2	
/ 57				.9	.6	1.4	1.5	.4										38	38	3	
5 / 55				.2	.9	1.7	1.4	.5	.1									33	33	17	
4/ 53			1.2	.9	.5	1.0	2.0	.5	.1									50	50	26	1
2/ 51		.1	1.6	1.4	1.5	.5	1.2	.1										52	52	51	5
5 / 49		.4	.6	1.2	1.7	1.4	.7	.1										50	50	75	4
/ 47		.5	.9	1.0	3.3	1.2	1.0											61	61	75	17
4 / 45		1.2	2.5	3.1	3.6	1.6	.1											98	98	51	42
4/ 43		1.0	1.7	3.2	2.6	.5												73	73	80	28
2/ 41		2.0	2.7	2.7	2.6	.2												83	83	68	51
4 / 39	.2	1.2	1.5	.9	.4													34	34	100	52
3 / 37	.2	1.6	1.5	.5														31	31	112	70
/ 35		.5	1.1	.4														16	16	80	69
3 / 33		.9	.2	.4														12	12	40	81
2/ 31																				23	74
/ 29																				7	70
/ 27																					88
/ 25																					48
/ 23																					51
2/ 21																					31
/ 19																					17
/ 17																					6
1 / 15																					1
/ 13																					3
/ 11																					1
TOTAL	.5	9.4	15.6	17.2	19.4	12.0	12.1	9.3	3.3	1.2	.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.	2686883	44447	54.9	17.507	810							
Dry Bulb	2398930	40602	50.1	8.875	810			2.3	.1			90
Wet Bulb	1496199	34437	42.5	6.301	810		3.3					90
Dew Point	935718	26851	33.1	7.515	810		43.3					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]30 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 71										.1								1	1		
/ 69								.1		.1								2	2		
[illegible] / 67								.1	.1	.4								5	5		
6 / 65					.1	.2	.1	.2	.6	.1								12	12		
4 / 63				.1	.4	1.1	.7	1.7	1.5									45	45		
[illegible] / 61			.1	.2	.5	.2	1.5	.6	.5									30	30		
/ 59				.2	.6	.7	1.9	1.1										37	37		
[illegible] / 57			.1	.5	.6	.9	1.6	.2										32	32	5	
5 / 55			.2	.7	1.[illegible]	1.6	1.9	.1										45	45	8	
4 / 53			.6	1.[illegible]	.5	.6	2.1	.4	.1									43	43	26	2
[illegible] / 51		.1	1.6	.7	1.5	1.4	1.5	.1										56	56	27	3
5 / 49			1.4	1.5	.5	1.[illegible]	.2	.1										38	38	60	5
[illegible] / 47	.5	1.1	2.1	1.5	2.3	1.[illegible]	.7											75	75	77	17
4 / 45		.9	2.2	2.[illegible]	4.1	1.5	.5											90	90	69	44
4 / 43	.2	.4	2.2	3.7	2.1	.5												74	74	71	32
2 / 41	.1	3.1	3.6	2.6	2.5	.5												100	100	75	43
4 / 39	.2	1.2	2.5	1.5	.4													47	47	96	39
[illegible] / 37	.2	1.4	2.1	.5	.1													35	35	106	74
[illegible] / 35		.7	1.6		.1													20	20	91	66
3 / 33		1.[illegible]	1.2	.1														19	19	52	68
2 / 31		.1	.2															3	3	32	72
/ 29		.1																1	1	14	84
2 / 27																				1	98
/ 25																					63
2 / 23																					50
2 / 21																					20
/ 19																					13
[illegible] / 17																					5
1 / 15																					6
[illegible] / 13																					5
[illegible] / 9																					1
TOTAL	1.4	13.1	21.9	16.9	17.3	11.2	12.7	4.9	2.8	.7									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.	2962199	46753	57.7	18.052	810							
Dry Bulb	1962912	39276	48.5	8.501	810		.4	.9				90
Wet Bulb	1431235	33679	41.6	6.180	810		5.2					90
Dew Point	923098	26654	32.9	7.542	810		46.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]00 | BITBURG AB DL | 73-81 | APR
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 / 65									.1									1	1		
67 / 63					.2			.2										4	4		
[illegible] / 61					.2	.4		.2										7	7		
[illegible] / 59				.1	.2	.4	.5	.5										14	14		
[illegible] / 57		.4		.5	.1	.7	.6	.5										23	23		
57 / 55			.4	.9	.6	1.4	.6											31	31	5	
47 / 53		.4	.2	1.0	2.0	.6	.4											37	37	6	3
27 / 51		.4	1.6	.6	1.7	1.6	.2											50	50	16	
57 / 49		.7	2.2	1.0	1.2	1.2	.1											53	53	26	8
[illegible] / 47		1.5	1.1	1.4	1.5	.9												51	51	49	12
47 / 45	.4	2.1	4.7	4.2	1.6	1.0	.1											114	114	66	34
47 / 43	.2	.7	1.7	3.0	1.9	.4												64	64	82	36
27 / 41	.5	2.8	3.1	3.6	1.2	.6												96	96	87	36
47 / 39	.2	3.6	3.2	3.1	1.6													95	95	93	53
37 / 37	.7	1.6	4.0	2.5	.4													74	74	99	60
[illegible] / 35	.1	1.9	2.1	.7	.1													40	40	80	77
33 / 33	.1	2.0	2.1	.1														35	35	90	74
27 / 31		.6	.4	.2														10	10	69	61
[illegible] / 29		.2	.2															4	4	28	100
[illegible] / 27	.6	.1	.1															7	7	11	84
[illegible] / 25																				3	66
[illegible] / 23																					54
27 / 21																					18
[illegible] / 19																					16
[illegible] / 17																					10
17 / 15																					6
[illegible] / 13																					2
TOTAL	3.0	19.0	27.2	22.8	14.7	9.1	2.6	1.5	.1										810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3705144	53172	65.6	16.291	810							
Dry Bulb	1630329	35871	44.3	7.186	810		2.3					90
Wet Bulb	1280688	31846	39.3	5.949	810		12.3					90
Dew Point	909106	26472	32.7	7.372	810		46.3					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6100 — STATION
GITBURG AB DL — STATION NAME
73-81 — YEARS
APR — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73										.0								1	1		
2/ 71									.0	.0								4	4		
/ 69								.0	.0	.0	.0							4	4		
6 / 67					.0	.0	.0	.0	.1	.2								24	24		
6/ 65					.0	.1	.1	.1	.3	.0								48	48		
4/ 63				.1	.2	.3	.3	1.0	.4									142	142		
2/ 61			.0	.1	.3	.2	.6	.3	.1									105	105		
/ 59			.0	.1	.2	.5	.8	.4										141	141	3	
/ 57		.0	.1	.4	.4	.7	.5	.2										150	150	13	
5 / 55		.0	.2	.4	.6	.9	.5	.1	.0									170	170	40	
4/ 53		.2	.5	.8	.8	.6	.7	.1	.0									237	237	88	9
2/ 51		.3	1.2	.6	1.0	.7	.5	.0										287	287	157	20
5 / 49	.0	.8	1.5	1.0	.8	.7	.2	.0										333	333	281	42
/ 47	.1	1.5	1.4	1.4	1.9	.5	.3											460	460	396	97
/ 45	.4	2.3	3.9	2.8	2.2	.8	.1											802	802	455	299
4/ 43	.2	1.2	2.6	2.8	1.3	.2												538	538	520	223
2/ 41	.2	2.8	3.6	3.2	1.3	.2												738	738	605	348
4 / 39	.2	3.2	3.5	1.8	.6													608	608	675	394
3 / 37	.7	2.5	3.0	1.5	.1													513	513	841	517
/ 35	.2	2.1	4.2	.6	.0													467	467	735	585
3 / 33	.3	2.1	2.3	.2														319	319	639	609
2/ 31	.1	1.5	1.1	.1														171	171	555	562
/ 29	.0	1.7	.3															132	132	265	616
/ 27	.4	.5	.1															65	65	162	827
/ 25	.1	.1																17	17	42	552
/ 23	.1	.0																4	4	6	445
2/ 21																				2	169
/ 19																					83
/ 17																					51
1 / 15																					20
/ 13																					10
/ 9																					2
TOTAL	2.9	22.9	29.7	17.9	11.9	6.5	4.5	2.3	1.0	.2	.0							6480		6480	
																			6480		6480

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.	30664018	432034	66.7	16.941	6480							
Dry Bulb	13048171	285631	44.1	8.407	6480		43.2	3.7	.1			720
Wet Bulb	10215068	253886	39.2	6.429	6480		114.7					720
Dew Point	7272746	212102	32.7	7.140	6480		370.8					720

FORM AS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-100 STATION | BITBURG 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
6/ 65							.1											1	1		
4/ 63		.1		.1	.1	.2												5	5		
2/ 61		.4	.1		.8	.4												14	14	1	
/ 59		.2	.4	.4	1.7	.2												24	24	3	2
/ 57		.2	.5	1.4	1.0													26	26	4	2
5./ 55	.1	1.0	.8	3.5	1.3	.1												57	57	13	5
4/ 53	.4	2.5	3.1	3.2	1.7	.1	.1											93	93	32	11
2/ 51		5.1	5.9	1.0	1.9	.2												118	118	71	20
5 / 49	.2	3.5	5.3	1.7	.7	.5												99	99	114	42
/ 47	.4	6.1	3.3	1.6	1.2	.1												106	106	111	81
4/ 45	.1	4.5	3.3	1.9	1.7													97	97	142	121
4/ 43	.5	1.8	2.9	3.2	.6													75	75	81	105
2/ 41		2.5	1.6	1.6														47	47	66	83
/ 39		1.6	2.2	.7														37	37	68	66
3 / 37	.4	.4	1.2															16	16	64	71
/ 35	.1	.5	.7															11	11	34	64
3 / 33	.1	.5	.2															7	7	24	28
2/ 31		.2																2	2	5	45
/ 29		.1																1	1	3	35
/ 27																					42
/ 25																					13
TOTAL	.2	3.1	2.1	1.5	2.0	2.1	1.9	.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.	4788685	62325	74.6	13.053	836							
Dry Bulb	2015828	40754	48.7	5.905	836		.3					93
Wet Bulb	1711681	37543	44.9	5.548	836		.9					93
Dew Point	1421470	33990	40.7	6.879	836		15.0					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 c130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 61					.1													1	1		
/ 59		.4		.1	.8													11	11		
/ 57		.1	.1	.7	.6													13	13	3	3
5 / 55		1.0	.6	2.6	.4													38	38	1	1
4 / 53	.1	1.3	1.3	2.4	.6													48	48	14	6
2 / 51	.1	5.7	4.2	1.0	.7													98	98	44	7
5 / 49	.5	2.9	2.9	1.4	.2													66	66	97	29
/ 47	.2	5.3	3.9	2.2	.7													103	103	101	57
4 / 45	.4	10.9	5.7	1.2	.5													156	156	120	133
4 / 43	1.2	3.2	3.1	1.9	.1													80	80	117	95
2 / 41	.4	5.4	3.9	1.8	.1													97	97	79	107
4 / 39	.1	2.0	3.0	.7														49	49	82	68
3 / 37	.4	1.7	2.3	.1														37	37	64	88
3 / 35	.2	.7	.8	.1														16	16	51	55
3 / 33	.1	1.2	.8															18	18	44	37
2 / 31		.5																4	4	15	46
/ 29		.2																2	2	5	39
/ 27																					55
/ 25																					9
2 / 23																					2
TOTAL	3.7	42.4	32.7	16.2	4.9														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.	5279916	65778	78.6	11.500	837							
Dry Bulb	1818313	38715	46.3	5.743	837		.7					93
Wet Bulb	1590870	36198	43.2	5.512	837		2.2					93
Dew Point	1357839	33255	39.7	6.615	837		16.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 63		.1																1	1		
2/ 61		.1	.1		.2													4	4	1	
/ 59		.2	.1	.5	.4													10	10	1	1
/ 57		.2	.2	.5	.2													10	10	3	3
5 / 55	.1	.6	1.4	1.7	.4													35	35	4	1
4/ 53	.1	1.9	2.2	2.2	.4													56	56	15	7
2/ 51	.2	3.3	5.7	.7	.2													80	80	55	9
5 / 49	.2	4.1	4.1	1.1	.4													82	82	71	32
4 / 47	.1	5.9	3.2	1.6	.4													93	93	114	64
4 / 45	.4	10.0	5.5	1.9	.7													155	155	126	125
4/ 43	1.1	3.9	3.3	1.9	.2													88	88	103	111
2/ 41	.7	5.1	2.9	1.9														89	89	80	96
4 / 39	.2	2.2	2.6	.7														48	48	85	80
3 / 37	.4	1.7	1.8	.1														33	33	53	68
/ 35	.1	1.0	1.6															22	22	55	42
3 / 33	.2	1.3	.5															17	17	38	46
2/ 31	.1	1.3	.1															13	13	27	44
/ 29	.1																	1	1	6	37
/ 27																					57
/ 25																					12
2 / 23																					2
TAL	4.2	43.0	34.6	14.7	3.5														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.	5430801	66571	79.5	11.263	837							
Dry Bulb	1808423	38587	46.1	5.941	837		1.6					93
Wet Bulb	1591837	36185	43.2	5.735	837		3.7					93
Dew Point	1372058	33410	39.9	6.782	837		16.9					93

USAFETAC FORM AA 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 6190 STATION — BITBURG AB DL STATION NAME — 73-81 YEARS — MAY 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
7[illegible]/ 71							.1	.1										2	2		
[illegible]/ 69			.1		.2	.4	.1											7	7		
6[illegible]/ 67					.1	.5	.2											7	7		
6/ 65			.2	.4	.6	.2	.4											15	15	1	
4/ 63		.1	.2	.6	1.8	1.1	.2											34	34	3	1
2/ 61			.2	.4	1.7	.7	.2											27	27	3	3
[illegible]/ 59		.2	1.3	1.3	1.8	.7	.4											48	48	13	1
5[illegible]/ 57		.5	1.6	1.8	1.7	.8	.1											54	54	22	2
5[illegible]/ 55		1.2	2.2	4.1	1.4	1.0	.2											84	84	42	14
4/ 53	.1	1.3	4.2	4.4	1.9	.6												105	105	59	15
2/ 51		2.0	5.5	1.6	.7	.6	.4											90	90	72	37
5/ 49		2.5	3.5	1.7	1.1	.6												78	78	116	49
4/ 47	.2	3.3	2.4	1.6	1.1	.1												73	73	141	75
4[illegible]/ 45	.1	5.6	2.7	1.8	1.4													92	92	107	167
4/ 43	.4	2.0	1.9	1.6	.2													51	51	69	93
2/ 41		.8	.8	1.7	.1													29	29	63	95
4/ 39		.8	1.1	.6														21	21	49	65
3[illegible]/ 37	.1	.4	.7	.1														11	11	37	46
3[illegible]/ 35		.7	.2															8	8	19	36
3[illegible]/ 33		.1																1	1	20	33
[illegible]2/ 31																				1	27
[illegible]/ 29																					38
2[illegible]/ 27																					31
[illegible]/ 25																					6
2[illegible]/ 23																					3
TOTAL	1.0	21.7	28.2	23.4	15.9	7.3	2.4	.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.	4373972	59400	71.0	13.769	837							
Dry Bulb	2279902	43300	51.7	6.908	837			1.8				93
Wet Bulb	1875883	39313	47.0	5.930	837		.1					93
Dew Point	1525666	35250	42.1	7.014	837		11.7					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 c100 STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | MAY MONTH

 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
/ 79										.1								1	1		
7 / 77						.1	.1		.2	.4								7	7		
6 / 75						.1	.2		.1									4	4		
4 / 73				.2		.2	.8	.4	.2									16	16		
7 / 71						.2	.7	.6	.4									16	16		
/ 69			.1			.8	1.2	.6	.2									25	25		
6 / 67					.1	.5	1.6	.4										21	21	3	
6 / 65				.1	.2	1.2	1.3	.6	.1									30	30	3	
4 / 63				.4	1.6	2.3	2.5	1.2	.6									71	71	4	3
/ 61			.7	1.4	2.2	2.2	1.1	.7										69	69	13	1
/ 59		.1	1.1	2.2	4.2	2.6	1.0	.6										98	98	29	1
/ 57		.2	.8	2.3	3.5	2.2	.6	.5										84	84	43	4
5 / 55		.4	1.6	2.5	2.2	1.9	1.0											79	79	64	15
4 / 53		1.0	1.6	1.9	1.7	1.1	.8											67	67	98	18
2 / 51		1.3	1.7	1.2	1.7	1.0	.1											58	58	110	35
5 / 49		1.6	1.9	1.4	.4	.5												48	48	116	55
4 / 47		1.9	1.2	.1	1.6	.2												42	42	89	80
4 / 45		2.2	2.3	1.1	1.7													60	60	92	142
4 / 43		.4	.6	.6	.7													19	19	60	89
2 / 41		.1	.5	.4														8	8	44	101
4 / 39		.2	.5	.4														9	9	24	68
3 / 37		.2																2	2	26	47
/ 35			.1															1	1	13	33
3 / 33		.1																1	1	5	27
2 / 31																					32
/ 29																					32
2 / 27																					36
/ 25																					16
2 / 23																					1
TOTAL		9.7	14.6	16.1	21.5	17.1	13.0	5.5	1.9	.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.	3171904	49876	59.7	15.332	836							
Dry Bulb	2749777	47483	56.8	7.950	836			10.0	3.1	.1		93
Wet Bulb	2068905	41279	49.4	6.062	836			.3				93
Dew Point	1522177	35145	42.0	7.317	836		13.0					93

USAFETAC FORM AS 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 5130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
MAY — 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
/ 81								.2										2	2		
/ 79							.2	.2		.6	.2							11	11		
7 / 77							.1	.2	.2	.6	.1							11	11		
6 / 75						.2	.7	.6	.2									15	15		
4 / 73							.6	.7	.2	.5								17	17		
2 / 71							.1	1.4	.1	.4								17	17		
/ 69							1.1	2.0	.1									27	27		
6 / 67					.2	.6	1.7	1.1	.2									32	32	4	
5 / 65					.2	1.0	2.0	1.8	.5									46	46	5	
4 / 63			.1	1.0	1.7	4.5	2.5	2.2	1.7	.1								115	115	8	
2 / 61			.5	1.0	1.6	3.2	2.5	.7										79	79	18	3
/ 59			1.7	.6	1.3	2.9	1.3	1.4										71	71	28	5
/ 57			.6	1.9	2.2	1.4	.8	.6										63	63	50	3
5 / 55		.4	2.2	3.9	1.9	1.9	1.2	.1										89	89	76	17
4 / 53		.4	1.6	2.2	1.7	.8	1.2	.1										66	66	107	8
2 / 51		.6	1.8	1.1	1.2	1.0												47	47	116	33
5 / 49		1.3	.6	.2	.8	.6												30	30	119	43
4 / 47		1.4	.7	.6	1.7	.2												33	33	90	78
4 / 45	.4	.8	1.4	.5	1.7	.2												36	36	78	145
4 / 43		.5	.2	1.1	.2													16	16	45	80
2 / 41		.1		.4														4	4	44	115
4 / 39		.1	.2	.4														6	6	16	69
3 / 37		.4																3	3	19	51
/ 35			.1															1	1	10	37
3 / 33																				4	31
2 / 31																					24
/ 29																					30
/ 27																					46
/ 25																					16
2 / 23																					2
2 / 21																					1
TOTAL	.4	6.0	11.0	13.6	14.9	18.6	16.1	13.5	3.3	2.2	.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.	2716538	45810	54.7	15.623	837							
Dry Bulb	2970182	49366	59.0	8.372	837			14.7	6.2	.8		93
Wet Bulb	2138944	42012	50.2	6.012	837			.4				93
Dew Point	1494546	34830	41.6	7.350	837		13.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] 00100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | MAY 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
[redacted] / 81								.1										1	1		
[redacted] / 79								.2		.1								3	3		
7[redacted] / 77								.1	.2	.2	.1							6	6		
6[redacted] / 75					.1	.1	.4	.4	.2	.1								11	11		
4[redacted] / 73						.4	.2	.7	.6	.2								18	18		
2[redacted] / 71					.1	.1	.4	1.2	.5									19	19		
[redacted] / 69						.4	.7	1.3	.1									21	21		
5[redacted] / 67					.1	.4	1.1	.7										19	19	2	
6[redacted] / 65				.1	.2	.8	2.3	1.2	1.2									49	49	4	
4[redacted] / 63		.1	.1	.7	1.4	2.5	2.4	1.2	1.6									84	84	8	1
2[redacted] / 61			.2	.4	2.4	2.7	2.5	.6	.1									75	75	11	2
[redacted] / 59			.4	1.1	1.7	3.1	2.4	1.3	.2									85	85	25	4
[redacted] / 57		.2	.8	1.6	2.0	1.7	.6	.6										63	63	41	7
5[redacted] / 55		1.0	3.1	1.9	1.0	1.9	1.6	.2										89	89	62	10
4[redacted] / 53		.7	2.5	2.3	1.8	.7	1.3	.1										79	79	98	7
2[redacted] / 51		1.2	2.3	1.2	1.2	.7	.1											56	56	126	29
5[redacted] / 49	.2	1.0	1.0	.5	1.1	.7												37	37	121	54
[redacted] / 47	.4	1.6	1.4	.2	.8	.2	.1											40	40	97	82
4[redacted] / 45		1.8	1.2	1.0	1.0	.4												44	44	87	134
[redacted] / 43		.6	.7	.6	.4													19	19	50	89
2[redacted] / 41		.1	.4	.4														7	7	47	106
[redacted] / 39		.5	.1	.4	.4													11	11	23	55
3[redacted] / 37		.1																1	1	20	55
[redacted] / 35																				9	42
3[redacted] / 33																				3	36
2[redacted] / 31																				3	25
[redacted] / 29																					25
[redacted] / 27																					44
[redacted] / 25																					19
2[redacted] / 23																					4
2[redacted] / 21																					7
TOTAL	.6	8.8	14.2	12.2	15.7	16.8	16.0	10.0	4.8	.7	.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.	2972140	47748	57.0	17.233	837							
Dry Bulb	2836875	48259	57.7	8.067	837			10.9	4.3	.1		93
Wet Bulb	2081045	41443	49.5	5.895	837		.3	.2				93
Dew Point	1481479	34633	41.4	7.613	837		13.8					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 6100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75							.1											1	1		
74/ 73							.1											1	1		
72/ 71						.1		.1										2	2		
70/ 69						.2	.1	.2										5	5		
68/ 67				.1			.4											4	4		
66/ 65			.1		.1	.7	.4	.2										13	13		
64/ 63		.2		.7	.5	2.3	.8											38	38	2	
62/ 61		.1	.4	.7	.8	1.2												27	27	7	
60/ 59			.4	1.0	3.7	3.3	.7	.2										78	78	3	5
58/ 57		.1	1.0	1.4	1.8	1.7	.7											56	56	15	1
56/ 55		2.2	2.4	2.9	1.4	2.4	.5											98	98	29	11
54/ 53	.1	1.3	2.5	3.1	1.7	.5	.5											81	81	75	11
52/ 51		2.4	5.4	1.7	3.2	.7	.2											114	114	89	26
50/ 49	.1	2.3	3.1	1.2	.8	.4	.4											69	69	122	38
48/ 47	.2	1.9	2.3	1.6	1.6	.5												67	67	122	73
46/ 45	.4	3.9	1.6	1.4	2.3	.5												84	84	114	150
44/ 43	.2	1.6	.8	1.9	.2													40	40	76	90
42/ 41	.2	1.3	.4	1.7														30	30	60	104
40/ 39		.8	.6	.4														15	15	44	62
38/ 37		.5	.4															7	7	44	55
36/ 35		.5		.1														5	5	24	42
34/ 33			.1															1	1	8	41
32/ 31		.1																1	1	3	27
30/ 29																					31
28/ 27																					50
26/ 25																					12
24/ 23																					4
22/ 21																					3
20/ 19																					1
TOTAL	1.3	19.2	21.3	19.8	18.2	14.5	4.9	.8											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.	3972812	56120	67.0	15.850	837							
Dry Bulb	2333542	43834	52.4	6.737	837		.1	1.4	.2			93
Wet Bulb	1864275	39219	46.9	5.641	837		.3					93
Dew Point	1452227	34329	41.0	7.275	837		14.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81								.0										3	3		
/ 79							.0	.1		.1	.0							15	15		
7 / 77						.0	.0	.0	.1	.1	.0							24	24		
6 / 75					.0	.1	.2	.1	.1	.0								31	31		
4 / 73				.0		.1	.2	.2	.1	.1								52	52		
/ 71					.0	.1	.2	.4	.1	.0								56	56		
/ 69			.0		.0	.2	.4	.5	.1									85	85		
6 / 67				.0	.1	.2	.6	.3	.0									83	83	9	
6 / 65			.0	.1	.2	.5	.8	.5	.2									154	154	13	
4 / 63		.1	.1	.4	.9	1.6	1.1	.6	.5	.0								348	348	25	5
2 / 61		.1	.3	.5	1.2	1.3	.8	.3	.0									296	296	54	9
/ 59		.1	.6	.9	1.9	1.6	.7	.4	.0									425	425	102	19
0 / 57		.2	.7	1.4	1.6	1.0	.4	.2										369	369	181	25
5 / 55	.0	.9	1.8	2.8	1.2	1.2	.6	.0										569	569	291	74
4 / 53	.1	1.3	2.4	2.7	1.4	.5	.5	.0										595	595	498	83
2 / 51	.0	2.7	4.0	1.2	1.4	.5	.1											661	661	683	196
5 / 49	.2	2.4	2.8	1.2	.7	.4	.0											509	509	876	342
4 / 47	.2	3.4	2.3	1.2	1.0	.2	.0											557	557	865	590
4 / 45	.2	5.0	2.9	1.3	1.3	.1												724	724	866	1117
4 / 43	.4	1.7	1.7	1.6	.3													388	388	601	752
2 / 41	.2	1.9	1.3	1.2	.0													311	311	483	807
4 / 39	.0	1.0	1.3	.5	.0													196	196	391	533
3 / 37	.1	.7	.8	.0														110	110	327	481
2 / 35	.1	.4	.4	.0														64	64	215	351
3 / 33	.1	.4	.2															45	45	146	279
2 / 31	.0	.3	.0															20	20	54	270
/ 29	.0	.0																4	4	14	267
/ 27																					361
/ 25																					103
/ 23																					18
2 / 21																					11
/ 19																					1
TOTAL	1.7	22.8	23.5	17.0	13.4	9.5	6.6	3.7	1.3	.4	.1							6694	6694		6694
																		6694		6694	

Element (X)	$\Sigma X'$	Σx^2	$\bar{X}$	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.	32676768	453628	67.8	17.008	6694							
Dry Bulb	18812772	350298	52.3	8.483	6694		2.7	38.8	13.9	1.0		744
Wet Bulb	14923440	313192	46.8	6.353	6694		7.6	1.0				744
Dew Point	11627462	274842	41.1	7.159	6694		114.6					744

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 4130 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
8/ 75							.1											1	1		
4/ 73							.2											2	2		
1/ 71							.1	.1										2	2		
/ 69						.5	.1	.2										7	7		
8/ 67			.1	.1	.6	.2	.6	.4										17	17		
6/ 65		.2	.5	.6	.4	.1	.2	.1										18	18		
4/ 63	.1	1.2	1.2	1.7	2.1	.4	.2											57	57	12	2
2/ 61		1.9	2.5	3.2	1.5	.5	.1											78	78	17	10
/ 59		1.6	2.7	3.8	.9	.6	.1											79	79	37	12
5/ 57		2.5	3.6	3.7	.6	.2												86	86	71	20
5/ 55	.1	4.6	2.8	3.1	1.?	.1												95	95	107	45
4/ 53	1.4	5.8	3.7	1.5	1.6													113	113	134	102
2/ 51	.6	2.6	1.6	1.2	.1													50	50	105	109
5/ 49	.5	2.8	4.3	1.?	.4													73	73	83	103
4/ 47	.1	4.9	1.9	.1	.1													58	58	75	73
4/ 45	.1	3.7	2.1	.1														49	49	89	120
4/ 43		.9	.5															11	11	46	68
2/ 41		.6	.9	.1														13	13	18	47
4/ 39			.1															1	1	8	54
3/ 37																				7	26
2/ 35																				1	8
3/ 33																					8
2/ 31																					1
3/ 29																					1
2/ 27																					1
TOTAL	.3	33.3	28.5	20.4	9.3	2.7	2.0	.9											810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4951219	62499	77.2	12.620	810							
Dry Bulb	2511907	44823	55.3	6.243	810			3.2	.3			90
Wet Bulb	2165376	41662	51.4	5.275	810							90
Dew Point	1892347	38859	48.0	5.896	810		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 130 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUN MONTH

 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
/ 69						.2												2	2		
6-/ 67				.1	.1		.1											3	3		
6/ 65				.1	.1	.4	.4											8	8		
4/ 63		.6	.4	1.4		.2	.1											22	22	1	
2/ 61	.1	2.7	1.4	1.0	.7													48	48	13	2
/ 59		1.6	3.0	2.7	1.2													69	69	22	16
/ 57	.2	3.6	3.1	2.2	.2													76	76	43	19
5 / 55	.2	4.3	5.3	2.1	.5													101	101	73	33
4/ 53	.7	5.6	3.0	2.1	.2													94	94	103	82
2/ 51	1.5	4.1	4.0	.7	.1													83	83	137	64
5 / 49	.4	5.3	2.2	.6														69	69	85	93
/ 47	.4	6.4	2.2	1.1														82	82	99	110
4 / 45	1.1	7.5	1.4															80	80	104	156
4/ 43	.1	3.1	1.5															38	38	52	72
2/ 41		2.8	.2															25	25	44	61
4 / 39		.5	.5															8	8	22	49
3-/ 37		.2																2	2	6	33
/ 35																				6	11
3 / 33																					4
2/ 31																					2
-/ 27																					3
TOTAL	4.7	48.3	28.0	14.2	3.3	.9	.6												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.	5519194	66332	81.9	10.381	810							
Dry Bulb	2274478	42654	52.7	5.920	810			.6				90
Wet Bulb	2028848	40312	49.8	5.286	810							90
Dew Point	1824780	38168	47.1	5.698	810		.6					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

14130 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUN MONTH

 0630-0800 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
/ 71							.1	.1										2	2		
/ 69						.1	.1											2	2		
/ 67						.5												4	4		
/ 65						.4												3	3		
/ 63		.6	1.2	1.6	.1	.4												32	32	1	
/ 61	.1	1.7	1.2	1.1	.2													36	36	11	2
/ 59	.2	1.6	3.1	1.7	.6	.2												61	61	26	12
/ 57	.5	4.1	3.8	1.7	.1													83	83	50	26
/ 55	.2	4.0	4.4	2.3	.4	.1												93	93	76	38
/ 53	1.1	4.6	3.5	1.6														86	86	91	67
/ 51	1.1	6.3	4.4	.9														103	103	123	87
/ 49	.2	5.7	3.0	.5	.2													78	78	93	92
/ 47	.6	6.8	2.1	.4														80	80	120	100
/ 45	1.7	6.8	1.5	.4														84	84	100	158
/ 43	.1	2.5	1.0	.1														30	30	54	72
/ 41	.1	2.5																21	21	35	68
/ 39		1.0	.1															9	9	17	45
/ 37		.2																2	2	9	23
/ 35		.1																1	1	3	13
/ 33																				1	1
/ 31																					4
/ 29																					1
/ 27																					1
TOTAL	5.0	48.4	29.4	12.3	1.7	1.7	.2	.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.	5616628	66942	82.6	10.205	810							
Dry Bulb	2269327	42611	52.6	5.854	810			.9				90
Wet Bulb	2034000	40372	49.8	5.189	810							90
Dew Point	1839241	38335	47.3	5.554	810		.7					90

USAFETAC FORM AA 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 83													.1					1	1		
/ 81										.1								1	1		
/ 79											.5							4	4		
7 / 77								.1	.6	.1								7	7		
6/ 75					.1			.1	.1									3	3		
4/ 73							.2	.6	.1									8	8		
/ 71					.5	.6	.9	.1	.1									18	18		
/ 69					.7	1.1	.4											18	18		
6 / 67			.1	.1	1.2	.9	.2											21	21	1	
6/ 65		.1	.7	2.0	1.6	.7	.4	.2										47	47	4	
4/ 63		1.0	2.0	4.1	2.3	1.2	.9											93	93	17	3
2/ 61	.1	1.5	2.3	3.7	1.6	.9	.5											86	86	53	12
/ 59		1.6	2.7	4.0	2.2	1.4	.1											97	97	72	18
/ 57	.2	1.2	2.5	1.9	1.9	.1	.1											64	64	94	43
5 / 55	.7	3.3	2.8	2.2	.7	.2	.1											83	83	95	69
4/ 53	.6	3.1	4.3	3.1	.4													93	93	115	84
2/ 51	.2	1.4	4.4	1.0		.1												58	58	98	107
5 / 49	.1	2.1	3.1	.2	.1													46	46	89	80
/ 47	.2	2.1	1.7	.4														36	36	97	94
4 / 45	.1	1.0	.7															15	15	43	123
4/ 43		.2	.2	.4														7	7	14	65
2/ 41		.1	.1															2	2	12	63
4 / 39		.2																2	2	3	25
3 / 37																				3	12
/ 35																					4
3 / 33																					3
2/ 31																					2
/ 29																					3
TOTAL	2.5	19.0	27.9	23.0	13.5	7.3	3.8	1.2	1.0	.2	.5		.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.	4395813	58573	72.3	14.075	810							
Dry Bulb	2797515	47265	58.4	6.988	810			9.0	2.7	.7		90
Wet Bulb	2319363	43135	53.3	5.249	810			.1				90
Dew Point	1965974	39636	48.9	5.718	810		.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

1 [illegible]0 SITBURG AB DL 73-81 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
8/ 87												.1		.2				3	3		
6/ 85												.2	.4	.2				7	7		
4/ 83												.5						4	4		
/ 81								.2		.1		.5						7	7		
/ 79								.1		.2	.1							4	4		
7 / 77						.2	.5	.7	1.0	.6								25	25		
6/ 75					.1	.1	.6	1.4	.5									22	22		
4/ 73					.1	.7	1.5	.9	.4									29	29		
/ 71				.4	.6	1.4	2.0	.6	.9	.5								51	51		
/ 69			.4	.4	1.5	2.5	1.2	1.5	.2									62	62		
6 / 67			.5	.4	1.7	.9	.6	.6	.1									39	39	5	
6/ 65		.1	.2	.7	2.5	2.3	1.6	.9	.1									69	69	18	
4/ 63		.2	1.2	3.3	2.5	3.3	1.0	1.1										103	103	46	8
2/ 61		.4	1.5	2.1	2.2	1.1	1.1	.1										69	69	91	15
/ 59		.7	1.6	1.7	2.6	1.9		.4										72	72	79	19
/ 57	.1	1.9	1.4	2.5	2.2	.6	.1											71	71	99	42
5 / 55		1.3	1.9	3.1	1.5	.2	.1											62	62	101	60
4/ 53	.4	.5	.7	2.2	.2													33	33	104	103
2/ 51	.1	1.0	1.9	.2	1.1													34	34	83	74
5 / 49	.1	.9	1.5	.6	.2													27	27	82	66
/ 47		.7	.4	.4	.4													15	15	58	74
4 / 45																				26	132
4/ 43		.1																1	1	13	71
2/ 41		.1																1	1	4	79
4 / 39																				1	28
3 / 37																					20
2 / 35																					7
3 / 33																					4
2/ 31																					5
2 / 29																					3
TOTAL	.7	7.7	13.1	17.9	19.4	15.3	10.4	8.5	3.2	1.5	.1	1.4	.4	.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.	3210246	49384	61.0	15.700	810							
Dry Bulb	3285677	51167	63.2	8.132	810			28.1	11.2	2.7		90
Wet Bulb	2483558	44634	55.1	5.453	810			.6				90
Dew Point	1938345	39295	48.5	6.294	810		.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 6130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
/ 89													.4	.2	.2			7	7		
8/ 87												.4	.2	.5				9	9		
6/ 85											.1		.2	.1				4	4		
4/ 83													.5					4	4		
/ 81								.1	.4	.4	.1	.2						10	10		
/ 79						.1	.5	.2	.6	.7	.1	.1						20	20		
7 / 77							.4	.4	2.0	1.0								30	30		
6/ 75						.2	1.1	2.8	.4	.2	.5							43	43		
4/ 73				.2		1.4	2.0	1.4	1.0	.5								52	52		
2/ 71			.1	.4	.4	1.0	2.2	1.0	.7	.2	.1							50	50		
/ 69			.1	.1	.9	2.6	1.2	.9	.9	.1								55	55	1	
6 / 67					.9	2.3	1.5	.6	.9									50	50	11	
6/ 65				1.0	1.1	1.1	2.3	.4	.4									51	51	18	
4/ 63		.4	.5	3.0	2.2	2.7	2.1	.6										93	93	49	4
2/ 61		.6	1.7	1.9	2.6	1.2	1.1	.6										79	79	103	10
/ 59		1.0	1.6	2.2	1.4	2.3	.5											73	73	95	19
9 / 57		1.2	.9	2.7	1.6	.4												55	55	99	30
5 / 55		.4	.7	1.4	1.0	.4												31	31	104	64
4/ 53	.2	.6	2.0	1.0	.5	.2												37	37	94	94
2/ 51	.1	.4	2.0	.6	.5	.1												30	30	98	95
5 / 49		.9	.5	.7														17	17	58	67
5 / 47		.5	.5															8	8	46	74
4 / 45		.1	.1															2	2	23	126
4/ 43																				10	67
2/ 41																				1	74
4 / 39																					52
3 / 37																					15
3 / 35																					10
3 / 33																					6
/ 29																					3
TOTAL	.4	6.0	10.7	15.2	13.0	16.2	14.9	9.0	7.2	3.2	1.0	.7	1.4	.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.	2819538	45904	56.7	16.419	810							
Dry Bulb	3504188	52806	65.2	8.728	810			37.1	19.9	4.7		90
Wet Bulb	2546571	45211	55.8	5.340	810			1.3				90
Dew Point	1911146	39032	48.2	6.118	810		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 5130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
/ 89														.1				1	1				
8/ 87												.2	.1	.5				7	7				
6/ 85											.2		.6	.1				8	8				
4/ 83											.1	.2	.2					5	5				
/ 81										.1	.1	.4						5	5				
/ 79						.1	.1	.1	.5	.4	.2	.1						13	13				
7 / 77							.2	.9	1.0	.7		.1						24	24				
6/ 75						.4	1.4	2.0	.5	.4		.1						38	38				
4/ 73				.1	.2	.9	1.1	1.5	.7	.7								43	43				
/ 71				.4	.4	1.2	1.9	1.2		.1	.1							43	43				
/ 69			.1		.7	3.0	1.4	.6	.7	.1								54	54	1			
2 / 67			.5	.1	.2	1.7	.9	.5	.2									34	34	2			
6/ 65		.1	.1	.6	1.1	1.5	1.9	1.1										52	52	20			
4/ 63		1.0	1.2	3.3	3.1	3.5	1.4	.4										112	112	49	6		
2/ 61		.1	2.1	2.5	2.1	1.4	.7	.5										76	76	88	10		
/ 59	.2	.9	1.5	2.3	2.1	1.9	.5											76	76	82	25		
/ 57		.9	1.7	1.6	1.7	1.0												50	50	109	27		
5 / 55	.2	2.0	1.2	2.6	1.1	.4												61	61	99	62		
4/ 53	.2	.9	1.6	1.5	1.1	.1												44	44	113	73		
2/ 51		1.0	1.7	.9	.7	.4												38	38	89	113		
5 / 49		.5	1.2	.6	.1													20	20	62	83		
/ 47		.2			.1													3	3	57	73		
4 / 45			.4															3	3	24	117		
4/ 43																				11	70		
2/ 41																				3	66		
4 / 39																				1	46		
3 / 37																					14		
/ 35																					15		
3 / 33																					4		
2/ 31																					1		
/ 29																					4		
/ 27																					1		
TOTAL	.7	7.5	13.5	16.5	14.2	17.3	11.4	8.8	3.7	2.6	.9	1.2	1.0	.7				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.	3091449	48117	59.4	16.975	810							
Dry Bulb	3366879	51769	63.9	8.482	810			30.6	16.0	3.6		90
Wet Bulb	2502428	44816	55.3	5.312	810			.3				90
Dew Point	1918106	39094	48.3	6.217	810		.7					90

FORM AE 3-0 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]30 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
[illegible] / 81												.2						2	2				
/ 79									.1		.1	.1						3	3				
7 / 77								.2		.5	.4							9	9				
6 / 75								.1	.4	.1								5	5				
4 / 73				.1			.2	.2	.1									6	6				
/ 71					.2	.6	1.2	.5	.6									26	26				
/ 69					.9	1.0	.7	.4	.1									25	25				
[illegible] / 67			.1	.2	.6	1.7	.1	.2										25	25	1			
6 / 65			1.1	1.1	2.[illegible]	1.6	.5	.5										55	55	3			
4 / 63		1.0	1.4	2.2	4.[illegible]	2.1	.4	.1										90	90	18	1		
[illegible] / 61		1.1	1.2	2.7	2.[illegible]	.6	.4											65	65	35	13		
/ 59	.2	1.[illegible]	2.2	4.0	2.1	2.0	.2											95	95	75	16		
[illegible] / 57	.1	2.3	2.5	2.8	1.1	1.0	.1											81	81	79	34		
5 / 55	.2	5.2	2.2	2.2	1.7	.1												95	95	123	45		
4 / 53	1.0	1.5	2.6	1.7	.9	.1												63	63	129	87		
2 / 51		1.7	4.0	1.4	.4													60	60	84	99		
5 / 49	.7	1.7	3.1	.9	.1													53	53	84	96		
[illegible] / 47		2.0	1.2	.5	.6													35	35	98	82		
4 / 45		.2	1.1		.1													12	12	43	136		
4 / 43			.1	.2														3	3	21	57		
2 / 41		.2																2	2	12	57		
4 / 39																				5	48		
3 / 37																					21		
[illegible] / 35																					7		
3 / 33																					6		
2 / 31																					3		
[illegible] / 29																					2		
TOTAL	2.3	18.0	22.8	20.1	16.7	10.9	4.0	2.3	1.4	.6	.5	.4						810		810		810	
																		810		810			

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4132371	56469	69.7	15.551	810							
Dry Bulb	2839564	47618	58.8	7.050	810			11.2	2.8	.6		90
Wet Bulb	2304407	43303	53.1	5.140	810			.1				90
Dew Point	1910047	39037	48.2	5.957	810		.6					90

USAFETAC FORM AE 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 c130 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89													.0	.0	.0			8	8		
6/ 87												.1	.0	.2				19	19		
6/ 85											.0	.0	.2	.1				19	19		
4/ 83											.0	.1	.1					14	14		
/ 81								.0	.0	.1	.0	.2						25	25		
/ 79						.0	.1	.1	.2	.2	.1	.0						44	44		
7 / 77						.0	.1	.3	.6	.4	.0	.0						95	95		
6/ 75					.0	.1	.4	.8	.2	.1	.1	.0						112	112		
4/ 73				.1	.0	.4	.7	.6	.3	.2								140	140		
4/ 71			.0	.1	.3	.6	1.0	.5	.3	.1	.0							192	192		
/ 69			.1	.1	.6	1.4	.6	.4	.2	.0								225	225	2	
5 / 67			.2	.1	.7	1.0	.5	.3	.2									193	193	20	
6/ 65		.1	.3	.8	1.1	1.0	.9	.4	.1									303	303	63	
4/ 63	.1	.8	1.1	2.6	2.0	1.7	.8	.3										602	602	193	24
/ 61	.1	1.2	1.7	2.3	1.6	.7	.5	.2										537	537	411	74
/ 59	.1	1.2	2.3	2.8	1.6	1.3	.2	.0										622	622	488	137
/ 57	.2	2.2	2.4	2.4	1.1	.4	.0											566	566	644	241
5 / 55	.2	3.1	2.7	2.4	1.0	.2	.0											621	621	778	416
4/ 53	.7	2.8	2.7	1.8	.6	.1												563	563	883	692
2/ 51	.5	2.3	3.0	.9	.4	.1												456	456	817	748
5 / 49	.3	2.5	2.4	.6	.2													383	383	636	680
/ 47	.2	3.0	1.2	.4	.2													317	317	650	680
/ 45	.4	2.4	.9	.1	.0													245	245	452	1068
4/ 43	.1	.8	.4	.1														90	90	221	542
2/ 41	.1	.8	.2	.0														64	64	129	515
4 / 39		.2	.1															20	20	57	347
3 / 37		.1																4	4	25	164
/ 35		.0																1	1	10	75
/ 33																				1	36
2/ 31																					18
/ 29																					17
/ 27																					6
TOTAL	2.5	23.5	21.7	17.5	11.4	9.0	5.9	3.9	2.1	1.0	.4	.5	.4	.3	.0			6480		6480	6480
																		6480		6480	

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	≥ 92 F	Total
Rel. Hum.	33736458	454220	70.1	17.114	6480							
Dry Bulb	22849525	380713	58.8	8.624	6480			120.7	52.9	12.1		720
Wet Bulb	18384551	343145	53.0	5.740	6480			2.4				720
Dew Point	15199986	311456	48.1	5.959	6480		4.6					720

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]130 | BITBURG AB DL | 73-81 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7[illegible] / 77										.1	.1							2	2		
6 / 75										.2								2	2		
[illegible]4 / 73							.1			.1								2	2		
[illegible]2 / 71					.2	.2		.1	.5	.1								10	10		
[illegible] / 69			.1		.4	.4	.1	.7										14	14		
5 / 67			.4	.8	1.1	.8	.1	.5	.2									33	33		
6 / 65		.2	1.7	1.0	.8	.5												35	35	2	
4 / 63		1.8	2.5	3.4	.8	.4		.1										75	75	16	3
2 / 61		1.2	3.2	3.2	.5	.5	.2											74	74	46	12
[illegible] / 59	.7	3.1	5.3	3.6	1.1	.4												118	118	57	45
[illegible] / 57	.5	4.7	4.2	2.9	1.1	.1												112	112	124	52
5[illegible] / 55	.5	4.7	6.0	4.0	.2	.4												131	131	138	67
4 / 53	.2	3.2	5.5	2.8	.4													101	101	109	121
2 / 51	.4	2.5	4.9	.4	.2													70	70	125	118
5 / 49	.4	1.6	1.6	.1														30	30	106	101
[illegible] / 47	.1	2.0	.2															20	20	78	92
[illegible] / 45		.5	.1															5	5	28	111
[illegible]4 / 43																				5	62
2 / 41																					25
4 / 39																					13
3[illegible] / 37																					8
[illegible] / 35																					4
TOTAL	2.8	25.5	35.7	22.1	6.8	3.6	.6	1.4	.7	.6	.1							834	834	834	834

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5064649	64101	76.9	12.865	834							
Dry Bulb	2828168	48354	58.0	5.443	834			7.0	.7			93
Wet Bulb	2431181	44877	53.8	4.434	834							93
Dew Point	2138259	42001	50.4	5.260	834							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 [illegible]10 — STATION
BITBURG AB GL — STATION NAME
73-81 — YEARS
JUL — MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 71								.1										1	1		
[illegible] / 69								.5										4	4		
[illegible] / 67							.4	.4										6	6		
6 / 65			1.0	.2	.2		.2		.2									16	16		
4 / 63		1.9	1.8	1.2	.5	.2	.1	.4										51	51	4	1
2 / 61		1.4	2.0	1.1	.2	.4												43	43	28	6
/ 59	.2	4.8	5.1	1.2		.1												96	96	34	33
[illegible] / 57	.7	7.8	4.4	2.4	.8	.2												137	137	78	47
5 / 55	.7	9.6	6.0	1.8	.2													153	153	129	68
4 / 53	.8	2.6	5.0	2.2	.6													94	94	148	113
2 / 51	.7	4.4	6.1	.4	.1													98	98	122	127
5 / 49		3.3	3.5	.5														61	61	101	63
[illegible] / 47	1.1	2.6	1.2															41	41	119	111
4 / 45	.2	3.0	.6															32	32	48	122
4 / 43		.2	.1															3	3	19	77
2 / 41																				5	37
4 / 39		.1																1	1	1	18
3 / 37																				1	11
[illegible] / 35																					2
2 / 31																					1
TOTAL	4.5	41.8	36.8	10.9	2.7	1.0	.7	1.3	.2									837		837	
																			837		837

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5692639	68375	81.7	11.316	837							
Dry Bulb	2589750	46376	55.4	4.913	837			1.2				93
Wet Bulb	2305478	43772	52.3	4.424	837							93
Dew Point	2086715	41567	49.7	5.179	837		.1					93

USAFETAC FORM AK 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 4100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUL 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
/ 69							.2	.1	.1									4	4		
6- / 67			.1				.1											2	2		
6/ 65		.1	.4	.2	.2	.5	.2	.2										16	16	1	
4/ 63		1.6	1.3	1.1	.1	.2	.1	.2										39	39	3	3
2/ 61		2.0	1.9	1.2	.1		.2											46	46	19	4
/ 59		6.3	4.7	1.3	.1	.5												105	105	39	31
/ 57	1.2	6.8	4.1	1.6	.2	.1												117	117	89	51
5- / 55	.6	10.0	6.2	2.3	.4													161	161	112	84
4/ 53	.2	4.4	5.1	1.1	.2													93	93	145	94
2/ 51	.7	6.3	4.9	1.3	.1													109	109	123	120
5 / 49	.2	3.8	3.7	.7														71	71	122	79
6- / 47	.5	4.4	.8															48	48	110	121
4 / 45	.2	1.7	.2															18	18	51	119
4/ 43		.5	.1															5	5	16	67
2/ 41		.4																3	3	3	33
4 / 39																				4	17
3- / 37																					14
TOTAL	3.7	48.0	33.6	10.2	1.6	1.3	1.0	.6	.1										837		837
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5827765	69277	82.8	10.594	837							
Dry Bulb	2564562	46162	55.2	4.723	837			.7				93
Wet Bulb	2302608	43748	52.3	4.375	837							93
Dew Point	2099814	41706	49.8	5.094	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 6100 STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 83													.1					1	1		
/ 81										.1								1	1		
/ 79						.1			.1		.1							3	3		
7 / 77						.2	.5		.1	.4	.1							11	11		
6 / 75					.1		.2	.4	.2	.1	.1							10	10		
4/ 73					.5	.6	.4	.2	.2									16	16		
/ 71				.4	1.3	.4	.2	.1		.2								22	22		
/ 69		.1	.1	.8	1.3	1.0	.4											31	31	1	
6 / 67			1.3	.7	1.7	.7	.1		.1									39	39	5	1
6/ 65		.1	1.2	1.4	.7	.2	.4											34	34	23	
4/ 63		2.0	2.7	4.4	1.4	1.0	.1											98	98	44	18
2/ 61		1.0	3.7	2.9	1.6	.6												81	81	65	18
/ 59	.4	3.1	6.5	4.8	1.7	1.0												145	145	80	63
/ 57	.6	3.2	4.3	4.4	1.0	.1												114	114	109	72
5 / 55	.4	2.7	3.6	2.7	.6	.1												85	85	129	80
4/ 53	.2	1.9	4.2	1.3														64	64	110	100
2/ 51	.2	3.6	3.7	.4														66	66	119	103
5 / 49	.1	1.0	.4															12	12	101	96
/ 47		.2																2	2	45	107
4 / 45		.2																2	2	4	104
4/ 43																				2	37
2/ 41																					29
4 / 39																					7
3 / 37																					1
/ 35																					1
TOTAL	.9	19.2	31.7	24.3	11.8	6.0	2.3	.7	.8	.8	.4		.1					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.	4730418	61948	74.0	13.194	837							
Dry Bulb	3070586	50418	60.2	6.338	837			14.9	4.7	.4		93
Wet Bulb	2581550	46312	55.3	4.775	837			.7				93
Dew Point	2239187	43065	51.5	5.293	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 F100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | JUL MONTH

 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
/ 89													.1		.1			2	2		
8/ 87												.1		.4				4	4		
6/ 85												.4	.2					5	5		
4/ 83								.1	.1		.2	.1	.5					9	9		
2/ 81							.1	.6	.1	.8	.1	.4						18	18		
/ 79						.4		.7	.8	.5	.1							21	21		
7 / 77						.5	1.2	1.2	.7	.2								32	32		
6/ 75					.5	.7	1.1	1.3		.1	.1							32	32		
4/ 73				.4	.5	1.2	1.9	.8	.1									41	41		
/ 71				.4	1.8	1.4	1.1	.5	.2									45	45		
/ 69			.4	1.1	1.4	1.8	.6	.6										49	49	5	
6/ 67			.4	.4	1.4	1.4	1.3											41	41	20	
6/ 65			.6	2.0	2.6	1.7	1.0	.2										68	68	42	
4/ 63		.7	1.7	3.8	4.8	3.1	.7	.1										125	125	84	19
2/ 61		.8	1.8	3.1	3.0	1.9	.2											91	91	95	23
/ 59	.1	1.6	3.0	2.9	3.8	1.7	.1											110	110	88	62
5/ 57		1.3	1.6	3.0	1.3	.2												62	62	113	59
5/ 55		1.0	1.3	1.9	.4													38	38	127	88
4/ 53		1.8	1.3	.7														32	32	100	84
2/ 51		.5	.4															7	7	98	128
5 / 49		.5																4	4	50	89
/ 47																				14	83
4/ 45																					102
4/ 43																					46
2/ 41																					43
4 / 39																					7
3 / 37																					1
/ 35																					2
TOTAL	.1	8.1	12.3	19.6	21.5	16.0	9.3	6.2	2.2	1.7	.6	1.0	.8	.4	.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.	3445840	52200	62.4	14.943	836							
Dry Bulb	3616451	54597	65.3	7.805	836			33.3	18.2	5.6		93
Wet Bulb	2768957	47937	57.3	4.919	836			2.8				93
Dew Point	2222144	42858	51.3	5.472	836							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 [illegible]0 | BITBURG AB DL (STATION NAME) | 73-81 (YEARS) | JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
[illegible]/ 93															.1						1	1		
[illegible]/ 91														.1		.2					3	3		
[illegible]/ 89													.1	.2	.5						7	7		
8/ 87									.2				.4	.5							9	9		
8/ 85										.2	.1	.6		.2							10	10		
[illegible]/ 83								.1	.5	.5	.6		.4								17	17		
[illegible]/ 81							.1	.6	.8	1.3	.1										25	25		
[illegible]/ 79						.1	.2	1.0	1.4	.2	.2										27	27		
7/ 77					.2	.5	.6	1.3	1.7	.6	.4										44	44		
6/ 75					.6	.7	1.6	2.3	.2	.2											47	47		
4/ 73				.1	.5	.4	1.9	.8	.5	.1	.1										37	37		
[illegible]/ 71		.1	.1	.7	1.7	1.1	1.9	1.1	.4												59	59	2	
[illegible]/ 69				.5	.7	2.2	2.4	.6	.1												54	54	8	1
[illegible]/ 67			.2	.4	1.8	1.9	1.1	.6													50	50	23	1
6/ 65			.6	1.4	2.7	2.2	1.7	.6													77	77	59	
4/ 63		.6	.8	2.6	2.7	4.8	1.8														112	112	81	20
[illegible]/ 61	.1	.2	1.1	1.7	3.2	2.6	.2														77	77	109	25
[illegible]/ 59		1.6	2.3	2.4	1.4	.4															67	67	88	36
[illegible]/ 57		1.3	2.2	1.7	1.1	.5															55	55	129	60
5/ 55		1.2	1.6	1.1	.1																33	33	96	83
4/ 53		1.0	.7	.6																	19	19	141	104
2/ 51		.2	.5																		6	6	60	114
5/ 49		.1																			1	1	31	84
[illegible]/ 47																							10	90
4/ 45																								107
[illegible]/ 43																								61
[illegible]/ 41																								37
4/ 39																								7
[illegible]/ 37																								6
[illegible]/ 35																								1
TOTAL	.1	6.3	10.0	13.1	16.7	17.2	13.5	9.0	5.9	3.2	1.6	.6	.8	1.1	.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.	3028431	48475	57.9	16.259	837							
Dry Bulb	3874413	56497	67.5	8.535	837			43.3	25.2	9.2	.1	93
Wet Bulb	2838902	48572	58.0	4.918	837			3.7				93
Dew Point	2198471	42645	50.9	5.546	837			.2				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1 10 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
JUL — MONTH

PAGE 1 — HOURS (L. S. T.) 1800-2000

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
4/ 93															.1			1	1		
/ 91															.1	.1		2	2		
/ 89														.1	.2	.1		4	4		
8/ 87									.1				.1	.6	.1			8	8		
6/ 85												.1		.2	.1			4	4		
4/ 83								.1	.1	.2	.5	.1	.1					10	10		
/ 81							.1	.5	.7	1.4		.5	.4					30	30		
/ 79						.1	.1	.8	.8	.6								21	21		
7 / 77						.2	1.0	2.0	.8	.2								36	36		
6/ 75					.1	.6	1.0	1.7	.1	.4								32	32		
4/ 73				.5	.1	.7	2.9	.7	.7									47	47		
/ 71				.2	.8	1.2	1.8	.8	.2									43	43	1	
/ 69				.6	1.6	2.3	1.6	.5	.1									57	57	3	
6 / 67			.5	.4	1.4	1.8	1.9	.5										54	54	14	
6/ 65		.1	.8	1.2	1.7	2.0	1.2	.7										65	65	49	
4/ 63		1.4	1.7	3.3	3.5	4.7	1.8											137	137	69	14
2/ 61	.1	.8	.8	3.1	3.1	1.9												83	83	125	18
/ 59	.1	1.3	1.9	3.3	2.0	.8												80	80	85	56
/ 57	.2	1.2	1.1	1.8	.4	.5												43	43	133	56
5 / 55		1.4	1.6	1.1	.5													38	38	107	86
4/ 53		.8	1.3	.7														24	24	135	98
2/ 51	.1	1.1	.7															16	16	68	108
5 / 49		.1	.1															2	2	30	95
/ 47																				18	87
4 / 45																					117
4/ 43																					46
2/ 41																					43
4 / 39																					5
3 / 37																					4
/ 35																					3
3 / 33																					1
TOTAL	.6	8.4	10.5	16.2	15.2	16.8	13.5	8.4	3.8	2.9	.5	.7	.6	1.0	.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.	3240102	50202	60.0	16.553	837			38.8	21.7	7.8	.1	93
Dry Bulb	3747287	55577	66.4	8.254	837			2.0				93
Wet Bulb	2794473	48231	57.6	4.727	837							93
Dew Point	2192155	42593	50.9	5.435	837							

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

1 100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 85														.1				1	1		
6/ 83													.2	.1				3	3		
/ 81												.1						1	1		
/ 79								.4	.2			.1	.2					8	8		
7 / 77							.4	.4	.1		.5	.4						14	14		
6/ 75						.5	.7	.5		.1								15	15		
6/ 73				.1	.1	.6	.6	.1	.4	.1	.1							18	18		
5/ 71					.6	1.4	1.2		.2	.1								30	30		
/ 69			.2	.5	1.6	1.7	.5	.2										39	39		
5 / 67			.7	1.0	1.2	1.2	.4											37	37	2	
6/ 65		.1	1.7	1.4	2.0	1.0	.6	.1										58	58	16	
4/ 63		1.4	2.8	4.4	2.0	1.3	.5	.2										106	106	50	6
3/ 61		1.8	3.4	3.4	3.0	1.0	.1											105	105	65	20
/ 59	.1	1.7	4.4	4.9	3.4	1.0	.1											130	130	107	52
/ 57	.4	2.5	3.8	4.3	1.2	.1												103	103	113	66
5 / 55		1.6	2.9	2.4	.4	.1												61	61	123	86
4/ 53		1.6	2.0	1.4														42	42	121	96
2/ 51	.2	2.6	2.2	.1	.2													45	45	120	109
5 / 49	.4	1.0	.6															16	16	75	87
4 / 47		.2																2	2	36	92
4 / 45		.1																1	1	7	117
4/ 43																					53
2/ 41																					32
4 / 39																					6
3 / 37																					10
2 / 35																					3
TOTAL	1.1	14.6	24.7	24.0	15.7	9.8	5.0	1.9	1.0	.4	.6	.6	.5	.2					835		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.	4215461	58009	69.5	14.913	835							
Dry Bulb	3206347	51441	61.6	6.685	835			18.5	6.7	1.0		93
Wet Bulb	2599398	46432	55.6	4.574	835			.2				93
Dew Point	2178677	42415	50.8	5.381	835							93

USAFETAC FORM AUG 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13100 — STATION
PITTSBURG AB DL — STATION NAME
73-81 — YEARS
JUL — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 93															.0			2	2		
/ 91														.0	.0	.0		5	5		
/ 89													.0	.0	.1	.0		13	13		
8/ 87									.0			.0	.1	.2	.0			21	21		
6/ 85										.0	.0	.1	.0	.1	.0			20	20		
4/ 83								.0	.1	.1	.2	.0	.2	.0				40	40		
/ 81							.0	.2	.2	.5	.0	.1	.0					75	75		
/ 79						.1	.0	.4	.4	.2	.1	.0	.0					80	80		
7 / 77					.0	.2	.4	.6	.4	.2	.1	.0						139	139		
6/ 75					.2	.3	.6	.8	.1	.1	.0							138	138		
4/ 73				.1	.2	.4	1.0	.3	.2	.0	.0							161	161		
2/ 71		.0	.0	.2	.8	.7	.8	.3	.2	.1								210	210	3	
/ 69		.0	.1	.4	.9	1.2	.7	.4	.0									252	252	17	1
6 / 67			.4	.4	1.1	1.0	.7	.2	.0									262	262	64	2
67 65		.1	1.0	1.1	1.4	1.0	.7	.2	.0									369	369	192	
4/ 63		1.4	1.9	3.0	2.1	2.0	.6	.1										743	743	351	84
2/ 61	.0	1.2	2.2	2.5	1.8	1.1	.1											600	600	552	126
/ 59	.2	2.9	4.1	3.0	1.7	.7	.0											851	851	578	378
/ 57	.4	3.6	3.2	2.8	.9	.2												743	743	888	463
5 / 55	.3	4.0	3.6	2.1	.3	.1												700	700	961	642
47 53	.2	2.2	3.2	1.3	.1													469	469	1009	810
2/ 51	.3	2.7	2.9	.3	.1													417	417	835	927
5 / 49	.1	1.4	1.2	.2														197	197	616	694
/ 47	.2	1.2	.3															113	113	430	783
4 / 45	.1	.7	.1															58	58	138	899
4/ 43		.1	.0															8	8	42	449
2/ 41		.0																3	3	8	279
4 / 39		.0																1	1	5	80
3 / 37																				1	55
/ 35																					16
3 / 33																					1
2/ 31																					1
TOTAL	1.9	21.5	24.4	17.5	11.5	9.0	5.7	3.7	1.8	1.2	.5	.4	.4	.3	.2	.1		6690		6690	
																		6690		6690	

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.	35245305	472587	70.6	16.682	6690							
Dry Bulb	25497564	409422	61.2	8.122	6690			157.7	77.2	24.0	.2	744
Wet Bulb	20622547	369851	55.3	5.124	6690			9.3				744
Dew Point	17355422	338853	50.7	5.366	6690		.1	.3				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 / 130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73							.5											2	2		
/ 71						.1	.3											3	3		
/ 69			.3	.3		.3												6	6		
6 / 67			.1	.8	.9	.5												18	18		
6/ 65		.9	1.5	1.6	.7	.5	.1											40	40	3	
4/ 63		2.3	3.3	3.3	.3	.7	.3											76	76	14	4
/ 61	.7	2.9	4.1	3.3	1.3	1.1	.3											103	103	47	17
/ 59	1.5	4.4	3.7	3.7	1.6	.7	.4											120	120	93	51
/ 57	.3	4.8	5.7	2.5	.7	.4	.1											109	109	99	56
5 / 55		6.3	4.7	3.5		.8												114	114	102	85
4/ 53	.7	3.9	3.7	1.7	.4													78	78	148	118
/ 51	.4	.5	2.5		.1													27	27	91	106
5 / 49		.5	2.3	.1														22	22	61	78
/ 47		1.9	1.2															23	23	42	66
4 / 45		.7	.3															7	7	38	71
4/ 43																				10	47
2/ 41																					22
4 / 39																					8
3 / 37																					8
/ 35																					9
3 / 33																					2
TOTAL	3.5	29.1	33.6	21.0	6.0	5.1	1.7												748		748
																		748		748	

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.	4668641	58366	78.0	12.374	748							
Dry Bulb	2555038	43562	58.2	4.915	748			3.6	.2			93
Wet Bulb	2225221	40655	54.4	4.563	748							93
Dew Point	1979396	38248	51.1	5.625	748							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

[illegible] BITBURG AB DL — STATION NAME
73-81 — YEARS
AUG — 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
[illegible] / 71					.1	.1												2	2		
/ 69					.3													2	2		
6/ 65			.3	.4	.3													7	7		
4/ 63	.1	1.1	1.9	1.9	.8													46	46	3	1
2/ 61	.1	3.5	3.8	1.0	.4	.1												71	71	19	6
/ 59	2.0	8.3	5.7	1.4	1.8													152	152	68	41
/ 57	.1	5.8	3.0	1.3	.6	.1												87	87	117	58
/ 55	.4	7.7	5.9	1.9	.6	.6												136	136	100	98
4/ 53	1.0	6.2	5.4	.5	.5													108	108	124	108
2/ 51	.5	3.4	2.3	.8	.4													58	58	122	106
5 / 49	1.0	2.0	2.1	.1														42	42	85	86
/ 47	.1	3.1	1.3	.1														37	37	60	82
4/ 45		3.5	1.3															38	38	56	82
4/ 43		1.0																8	8	27	47
2/ 41																				13	43
4 / 39																					19
3 / 37																					10
/ 35																					5
3/ 33																					2
TOTAL	.5	44.5	32.9	9.3	5.7	1.0													794		794
																		794		794	

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.	5513521	65647	82.7	10.408	794							
Dry Bulb	2480946	44212	55.7	4.908	794			.5				93
Wet Bulb	2232701	41935	52.8	4.752	794							93
Dew Point	2037229	39981	50.4	5.505	794							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 3 1 0 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67			.1		.1													2	2		
6/ 65			.4	.6														8	8		
/ 63		1.1	1.9	1.3	.1													36	36	5	1
/ 61	.6	3.2	3.7	1.1	.2													74	74	22	12
/ 59	1.1	7.8	3.7	1.3	.7	.1												123	123	59	35
/ 57	.8	7.3	2.9	1.0	.5													104	104	111	66
5/ 55	.4	6.7	4.5	1.4	.1													110	110	105	105
4/ 53	1.1	7.6	3.9	.8	.6													118	118	107	102
2/ 51	2.[illegible]	5.5	3.3	.6	1.[illegible]													104	104	144	94
5 / 49	.6	2.5	2.[illegible]	.5														47	47	96	101
/ 47	.5	3.8	.8															43	43	66	96
4 / 45		4.8	1.3															51	51	64	80
4/ 43		1.1	.4															12	12	32	60
2/ 41		.4																3	3	18	42
4 / 39		.2																2	2	6	21
[illegible] / 37																				2	15
/ 35																					7
TOTAL	7.[illegible]	52.[illegible]	28.9	8.6	3.3	.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.	6065791	70817	84.6	9.415	837							
Dry Bulb	2538983	45903	54.8	5.078	837			.2				93
Wet Bulb	2314920	43820	52.4	4.986	837							93
Dew Point	2135990	42022	50.2	5.604	837							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 [illegible]0 — STATION — BITBURG AB DL — STATION NAME — 73-81 — YEARS — AUG — MONTH

 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
/ 79									.1									1	1					
7 / 77							.1	.5	.1									6	6					
6 / 75					.1	.1	.4											5	5					
4 / 73					.6	.5	.6				.1							15	15					
2 / 71				.2	1.0	.2	.4		.1									16	16					
/ 69			.2	.8	.8	.7	.4		.2									27	27					
6 / 67			.1	1.0	1.4	1.1	.4	.1	.1									35	35	1				
6 / 65	.1	.1	1.2	2.3	.7	.5	.4	.2										46	46	17	1			
4 / 63	.1	2.0	4.3	5.7	1.1	1.1	.1											121	121	41	7			
2 / 61	.2	4.9	3.3	3.0	1.6	.7	.4											118	118	69	18			
/ 59		4.2	6.2	3.9	.6	.4	.1											129	129	105	65			
/ 57	.6	3.7	4.1	2.9	.5	.1												99	99	137	111			
5 / 55	.7	3.6	4.1	1.6	.5													87	87	131	110			
4 / 53	.8	2.2	3.3	1.8	.1													69	69	122	112			
2 / 51	.1	1.3	3.2															39	40	96	101			
1 / 49	.1	.4	1.0															12	12	61	85			
1 / 47		.5	.2															6	6	46	79			
1 / 45		.6																5	5	8	85			
1 / 43																				2	28			
1 / 41																					22			
1 / 39																					9			
1 / 37																					3			
TOTAL	2.9	23.4	31.3	23.2	9.0	5.4	3.1	.8	.7		.1							836		837		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.	4943329	63385	75.8	12.833	836							
Dry Bulb	3057080	50354	60.2	5.764	837			11.7	3.0	.1		93
Wet Bulb	2607033	46531	55.7	4.533	836			.1				93
Dew Point	2293544	43578	52.1	5.129	836							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 8130 STATION | BITBURG AB GL STATION NAME | 73-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 83								.1		.5	.7							11	11		
/ 81								.4	.4	.7								12	12		
/ 79						.2	.2	.2	.6	.1			.1					13	13		
7 / 77						.2	2.2	.7	.5	.4	.1	.2	.1					37	37		
6/ 75					.5	1.1	.9	1.7	.6	.4	.1							43	43		
4/ 73					.4	1.1	2.0	1.3	.9	.4	.1							50	50		
/ 71				.1	2.3	1.7	2.0	1.8	.7	.2								73	73		
/ 69			.6	.7	2.6	2.0	1.5	.2	.1	.1								64	64	3	
6 / 67			.4	.7	2.0	1.5	1.5	.1	.1									51	51	19	
6/ 65			.9	2.0	2.0	1.7	.4	.2	.1									59	59	51	
4/ 63		1.0	2.2	5.3	4.0	2.1	.6											124	124	76	10
2/ 61	.2	2.0	2.3	3.8	2.0	1.1	.2											95	95	103	30
/ 59		1.3	2.8	4.2	1.8	.6												88	88	111	74
/ 57	.1	1.2	.9	1.5	1.5	.1												43	43	142	89
5/ 55		.4	1.2	1.3	1.2	.1												35	35	135	90
4/ 53		.5	.9	.6														16	16	80	100
2/ 51		.1	.2	.1														4	4	46	98
5 / 49																				37	81
/ 47																				14	88
4 / 45																				1	73
4/ 43																					37
2/ 41																					25
4 / 39																					12
3 / 37																					6
/ 35																					3
3/ 33																					2
TOTAL	.4	6.5	12.3	20.3	20.2	13.6	11.4	7.0	4.0	2.8	1.1	.2	.2						818		818
																		818		818	

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
Ref. Num.	3318187	50650	61.9	14.924	818							
Dry Bulb	3615455	54077	66.1	7.040	818			40.2	18.9	3.8		93
Wet Bulb	2769223	47443	58.0	4.640	818			2.5				93
Dew Point	2224673	42407	51.8	5.663	818							93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 3130 — STATION
BITBURG AB GL — STATION NAME
73-81 — YEARS
AUG — 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
/ 89											.1							1	1		
8/ 87										.1	.1	.1						3	3		
6/ 85									.1	.1	.5	.5						10	10		
4/ 83										.4	1.2			.1				14	14		
/ 81								1.0	.4	1.1			.1					21	21		
/ 79						.4	.1	1.6	.6	.1	.6		.2					30	30		
7 / 77						.1	1.1	1.6	1.0	1.1	.9	.5	.1					52	52		
6/ 75					.2	1.0	1.4	2.0	1.1	.9	.2							55	55		
4/ 73					.6	1.1	2.1	2.1	2.6	.9								76	76		
/ 71				.2	1.2	1.7	1.7	1.5	1.1		.2							63	63		
/ 69			.2	.6	1.9	2.7	1.2	1.1		.1								64	64	8	
/ 67			1.0	.7	2.1	1.4	.9	.1										50	50	15	
6/ 65			.4	1.7	1.7	2.6	.7	.1										59	59	76	
4/ 63	.1	1.4	1.6	4.3	5.0	2.9	1.2	.1										134	134	75	10
/ 61		.5	1.6	2.2	1.7	2.0	.1											66	66	110	33
/ 59		.9	1.9	1.4	.9	1.2												50	50	117	59
/ 57		.2	1.2	1.4	1.1	.5	.1											36	36	141	63
5 / 55		.2	1.1	.5	.5													19	19	125	107
4/ 53			.5															4	4	60	81
2/ 51																				48	104
5 / 49																				23	82
4 / 47																				8	73
4 / 45																				1	83
4/ 43																					41
2/ 41																					46
4 / 39																					10
3 / 37																					7
/ 35																					3
3 / 33																					2
2/ 31																					1
/ 29																					2
TOTAL	.1	3.2	9.5	13.1	16.9	17.6	10.8	11.3	6.9	4.8	4.0	1.1	.5	.1					807		807
																		807		807	

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.	2738916	45338	56.2	15.426	807							
Dry Bulb	3834191	55303	68.5	7.416	807			50.6	30.2	8.4		93
Wet Bulb	2793177	47335	58.7	4.545	807			2.7				93
Dew Point	2145555	41335	51.2	5.931	807		.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c130 STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 87											.3							2	2		
84/ 85											.1	.5						5	5		
82/ 83								.3		.3	.9							11	11		
80/ 81							.1	.5	.1	.5	.3							12	12		
78/ 79							.1	.9	.5	.5	.3							18	18		
76/ 77						.1	.7	1.0	.7	.7	.9	.4						34	34		
74/ 75					.3	1.0	1.4	1.2	.4	.7	.1							39	39		
72/ 73					.4	.9	1.4	.9	1.7	.9	.1							49	49		
70/ 71				.3	1.4	1.8	2.0	2.1	1.8	.1								73	73		
68/ 69				.5	.9	1.8	2.7	2.7	.3	.1	.1							65	65	4	
66/ 67			.9	1.2	3.1	1.4	1.0	.4										62	62	13	
64/ 65		.3	2.2	1.6	2.5	1.6	1.6		.3									76	76	43	
62/ 63	.1	1.4	2.0	3.9	4.0	2.2	1.2	.1										115	115	73	8
60/ 61		.9	1.2	2.1	2.0	1.7												60	60	98	31
58/ 59		1.2	2.1	1.8	.7	1.3												54	54	101	60
56/ 57		1.2	2.0	1.4	1.0	.3												45	45	138	62
54/ 55		.7	2.0	.5	.5													28	28	135	80
52/ 53			.7	.9														12	12	69	84
50/ 51		.1	.5															5	5	51	104
48/ 49			.3															2	2	26	62
46/ 47																				16	77
44/ 45																					71
42/ 43																					53
40/ 41																					56
38/ 39																					7
36/ 37																					7
34/ 35																					2
32/ 31																					2
30/ 29																					1
TOTAL	.1	5.7	13.7	14.2	16.8	14.2	11.5	10.2	5.7	3.8	3.1	.9							767		767
																		767		767	

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.	2873190	45232	59.0	16.389	767							
Dry Bulb	3477965	51351	67.0	7.226	767			44.9	20.6	5.6		93
Wet Bulb	2592090	44454	58.0	4.515	767			2.1				93
Dew Point	2025343	39145	51.0	5.998	767		.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

[illegible] STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | AUG MONTH

 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
/ 79							.1											1	1		
7-/ 77							.3	.3	.5									8	8		
6/ 75						.1		.5		.1								6	6		
4/ 73				.1	.1	.3	.4	.8										13	13		
/ 71			.3	.3	.7	.4	.9	.3	.4									24	24		
/ 69			.3	.8	1.3	.9	.1	.1	.1	.3								30	30		
5 / 67			.3	1.1	1.7	.9	1.2	1.1	.3									49	49	4	
6/ 65		.3	.9	2.3	1.2	1.2	.7	.4	.3									54	54	10	
4/ 63	.1	2.0	3.9	4.7	2.3	2.0	1.3	.4	.1									126	126	30	8
/ 61	.4	2.8	2.5	3.3	2.4	1.3	.3	.3										100	100	66	14
/ 59	.3	2.0	5.5	4.4	2.3	.3	.7											115	115	109	65
/ 57		3.2	3.6	1.9	.7	.3	.1											73	73	91	56
5 / 55		3.6	2.8	2.7	.4	.1												72	72	128	77
4/ 53	.1	1.7	1.5	1.3	.3													37	37	141	87
2/ 51		.5	2.0	.3														21	21	69	112
5 / 49		.3	1.3															12	12	48	82
1 / 47		.4	.4															6	6	39	60
1 / 45		.1																1	1	12	88
1/ 43																				1	40
2/ 41																					32
1 / 39																					6
3 / 37																					8
1 / 35																					9
3 / 33																					4
TOTAL	.9	17.0	25.3	23.1	13.4	7.9	6.1	4.1	1.7	.4								748		748	748
																		748		748	

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.	3880628	52674	70.4	15.145	748							
Dry Bulb	2842518	45906	61.4	5.807	748			16.3	3.5			93
Wet Bulb	2330597	41619	55.6	4.466	748			.5				93
Dew Point	1971255	38151	51.0	5.831	748							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 610C STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89											.0							1	1		
8/ 87										.0	.0	.0						5	5		
6/ 85									.0	.0	.1	.1						15	15		
4/ 83								.0		.1	.4			.0				36	36		
/ 81							.0	.2	.1	.3	.0		.0					45	45		
/ 79						.1	.1	.3	.2	.1	.1		.0					63	63		
7 / 77						.1	.6	.5	.3	.3	.2	.1	.0					137	137		
6/ 75					.1	.4	.5	.7	.3	.3	.1							148	148		
4/ 73				.0	.3	.5	.8	.6	.6	.3	.0							205	205		
2/ 71			.0	.1	.6	.8	.9	.7	.5	.0	.0							254	254		
/ 69			.2	.5	1.0	1.1	.6	.5	.1	.1	.0							258	258	15	
9/ 67			.4	.7	1.4	.8	.6	.2	.1									267	267	52	
6/ 65	.	.2	.9	1.5	1.1	1.0	.5	.1	.1									349	349	200	1
4/ 63	.1	1.5	2.6	3.8	2.2	1.4	.6	.1	.0									778	778	317	49
2/ 61	.3	2.6	2.8	2.5	1.4	1.0	.2	.0										687	687	534	161
/ 59	.6	3.8	3.9	2.8	1.3	.6	.1											831	831	763	450
/ 57	.3	3.4	2.9	1.7	.8	.2	.0											596	596	976	561
5 / 55	.2	3.6	3.3	1.7	.5	.2												601	601	961	752
4/ 53	.5	2.8	2.5	1.0	.2													442	442	851	792
2/ 51	.4	1.5	1.8	.2	.2													258	259	667	825
5 / 49	.2	.7	1.1	.1														137	137	437	657
4 / 47	.1	1.2	.5	.0														115	115	291	621
4 / 45		1.2	.4															102	102	180	633
4/ 43		.3	.7															20	20	72	353
2/ 41		.7																3	3	31	288
4 / 39		.1																2	2	6	92
3 / 37																				2	64
/ 35																					38
3 / 33																					12
2/ 31																					3
/ 29																					3
TAL	2.6	23.0	23.4	16.5	11.4	8.1	5.6	4.2	2.4	1.5	1.0	.3	.1	.0					6356		6355
																		6355		6355	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34002195	452109	71.1	17.009	6355							
Dry Bulb	24402146	390668	61.5	7.833	6356			167.9	76.7	17.9		744
Wet Bulb	19864892	353792	55.7	5.154	6355			7.8				744
Dew Point	16812985	324867	51.1	5.691	6355		.7					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 c1 0 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69						.1												1	1		
6 / 67						.2												2	2		
6/ 65		.1	.2	.5	.1	.1												9	9		
4/ 63		.4	1.2	1.1	.4	.1												26	26	1	
2/ 61		1.1	2.8	1.1														41	41	9	3
/ 59		2.7	3.8	1.2	.2	.1												66	66	35	10
/ 57	.6	4.7	4.2	.5	.5													85	85	68	32
5 / 55	.7	7.2	3.5	1.4	.1	.2												106	106	86	59
4/ 53	1.1	4.9	4.7	2.0	.1													104	104	118	102
2/ 51	1.5	5.7	6.4	.6														115	115	95	110
5 / 49	.7	4.1	5.3	.6														87	87	96	90
/ 47	.4	5.3	2.5	.2														68	68	119	69
4 / 45	.5	3.6	2.8															56	56	85	121
4/ 43	.1	2.1	.9															25	25	42	68
2/ 41		2.0	.1															17	17	38	65
4 / 39		.2																2	2	15	33
3 / 37																				3	37
/ 35																					11
TOTAL	5.7	44.1	38.5	9.3	1.5	1.0													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.	5672802	67373	83.2	9.265	810							90
Dry Bulb	2317295	43101	53.2	5.429	810			.3				90
Wet Bulb	2089717	40933	50.5	5.117	810							90
Dew Point	1902910	38994	48.1	5.637	810							90

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 6170 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
SEP — MONTH

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
4/ 63	.1	.5	.4	.5		.1												13	13	1	1
3/ 61		.2	.4	1.0	.1	.1												15	15	5	2
/ 59		3.0	3.2	1.0	.1													59	59	6	4
/ 57	.9	2.6	3.6	.1	.1													59	59	51	24
5/ 55	1..	7.5	2.5	1.0														97	97	52	48
4/ 53	.9	6.9	3.8	.5														98	98	124	59
2/ 51	1.6	4.7	4.3		.2													88	88	97	101
5/ 49	1.2	3.7	3.2	.1														67	67	86	82
/ 47	1.5	9.9	3.2															118	118	110	81
4/ 45	1.5	8.9	2.8															107	107	112	140
4/ 43	.4	2.7	1.4															36	36	72	86
/ 41	.1	4.4	.2															39	39	45	79
4/ 39		1.5	.1															13	13	34	43
3/ 37		.1																1	1	13	40
/ 35																				2	14
3/ 33																					5
2/ 31																					1
TOTAL	.2	156	729	1	4.2	.6	.2												810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6028303	69545	85.9	8.416	810							
Dry Bulb	2137819	41377	51.1	5.466	810							90
Wet Bulb	1963249	39655	49.0	5.199	810							90
Dew Point	1811306	38032	47.0	5.624	810		.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

[illegible] 10 | BITBURG AB DL | 73-81 | SEP
STATION | STATION NAME | YEARS | 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
4/ 63		.6	.1	.4														9	9		
2/ 61			.1	.2														3	3	6	3
[illegible] / 59	.1	2.0	2.0	.4														36	36	1	4
[illegible] / 57	1.[illegible]	3.6	4.0	.4														72	72	33	14
5 / 55	.6	4.0	1.5	.5														53	53	47	36
4/ 53	1.9	7.2	2.8	.2														98	98	108	56
2/ 51	.5	6.2	4.6															91	91	71	79
5 / 49	1.1	5.7	2.3	.1	.2													77	77	107	73
[illegible] / 47	1.7	9.5	2.2															109	109	110	91
4 / 45	2.3	13.8	2.3															150	150	123	164
4/ 43	.6	4.4	1.1															50	50	102	94
2/ 41	.1	3.5	.2															31	31	43	88
[illegible] / 39		1.9	.7															21	21	28	44
3 / 37	.1	.7																7	7	16	30
[illegible] / 35		.2																2	2	12	20
3[illegible] / 33	.1																	1	1	3	5
2/ 31																					9
1 TAL	1[illegible]	2.6	3.2	2.4	.1	2.2	.2												810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6215118	70692	87.3	7.503	810							90
Dry Bulb	2041433	40429	49.9	5.393	810							90
Wet Bulb	1892754	38928	48.1	5.203	810							90
Dew Point	1758909	37477	46.3	5.551	810		1.0					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 C1 C STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 71					.1	.2	.1											4	4		
/ 69						.2												2	2		
/ 67					.3													4	4		
6/ 65			.1	.6	.2													8	8		
4/ 63		1.5	2.0	1.6	.4	.1												45	45	1	
2/ 61		.7	1.9	1.5	.4													36	36	26	4
/ 59	.9	3.3	4.7	1.5	.5	.1												89	89	37	23
/ 57	.2	4.2	3.6	2.0	.7	.1												88	88	69	41
5 / 55	.6	5.3	3.6	2.0	.4													96	96	77	58
4/ 53	.6	4.6	5.1	1.2	.1													94	94	101	80
2/ 51	.9	4.9	5.4	.6														96	96	107	91
5 / 49	.6	4.7	3.6															72	72	126	74
5 / 47	1.1	5.2	3.7	.2														77	77	104	102
4 / 45	.9	5.6	1.4															63	63	87	154
4/ 43		1.4	.4															14	14	41	71
2/ 41		2.3	.1															20	20	21	61
4 / 39		.2																2	2	10	36
3 / 37																				3	9
/ 35																					4
3 / 33																					2
TOTAL	5.3	44.0	34.7	11.2	3.3	.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.	5627822	67062	82.8	9.666	810							
Dry Bulb	2369176	43558	53.8	5.759	810			1.1				90
Wet Bulb	2126680	41298	51.0	5.106	810							90
Dew Point	1931574	39316	48.5	5.360	810							90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]0 | BITBURG AB DL | 73-81 | SEP
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81										.1								1	1		
/ 79									.1		.1							2	2		
7 / 77								.5	.4									7	7		
6/ 75							.5	.4										7	7		
4/ 73					.1	.4	.7	.4										13	13		
/ 71			.2		.5	1.4	.5											21	21		
/ 69			.4	.2	1.1	1.6	.4	.1										31	31		
6 / 67			.4	.5	1.6	.7	.2	.1										29	29	2	
6/ 65			1.1	2.3	2.1	.9	.9	.2										61	61	5	
4/ 63		1.6	2.7	4.9	3.6	2.1	.7	.1										128	128	41	4
2/ 61	.1	1.7	2.2	2.5	1.7	1.4	.4											75	75	70	20
/ 59	.1	1.0	3.8	3.6	3.5	1.1	.1											107	107	79	34
/ 57	.1	2.2	3.0	2.5	2.5	.1												84	84	91	51
5 / 55	.2	1.1	2.2	3.6	.9	.4												68	68	107	78
4/ 53	.2	2.0	2.2	1.2	1.0													54	54	104	87
2/ 51	.5	2.0	2.7	1.6	.1													56	56	102	101
5 / 49	.2	1.0	2.0	.4														29	29	86	78
/ 47		1.4	1.2	.1														22	22	56	73
4 / 45		.6																5	5	50	119
4/ 43		1.1																9	9	10	62
2/ 41		.1																1	1	7	58
4 / 39																					31
3 / 37																					8
/ 35																					6
TOTAL	1.6	15.1	24.2	23.5	18.6	10.0	4.4	1.9	.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.	4140628	56884	70.2	13.426	810							
Dry Bulb	2941749	48505	59.9	6.775	810			12.3	3.3	.3		90
Wet Bulb	2410417	43981	54.3	5.257	810			.2				90
Dew Point	2025217	40229	49.7	5.801	810							90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]00 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 85												.1						1	1		
4/ 83											.2							2	2		
[illegible]/ 81										.5	.4							7	7		
/ 79									.2	.6								7	7		
7[illegible]/ 77							.1	.4	.7	.1								11	11		
6/ 75						.2	.6	.4	.1									11	11		
4/ 73					.4	1.0	1.6	.4	.2	.1								30	30		
[illegible]/ 71				.2	.7	1.7	1.5	.6										39	39		
/ 69				.5	1.1	3.0	.6	1.0										50	50		
6[illegible]/ 67			.1	1.0	1.7	2.1	.9	.6	.4									55	55		
6/ 65			.6	1.0	3.3	1.1	1.4	.4										63	63	10	
4/ 63		.5	3.0	5.3	4.3	2.8	1.6	.6										147	147	59	2
2/ 61		.2	1.2	2.1	1.7	2.5	.1	.1										65	65	71	8
/ 59		.9	1.0	3.7	2.5	2.5	.1											86	86	99	36
[illegible]/ 57	.1	1.5	1.7	2.5	1.1	1.1												65	65	102	54
5[illegible]/ 55	.1	.7	2.2	1.9	1.4	1.1												60	60	102	58
4/ 53	.1	1.6	1.4	1.0	1.5													45	45	104	90
2/ 51		.6	1.9	.9														27	27	97	103
5[illegible]/ 49			1.6	.6														18	18	58	86
[illegible]/ 47		1.0	.6															13	13	49	83
4[illegible]/ 45	.1	.2	.2															5	5	50	92
4/ 43		.2																2	2	8	50
2/ 41		.1																1	1	1	80
4[illegible]/ 39																					43
3[illegible]/ 37																					17
3[illegible]/ 35																					7
2[illegible]/ 31																					1
TOTAL	.5	7.7	15.6	20.6	19.8	19.1	8.5	4.4	1.7	1.4	.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.	3408247	51233	63.3	14.399	810							
Dry Bulb	3199286	50563	62.4	7.320	810			23.7	7.7	1.9		90
Wet Bulb	2480070	44618	55.1	5.254	810							90
Dew Point	1976800	39722	49.0	5.972	810		.1					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 [illegible]0 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 83											.1							1	1		
/ 81										.1	.1							2	2		
/ 79									.1									1	1		
7 / 77								.6	.4	.1								9	9		
6/ 75						.1	.5	.2										7	7		
4/ 73					.2	.2	.7	.2	.1									13	13		
2/ 71				.1	.5	.9	1.2		.2									24	24		
/ 69				.2	1.1	1.6	.4	.5										31	31		
6/ 67			.2	.2	1.9	.7	.6	.1	.2									33	33		
6/ 65			.7	2.1	1.6	.6	.5	.5	.1									50	50	5	
4/ 63		1.0	1.7	6.2	3.3	2.1	1.1	.2										127	127	29	2
2/ 61		.6	3.2	2.3	2.2	.9	.6											80	80	64	2
/ 59		1.4	3.5	3.7	1.6	2.8		.1										106	106	79	32
/ 57		2.0	2.1	3.0	.9	.7	.2											72	72	110	46
5 / 55		2.5	2.7	2.3	1.7	.7												81	81	92	79
4/ 53		1.4	4.3	1.4	.7													63	63	109	103
2/ 51		1.5	1.4	1.2	.7													39	39	99	93
5 / 49	.1	.4	1.2	.9														21	21	86	74
/ 47	.1	1.7	1.2															25	25	49	75
4/ 45		1.2	.6															15	15	58	110
4/ 43		.4	.1															4	4	16	40
2/ 41		.6																5	5	9	75
4 / 39		.1																1	1	4	43
3 / 37																				1	27
/ 35																					5
3 / 33																					3
2/ 31																					1
TOTAL	.2	14.7	23.1	23.7	16.5	11.5	5.9	2.6	1.2	.2	.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.	3954155	55441	68.4	14.039	810							
Dry Bulb	2945054	48508	59.9	7.039	810			13.4	3.7	.4		90
Wet Bulb	2376956	43664	53.9	5.355	810							90
Dew Point	1964417	39591	48.9	6.018	810		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6107 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | SEP MONTH

 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
6/ 75								.1										1	1		
/ 71						.1	.1											2	2		
/ 69					.1	1.0												9	9		
6 / 67				.2	.5													6	6		
6/ 65			.2	.9	.9	.4												19	19		
4/ 63		.7	2.1	4.2	.7													63	63	2	
2/ 61	.1	.7	3.1	3.0	.4	.4	.1											63	63	21	5
/ 59		1.5	7.7	2.3	.7	.6												104	104	46	12
/ 57	.4	3.0	3.7	2.1	1.1	.1												84	84	94	28
5 / 55	.5	4.9	3.2	2.6	1.2													101	101	107	69
4/ 53		4.7	4.9	2.8	.9													108	108	99	108
2/ 51	.2	2.7	6.3	1.2														85	85	98	116
5 / 49	.2	2.2	1.9	.9														42	42	102	73
/ 47	.5	2.3	3.2	1.2														59	59	103	64
4 / 45	.4	2.1	1.6	.1														34	34	68	128
4/ 43		1.9	.4															18	18	33	50
2/ 41		1.2	.2															12	12	27	74
4 / 39																				9	46
3 / 37																				1	29
/ 35																					8
TOTAL	2.3	28.0	38.5	21.6	6.5	2.6	.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.	4999528	63018	77.8	10.935	810							
Dry Bulb	2511045	44849	55.4	5.861	810			2.0	.1			90
Wet Bulb	2181341	41827	51.6	5.151	810							90
Dew Point	1918596	39150	48.3	5.707	810							90

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 6100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 85												.0						1	1		
4/ 83											.0							3	3		
/ 81										.1	.1							10	10		
/ 79									.1	.1	.0							10	10		
7-/ 77							.3	.2	.2	.0								27	27		
6/ 75						.3	.2	.1	.0									26	26		
4/ 73					.1	.2	.4	.1	.0	.0								56	56		
/ 71			.0	.0	.2	.5	.4	.1	.0									90	90		
/ 69			.0	.1	.4	.9	.2	.2										124	124		
6 / 67			.1	.2	.8	.5	.2	.1	.1									129	129	2	
6/ 65		.0	.4	.9	1.0	.4	.3	.1	.0									210	210	20	
4/ 63	.0	.8	1.7	3.0	1.6	.9	.4	.1										558	558	134	9
2/ 61	.0	.6	1.9	1.7	.8	.6	.2	.0										378	378	272	47
/ 59	.1	2.0	3.7	2.2	1.1	.9	.0	.0										653	653	382	155
/ 57	.4	3.0	3.2	1.6	.9	.3	.0											609	609	618	290
5 / 55	.5	4.2	2.7	1.9	.7	.3												662	662	670	485
4/ 53	.6	4.2	3.7	1.3	.5													664	664	867	685
2/ 51	.6	3.5	4.1	.8	.1													597	597	766	794
5 / 49	.5	2.7	2.6	.4	.0													413	413	747	630
4 / 47	.7	4.5	2.1	.2														491	491	700	638
4 / 45	.7	4.5	1.5	.0														435	435	633	1028
4/ 43	.1	1.8	.5															158	158	324	521
2/ 41	.1	1.8	.1															126	126	191	580
4 / 39		.5	.1															39	39	100	319
3 / 37	.0	.1																8	8	37	197
/ 35		.0																2	2	14	75
3 / 33	.1																	1	1	3	15
/ 31																					12
TOTAL	4.4	34.2	28.5	14.5	8.4	5.7	2.4	1.1	.4	.2	.1	.0						6480	6480	6480	6480

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.	40046603	501245	77.4	14.023	6480							
Dry Bulb	20462857	360887	55.7	7.497	6480			52.9	14.8	2.7		720
Wet Bulb	17521184	334904	51.7	5.726	6480			.2				720
Dew Point	15289729	312511	48.2	5.804	6480		1.3					720

USAFETAC FORM AK 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 6130 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 65					.1													1	1		
4/ 63				.2														2	2		
2/ 61			.1	.2														3	3		
0/ 59		.4	.8	.2	.1													13	13	1	
8/ 57		.8	1.3		.1													19	19	10	
5/ 55	.4	1.7	.5	.1														22	22	17	10
4/ 53	.8	4.7	1.1															55	55	45	25
2/ 51	.5	3.6	3.7	.1														66	66	46	47
5/ 49	1.1	4.4	3.5	.2														77	77	57	44
4/ 47	.6	5.7	1.9	.1														70	70	77	58
4/ 45	.8	9.0	2.9	.4														109	109	93	86
4/ 43	.4	7.2	3.7	.6														99	99	88	71
2/ 41	.5	9.3	1.6	.1														96	96	102	94
4/ 39	.4	7.6	1.6	.1														81	81	107	92
3/ 37	1.1	4.8	.7	.7														61	61	71	106
3/ 35	.4	3.2	1.1															39	39	53	70
3/ 33	.5	1.4																16	16	44	45
2/ 31	.2	.1	.2															5	5	20	38
1/ 29		.4																3	3	4	21
2/ 27																				2	14
0/ 25																					8
2/ 23																					5
2/ 19																					3
TOTAL	7.5	64.3	24.6	3.2	.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.	6148327	71369	85.3	8.671	837							
Dry Bulb	1745327	37849	45.2	6.359	837		.9					93
Wet Bulb	1596546	36186	43.2	6.198	837		2.9					93
Dew Point	1446152	34318	41.0	6.837	837		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

1 6100 STATION | BITBURG AB GL STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59		.6	.8	.2														14	14		
/ 57	.1	.4	.7	.1														11	11	9	2
5 / 55	.4	1.0	.7	.1														18	18	11	10
4 / 53	.6	2.6	1.3															38	38	23	11
2 / 51	.5	4.7	1.9															59	59	47	21
5 / 49	.6	3.0	2.6	.2														54	54	53	51
/ 47	.6	6.3	1.7	.1														73	73	72	41
/ 45	1.7	9.7	4.5															133	133	94	101
4 / 43	.1	5.5	1.9	.2														65	65	88	70
2 / 41	1.3	11.6	1.1	.2														119	119	96	103
4 / 39	2.3	5.6	1.6															79	79	98	104
/ 37	2.2	5.4	1.4	.2														77	77	75	91
/ 35	.8	3.2	.8	.2														43	43	68	65
3 / 33	.8	1.7	.7	.1														28	28	46	44
2 / 31		1.2	.5															14	14	33	35
/ 29		1.1																9	9	20	31
/ 27	.2																	2	2	3	31
/ 25																					13
/ 23																					9
/ 1																					3
TOTAL	12.2	63.5	22.4	1.9															836		836
																		836		836	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Tempera...						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6304863	72251	86.4	8.519	836							
Dry Bulb	1646813	36705	43.9	6.498	836		2.8					93
Wet Bulb	1517826	35226	42.1	6.337	836		6.2					93
Dew Point	1381502	33488	40.1	6.926	836		13.6					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

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
/ 59			1.1															9	9		
/ 57		.7	.1															7	7	3	
5 / 55	.5	1.0	.7															18	18	16	8
4/ 53	.4	3.1	.4															32	32	13	19
2/ 51	.6	3.7	1.3															47	47	52	9
5 / 49	.7	3.9	2.0	.4														59	59	46	57
/ 47	.7	5.5	1.8	.1														68	68	62	38
4 / 45	1.7	11.2	3.1															134	134	85	89
4/ 43	1.0	6.6	2.0	.4														83	83	114	67
2/ 41	1.4	8.8	1.8															101	101	86	121
/ 39	1.6	6.5	.4	.5														74	74	79	86
3 / 37	2.6	4.8	1.0	.2														72	72	91	78
/ 35	1.9	4.8	1.1	.1														66	66	64	86
3 / 33	.8	2.0	1.1	.4														36	36	59	47
2/ 31	.2	1.6	.5															19	19	35	39
/ 29	.2	1.1																11	11	31	25
/ 27	.1																	1	1	1	43
/ 25																					14
/ 23																					8
/ 19																					2
/ 17																					1
TOTAL	14.5	65.2	18.3	2.0															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.	6438349	73057	87.3	8.585	837							
Dry Bulb	1601893	36215	43.3	6.466	837		3.4					93
Wet Bulb	1484523	34845	41.6	6.368	837		7.4					93
Dew Point	1359260	33218	39.7	6.998	837		14.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]00 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 63			.1	.2	.1													4	4		
[illegible]/ 61		.1	.6															6	6		
/59		.5	.7	.2														12	12	2	1
5-/ 57		1.7	1.2	.4														27	27	13	1
5-/ 55	.4	1.1	.7		.1													19	19	23	15
[illegible]4/ 53	.4	2.5	1.0	.5														36	36	28	22
2/ 51	.7	3.7	2.6	.4														62	62	47	30
5 / 49	.6	4.1	3.2	.4														69	69	47	45
[illegible] / 47	1.1	5.0	1.6	.1														65	65	80	45
4/ 45	1.9	11.5	3.8	.2														146	146	112	104
4/ 43	.7	7.6	1.9	.7														92	92	101	81
2/ 41	1.0	7.6	1.3	.5														87	87	83	121
4 / 39	1.0	5.7	.8	.1	.2													66	66	77	79
3 / 37	1.4	5.0	1.0	.2														64	64	76	79
[illegible]/ 35	.5	3.7	.6	.2														42	42	58	61
3/ 33	.6	1.9	.2															23	23	44	47
2/ 31	.1	1.4	.1															14	14	35	32
[illegible] / 29		.4																3	3	8	30
2[illegible] / 27																				3	28
[illegible] / 25																					6
2[illegible] / 23																					4
2/ 21																					1
[illegible] / 19																					5
TOTAL	10.3	63.6	21.5	4.2	.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.	6211698	71690	85.7	9.240	837							
Dry Bulb	1724857	37585	44.9	6.664	837		1.9					93
Wet Bulb	1579958	35964	43.0	6.439	837		5.1					93
Dew Point	1433619	34133	40.8	7.060	837		11.8					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 6100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1										1	1		
72/ 71							.1											1	1		
/ 69						.2												2	2		
68/ 67					.6													5	5		
6/ 65				.6	.2													7	7		
4/ 63			.5	2.3	.1	.2												26	26		
2/ 61		.1	1.0	.6	.5	.1												19	19	4	
/ 59		.8	2.0	1.3	.5	.2												41	41	20	1
57	.1	.4	1.6	1.1	.6													31	32	34	10
5/ 55	.1	.8	2.0	1.9	.4	.1												45	45	32	25
4/ 53	.4	3.1	1.6	4.4	.6													84	84	43	33
2/ 51	.4	2.9	3.7	1.4	.4		.2											75	75	68	41
5 / 49	.2	1.4	3.6	1.4	.2													58	58	62	58
48/ 47	.5	4.2	3.9	1.7	.6	.2												93	93	106	45
4 / 45	.7	9.7	4.5	1.3	1.0	.2												146	146	113	114
4/ 43	.2	2.6	2.8	1.0	.4	.1												59	59	106	88
2/ 41	.2	5.1	1.3	.8	.1													64	64	73	118
4 / 39	.4	3.9	.7															42	42	66	80
36/ 37		2.2	.2															20	20	53	67
3 / 35	.4	1.0	.2															13	13	38	61
34/ 33	.2	.1																3	3	15	36
2/ 31		.1																1	1	3	15
/ 29																					14
2 / 27																					15
/ 25																					9
2 / 23																					1
2/ 21																					3
/ 19																					2
TOTAL	3.8	38.5	29.7	19.9	6.1	1.6	.4	.1										836	837	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.	5225831	65299	78.1	12.255	836							
Dry Bulb	2073543	41235	49.3	7.096	837		.1	1.0	.1			93
Wet Bulb	1794701	38373	45.9	6.320	836		.3					93
Dew Point	1545548	35460	42.4	7.047	836		6.6					93

USAFETAC FORM AK 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 6130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.2											2	2		
74/ 73							.1											1	1		
72/ 69					.5	.7												10	10		
69/ 67					1.2	.4	.1											14	14		
67/ 65				.6	.7													11	11		
65/ 63			1.1	2.6	1.0	.6	.5											48	48	2	
63/ 61			.4	2.2	.6	.1												27	27	16	
61/ 59		.6	.8	1.6	.6	1.0												38	38	27	
59/ 57		.6	1.3	1.8	1.9	.1												48	48	34	21
57/ 55		2.5	1.4	3.2	1.0	.2												70	70	38	29
55/ 53		1.0	1.3	4.5	1.8		.6											77	77	64	27
53/ 51		1.9	4.4	1.9	1.3	.1												81	81	40	62
51/ 49	.2	1.4	3.3	2.0	1.0													67	67	91	33
49/ 47	.4	2.6	3.9	2.8	1.0													89	89	109	51
47/ 45	.4	5.0	2.9	2.8	1.1	.5												105	105	99	100
45/ 43		1.7	2.5	1.1	.4													47	47	107	76
43/ 41		4.5	1.7	.5	.1													57	57	66	121
41/ 39	.2	1.7	.6															21	21	71	92
39/ 37		1.8	.5															19	19	34	59
37/ 35	.2	.1	.1															4	4	32	55
35/ 33																				6	49
33/ 31																					18
31/ 29																					15
29/ 27																					11
27/ 25																					10
25/ 23																					4
23/ 21																					2
21/ 19																					1
TOTAL	1.4	25.5	26.3	27.5	14.0	3.7	1.6											836		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.	4558862	60766	72.7	13.040	836							
Dry Bulb	2253353	42947	51.4	7.485	836			3.0	.3			93
Wet Bulb	1879846	39274	47.0	6.457	836							93
Dew Point	1552934	35512	42.5	7.295	836		6.8					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 6130 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 71						.1												1	1		
/ 69						.2												2	2		
/ 67					.4													3	3		
6/ 65				.8	.2	.1												10	10		
4/ 63			.5	1.8	.5													23	23		
2/ 61		.1	1.0	1.3	.4													23	23	6	
/ 59		.5	1.1	1.3	.4													27	27	20	
/ 57	.1	.7	2.2	1.1	.4	.2												38	38	29	11
5 / 55		1.7	1.9	1.8	.5	.1												50	50	27	31
4/ 53	.1	2.3	2.7	2.6	.5													69	69	53	24
2/ 51	.2	2.2	4.4	1.2	.2													69	69	47	45
5 / 49	.1	3.0	3.2	1.9	.2													71	71	84	43
4 / 47	.5	3.3	2.9	1.2	.4	.1												70	70	89	54
4 / 45	.4	7.9	7.2	2.0	1.1	.2												157	157	94	100
4/ 43		3.3	2.2	1.0	.4	.1												58	58	114	79
2/ 41		5.6	2.7	1.3	.1													82	82	69	97
4 / 39	.5	3.6	1.4	.1	.1													48	48	84	106
3 / 37		2.2	.2															20	20	56	76
/ 35		1.7	.7															14	14	44	51
3 / 33	.1		.1															2	2	16	39
2/ 31																				4	31
/ 29																				1	18
/ 27																					14
/ 25																					11
/ 23																					4
/ 17																					3
TOTAL	2.1	37.3	34.3	19.5	5.6	1.3												837		837	837
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5145495	64935	77.6	11.355	837							
Dry Bulb	2041964	40916	48.9	7.073	837			.7				93
Wet Bulb	1771064	38120	45.5	6.465	837		.6					93
Dew Point	1516357	35103	41.9	7.269	837		9.0					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

1 100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | OCT MONTH

 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
5 / 67					.1													1	1		
6 / 65				.2	.1													3	3		
4 / 63				.1														1	1		
/ 61		.2	.7	.1														9	9	2	
/ 59		.2	1.6	.7														21	21	5	
/ 57		1.1	1.2	.2														20	20	11	6
5 / 55	.4	1.4	1.4	.4	.1													31	31	26	11
4 / 53	.7	3.3	2.0	1.6														64	64	40	30
2 / 51	.5	3.2	4.2	.4	.2													71	71	48	36
5 / 49	.8	2.9	3.0															56	56	71	40
/ 47	1.1	2.7	2.6	.6														59	59	80	63
4 / 45	.8	9.2	5.7	1.1	.1													142	142	77	92
4 / 43	.1	7.3	4.2	1.0														105	105	104	60
2 / 41		8.1	2.3	1.1	.1													97	97	99	107
4 / 39	.1	7.0	.6	.7	.1													72	72	88	95
3 / 37	.6	3.6	1.1		.1													45	45	84	89
/ 35	.1	2.3	.7															26	26	45	90
3 / 33	.4	.5	.7															13	13	40	27
2 / 31		.1																1	1	9	27
/ 29																				8	31
/ 27																					12
/ 25																					15
/ 23																					3
/ 17																					3
TOTAL	.6	53.2	32.0	8.1	1.1													837	837	837	837

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5905216	69259	82.7	9.519	837							
Dry Bulb	1817979	38627	46.1	6.495	837		.1	.1				93
Wet Bulb	1636367	36632	43.8	6.295	837		1.9					93
Dew Point	1454294	34386	41.1	7.057	837		10.1					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

[illegible] STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | OCT 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
[illegible] / 75							.0	.0										3	3		
[illegible] / 73							.0											1	1		
[illegible] / 71						.0	.0											2	2		
[illegible] / 69					.1	.1												14	14		
[illegible] / 67					.3	.0	.0											23	23		
6 / 65				.3	.2	.0												32	32		
4 / 63			.3	.9	.2	.1	.1											104	104	2	
[illegible] / 61		.1	.5	.6	.2	.0												87	87	28	
[illegible] / 59		.4	1.1	.7	.2	.1												175	175	75	2
[illegible] / 57	.[illegible]	.8	1.2	.6	.4	.0												201	202	143	51
5 / 55	.3	1.4	1.2	.9	.3	.1												273	273	190	139
4 / 53	.4	2.8	1.4	1.7	.4		.1											455	455	309	191
[illegible] / 51	.4	3.2	3.3	.7	.3	.0	.0											530	530	395	291
5 / 49	.6	3.0	3.1	.8	.2													511	511	511	371
4 / 47	.7	4.4	2.5	.8	.2	.0												587	587	675	395
4 / 45	1.[illegible]	9.1	4.3	1.0	.4	.1												1072	1072	767	786
4 / 43	.3	5.2	2.6	.7	.1	.0												608	608	822	592
[illegible] / 41	.6	7.6	1.7	.6	.1													703	703	674	882
4 / 39	.8	5.2	1.0	.2	.1													483	483	670	734
3 / 37	1.1	3.7	.8	.2	.0													378	378	540	645
[illegible] / 35	.5	2.4	.7	.1														247	247	402	539
3 / 33	.4	1.0	.4	.1														121	121	270	334
[illegible] / 31	.1	.6	.2															54	54	139	235
[illegible] / 29	.1	.4																26	26	72	185
[illegible] / 27	.1																	3	3	9	168
[illegible] / 25																					86
[illegible] / 23																					38
[illegible] / 21																					6
[illegible] / 19																					16
[illegible] / 17																					7
TOTAL	7.2	51.4	26.1	10.8	3.5	.8	.2	.0											6694		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.	45838641	548617	82.0	11.397	6693							
Dry Bulb	14905329	312079	46.6	7.293	6694		9.2	4.8	.4			744
Wet Bulb	13260824	294620	44.0	6.605	6693		24.5					744
Dew Point	11689666	275618	41.2	7.125	6693		82.4					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

14130 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 61			.1															1	1		
/ 59		.1	.1															2	2		
/ 57		.4	.1															4	4	3	
/ 55			.2															2	2	3	2
/ 53		1.2	.2	.4														15	15	2	4
/ 51	.1	1.9	1.0	.1														25	25	17	5
/ 49	.1	2.3	1.2	.1														31	31	23	16
/ 47	.2	3.8	.2	.1														36	36	38	23
/ 45	.5	4.2	.6	.2														45	45	39	49
/ 43	.4	4.8	1.0	.2														52	52	46	32
/ 41	1.7	9.3	1.6	.1														97	97	64	55
/ 39	.1	9.4	.7	.2														85	85	78	56
/ 37	1.7	10.1	1.6															109	109	104	79
/ 35	.5	10.0	2.1															102	102	97	82
/ 33	.6	3.8	.9															43	43	93	100
/ 31	.6	3.2	.7															37	37	54	69
/ 29	.6	4.8	1.0															52	52	41	53
/ 27	.9	3.5	1.2															45	45	50	62
/ 25		1.2	.1															11	11	27	31
/ 23	.2	.9	.2															11	11	19	35
/ 21		.2																2	2	6	13
/ 19		.2																2	2	4	14
/ 17																				1	15
/ 15																					5
/ 13																					7
/ 11																					2
TOTAL	7.7	75.5	15.2	1.6															809		809
																		809		809	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5882380	68664	84.9	8.214	809							
Dry Bulb	1248666	31254	38.6	7.144	809		17.8					90
Wet Bulb	1143772	29882	36.9	7.038	809		22.5					90
Dew Point	1010407	27853	34.4	7.98	809		34.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]13 BITBURG AB GL 73-81 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 57		.6		.2														7	7		
5 / 55		.1	.1															2	2	5	1
4 / 53		.4		.1														4	4	3	5
2 / 51		1.2	.7															16	16	12	2
5 / 49	.2	2.0	.9	.1														26	26	14	12
[illegible] / 47	.4	3.1	.1															29	29	32	14
4 / 45	.2	6.7	1.4	.1														68	68	46	49
4 / 43	.2	4.3	1.0	.2														47	47	53	38
2 / 41	.2	9.0	2.1															92	92	45	50
4 / 39	.2	9.1	.6	.1														82	82	68	58
3 / 37	2.0	8.3	1.7															97	97	105	68
[illegible] / 35	.7	9.5	.6															88	88	95	94
3 / 33	.9	7.2	.6															70	70	97	72
2 / 31		3.2	.7															32	32	70	69
[illegible] / 29	.1	5.2	.4															46	46	45	73
2 / 27	.9	5.1	1.4															59	59	42	66
[illegible] / 25	1.0	1.1																17	17	37	33
2 / 23	.5	1.9																19	19	20	38
2 / 21	.1	.4																4	4	13	23
[illegible] / 19		.5																4	4	3	11
[illegible] / 17																				4	10
1 / 15																					15
[illegible] / 13																					7
1 / 11																					1
TOTAL	7.8	78.9	12.4	1.0															809		809
																		809		809	

Element (X)	ΣX	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.	5972360	69226	85.6	7.764	809		20.1					90
Dry Bulb	1196129	30557	37.8	7.205	809		26.0					90
Wet Bulb	1100202	29276	36.2	7.103	809		38.5					90
Dew Point	975746	27342	33.8	7.996	809							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 100 STATION | BITBURG AB GE STATION NAME | 73-81 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59		.1																1	1		
/ 57		.2	.5	.2														8	8	1	
5 / 55																				2	3
4 / 53		.2	.2	.1														5	5	5	
2 / 51		1.1	.7															15	15	13	4
5 / 49	.2	1.2	1.0															20	20	5	13
/ 47	.1	3.3	.5															32	32	33	6
4 / 45	.4	8.4	.2	.4														76	76	54	42
4 / 43	.5	3.2	1.2															40	40	63	68
2 / 41	.2	8.6	1.5															84	84	34	45
4 / 39	.1	8.1	.1															68	68	62	46
3 / 37	1.6	6.9	1.2															79	79	89	62
3 / 35	1.0	13.0	1.2															123	123	90	74
3 / 33	1.5	5.1	.6															58	58	121	87
2 / 31	.1	4.7	.5															43	43	66	89
/ 29	.1	6.2	.2															53	53	44	44
/ 27	.7	4.2	1.0															48	48	46	85
/ 25	.2	2.2																20	20	25	28
2 / 23	1.0	2.1																25	25	35	39
2 / 21		.9																7	7	10	21
/ 19	.1	.5																5	5	8	16
/ 17																				4	11
1 / 15																					20
/ 13																					6
1 / 11																					1
TOTAL	8.0	80.4	10.9	.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.	6316485	69539	85.9	7.583	810							
Dry Bulb	1178495	30313	37.4	7.381	810		22.3					90
Wet Bulb	1087066	29086	35.9	7.259	810		26.4					90
Dew Point	964976	27174	33.5	8.120	810		40.0					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 [illegible]10 BITBURG AB DL 73-81 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 59		.4																3	3		
/ 57				.2														2	2	3	
5 / 55		.4																3	3		3
4/ 53		.2	.7	.2														10	10	3	
2/ 51	.1	1.1	.2															12	12	16	4
5 / 49		1.7	.6	.1														20	20	8	11
/ 47		3.6	.5	.2														35	35	32	8
/ 45	1.0	7.5	1.4	.4														83	83	48	51
4/ 43		3.3	1.0															35	35	66	41
2/ 41	.2	8.9	1.2	.1														85	85	40	61
/ 39	1.1	8.0	.6															79	79	74	58
3 / 37	2.1	6.7	1.9															86	86	88	78
/ 35	1.0	11.0	.6															102	102	82	60
3 / 33	.9	5.7	1.9															68	68	107	86
2/ 31	.2	4.1	.6															40	40	78	68
/ 29	.7	4.6	.4															46	46	40	85
2 / 27	1.1	3.8	1.0															48	48	44	63
/ 25	.6	2.1																22	22	33	25
2 / 23	.5	1.9	.1															20	20	27	37
2/ 21		1.0																8	8	9	21
/ 19		.4																3	3	9	17
1 / 17																				3	12
1 / 15																					17
1 / 13																					1
1 / 11																					3
TOTAL	9.6	76.3	12.7	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.	5993850	69394	85.7	7.763	810							
Dry Bulb	1194737	30535	37.7	7.345	810		20.8					90
Wet Bulb	1098808	29260	36.1	7.191	810		27.0					90
Dew Point	974242	27340	33.8	7.973	810		38.8					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 6100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 59		.1																1	1		
/ 57		.2		.1														3	3	1	
5 / 55		.4	.7	.4														12	12	2	3
4 / 53		.9	.5		.2													13	13	4	
2 / 51	.2	1.2	2.1	.1														30	30	20	6
5 / 49		2.1	1.5	.1														30	30	22	15
/ 47	.1	3.0	2.8	.6														53	53	45	11
4 / 45	.7	5.7	1.7	1.6														79	79	57	32
4 / 43	.5	3.8	1.5	.7	.1													54	54	58	28
2 / 41	.2	8.8	3.0	.7														103	103	66	70
4 / 39	1.3	7.4	5.3	.5														115	115	83	75
3 / 37	1.6	6.4	2.3	.5														88	88	95	71
/ 35	.4	5.1	2.1	.1														62	62	115	70
3 / 33	.5	4.2	2.3	.1														58	58	68	81
2 / 31	.2	1.9	2.3	.2														38	38	69	68
3 / 29	.4	2.5	1.2	.1														34	34	41	68
/ 27	.7	1.4	1.6															30	30	31	63
/ 25	.1	.4	.1															5	5	24	33
/ 23		.2																2	2	9	31
2 / 21																					18
/ 19																					12
/ 17																					3
/ 15																					7
/ 13																					3
/ 11																					2
TOTAL	6.8	55.6	31.2	6.0	.4														810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5487522	66130	81.6	10.461	810							
Dry Bulb	1345969	32565	40.2	6.739	810		12.1					90
Wet Bulb	1203491	30757	38.0	6.633	810		19.3					90
Dew Point	1033693	28255	34.9	7.709	810		34.2					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 6100 STATION | BITBURG 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
/ 59				.1														1	1		
/ 57		.4	.2	.6														10	10		
5 / 55		.7	1.2	.1														15	15	3	3
4 / 53		.2	1.6	.7														21	21	9	1
2 / 51	.1	.5	2.6		.4													29	29	23	6
5 / 49	.4	1.7	2.5	.6	.2													44	44	28	17
5 / 47	.1	2.5	2.6	.4	.1													46	46	49	20
4 / 45	.6	5.6	3.2	2.1	.1													94	94	52	65
4 / 43	.1	4.2	2.1	1.9														67	67	65	29
2 / 41	.6	7.4	5.6	2.0	.4													129	129	90	73
4 / 39	.2	6.2	4.9	1.2	.1													103	103	79	78
3 / 37	.2	4.8	2.6	1.2														88	88	110	62
/ 35	.1	2.7	2.2	.9														48	48	96	77
3 / 33	.5	2.2	1.5	1.2														44	44	67	80
2 / 31		1.2	1.5	.1														23	23	58	64
3 / 29		2.8	.7	.2														31	31	38	65
2 / 27	.2	.2	1.6															17	17	23	62
/ 25																				17	33
2 / 23																				3	31
2 / 21																					15
/ 19																					13
1 / 17																					5
1 / 15																					6
1 / 13																					1
1 / 11																					4
TOTAL	5.3	43.5	36.4	13.5	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.	5076713	63419	78.3	11.730	810							
Dry Bulb	1433897	33665	41.6	6.551	810		7.9					90
Wet Bulb	1255403	31455	38.8	6.473	810		15.4					90
Dew Point	1045789	28405	35.1	7.837	810		33.2					90

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 [illegible]100 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
NOV — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57		.5	.1															5	5		
[illegible] / 55		.2	1.1	.2														13	13	4	2
[illegible] / 53		.2	.6	.5	.1													12	12	4	3
[illegible] / 51		1.1	1.9	.1														25	25	18	3
5 / 49		2.2	1.2															28	28	23	8
[illegible] / 47	.2	3.7	.9	.2														41	41	47	23
[illegible] / 45	.2	5.9	2.8	.6														78	78	37	61
[illegible] / 43	.2	4.2	2.1	.5														57	57	65	34
[illegible] / 41	.6	9.5	4.2	.7														122	122	71	63
4 / 39	.7	8.2	2.2	.2														92	92	84	72
3 / 37	2.1	7.7	3.2	.2														107	107	112	68
[illegible] / 35	.2	5.1	2.6	.4														67	67	90	87
[illegible] / 33	.2	3.6	2.1	.9														55	55	81	78
[illegible] / 31	.2	1.6	1.5															27	27	62	57
[illegible] / 29		3.7	.7															36	36	38	66
2 / 27	.1	2.5	2.2															39	39	34	71
[illegible] / 25		.2	.1															3	3	28	25
[illegible] / 23		.2																2	2	9	33
[illegible] / 21																				2	22
[illegible] / 19																					20
[illegible] / 17																					1
[illegible] / 15																					6
[illegible] / 13																					2
1 / 11																					4
TOTAL	5.1	60.4	29.7	4.7	.1													809	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.	5437433	65851	81.4	9.781	809							
Dry Bulb	1329181	32347	40.0	6.658	809		11.9					90
Wet Bulb	1190469	30563	37.8	6.66	809		19.2					90
Dew Point	1019509	28013	34.6	7.828	809		34.2					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 6130 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59		.1																1	1		
/ 57		.2	.2															4	4	1	
5 / 55			.6	.1														6	6	2	1
4/ 53		1.0	.1	.4														12	12	4	2
2/ 51		1.6	1.1															22	22	19	3
5 / 49		2.6	1.0															29	29	19	15
4 / 47	.5	3.3	.4															34	34	48	20
4 / 45	.6	4.7	1.9															58	58	27	65
4/ 43	.5	3.8	1.9	.2														52	52	52	21
2/ 41	.4	11.1	2.2															111	111	65	52
4 / 39	.6	9.0	1.7															92	92	81	74
3 / 37	2.7	8.3	2.7															105	105	105	84
/ 35	.2	8.5	1.4															82	82	91	61
34/ 33	.5	3.6	1.6	.2														48	48	96	94
2/ 31	.2	2.0	1.4	.1														30	30	51	61
/ 29	.2	4.6	.7															45	45	47	60
2 / 27	.9	4.4	2.1															60	60	41	65
/ 25	.1	1.0	.2															11	11	38	33
24/ 23		.4	.2															5	5	14	33
2/ 21		.4																3	3	5	22
/ 19																				4	16
1 / 17																					14
1 / 15																					2
1 / 13																					10
1 / 11																					1
/ 9																					1
TOTAL	6.8	70.6	21.5	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.	5746051	67851	83.8	8.782	810							
Dry Bulb	1259737	31434	38.8	7.019	810		17.1					90
Wet Bulb	1146816	29946	37.0	7.005	810		22.2					90
Dew Point	1002234	27734	34.2	8.066	810		35.3					90

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 C100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 61			.0															1	1		
/ 59		.1	.0	.0														9	9		
/ 57		.3	.2	.2														43	43	9	
/ 55		.2	.5	.1														53	53	21	18
/ 53		.6	.5	.3	.0													92	92	34	15
/ 51	.1	1.2	1.3	.0	.0													174	174	138	33
/ 49	.1	2.0	1.2	.1	.0													228	228	142	107
/ 47	.2	3.3	1.0	.2	.0													306	306	324	125
/ 45	.5	6.1	1.7	.7	.0													581	581	360	454
/ 43	.3	4.0	1.5	.5	.0													404	404	468	291
/ 41	.4	9.1	2.7	.5	.0													823	823	475	469
/ 39	.5	8.2	2.0	.3	.0													716	716	609	517
/ 37	1.9	7.4	2.2	.2														759	759	808	572
/ 35	.5	8.1	1.6	.2														674	674	756	605
/ 33	.7	4.4	1.4	.3														444	444	730	678
/ 31	.2	2.7	1.2	.1														270	270	508	545
/ 29	.3	4.3	.7	.0														343	343	334	514
/ 27	.7	3.1	1.5															346	346	311	537
/ 25	.3	1.0	.1															89	89	229	241
/ 23	.3	.9	.1															84	84	136	277
/ 21	.0	.4																24	24	45	155
/ 19	.2	.2																14	14	28	119
/ 17																				12	71
/ 15																					78
/ 13																					37
/ 11																					18
/ 9																					1
TOTAL	7.1	67.6	21.2	3.8	.2														6477		6477
																		6477		6477	

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.	45612794	540074	83.4	9.461	6477							
Dry Bulb	10186804	252670	39.0	7.139	6477		130.1					720
Wet Bulb	9226027	240225	37.1	6.989	6477		178.2					720
Dew Point	8026596	222116	34.3	7.953	6477		288.2					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6170 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 53		.5																4	4	1	1
2/ 51		.4	.4															6	6	4	
5 / 49		.7	.5															10	10	2	4
4 / 47		2.0	.7															23	23	11	4
4 / 45	.1	4.7	1.6		.1													54	54	37	27
4/ 43	.4	4.3	1.2															49	49	44	25
2/ 41		5.6	1.0	.5														59	59	50	32
4 / 39	.1	5.3	1.2															55	55	50	44
3 / 37		3.9	2.6															55	55	60	57
7 / 35	.7	10.2	1.9															107	107	59	50
3 / 33	.7	7.8	1.4															83	83	124	73
2/ 31	1.0	7.6	1.3															83	83	105	82
7 / 29	.2	5.6	.2															51	51	67	85
2 / 27	.7	6.8	.6	.1														69	69	49	93
3 / 25	.1	3.7		.2														34	34	54	47
2 / 23	.5	2.7	.1															28	28	31	56
2/ 21	.5	2.7																27	27	31	35
1 / 19	.5	1.6																17	17	27	33
1 / 17	.1	.5																5	5	11	27
1 / 15		.6																5	5	3	22
1 / 13		.5																4	4	5	11
1 / 11	.2	.1																3	3	6	7
1 / 9	.2																	2	2	2	6
/ 7	.4	.1																4	4	4	6
/ 5																					9
/ 3																					1
TOTAL	6.5	77.9	14.7	.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.	5902185	69981	83.6	7.820	837							
Dry Bulb	1040671	28721	34.3	8.121	837		36.9					93
Wet Bulb	946415	27369	32.7	7.847	837		43.9					93
Dew Point	807249	24947	29.8	8.729	837		57.8					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

[illegible] 6170 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 53		.4	.1															4	4	1	
2 / 51		.1																1	1	3	1
5 / 49		.7	.5															10	10	1	2
[illegible] / 47		.4	.5															7	7	11	2
4 / 45	.1	5.9	2.6															72	72	26	20
4 / 43	.6	3.3	1.1															39	39	48	22
2 / 41	.4	4.3	1.4															51	51	51	43
4 / 39	.1	5.6	1.3															59	59	34	49
3 / 37	.7	4.7	1.6															58	58	63	45
[illegible] / 35	.4	9.1	1.9															95	95	66	52
3 / 33	1.0	8.2	1.1															86	86	100	54
2 / 31	.5	6.6	2.0															76	76	113	61
[illegible] / 29	.5	5.5	.6															55	55	81	80
[illegible] / 27	1.1	7.3	.6															75	75	49	124
[illegible] / 25		5.4	.1															46	46	48	55
[illegible] / 23	.6	2.9																29	29	47	46
2 / 21	.5	3.7	.4															38	38	25	59
[illegible] / 19	.6	.8	.2															14	14	36	21
[illegible] / 17	.1	.2																3	3	12	25
1 / 15		.6																5	5	3	37
[illegible] / 13	.1	.5																5	5	10	5
1 / 11		.6																5	5	5	9
[illegible] / 9	.2	.1																3	3	3	11
[illegible] / 7	.1																	1	1	1	5
[illegible] / 5																					8
[illegible] / 3																					1
TOTAL	[illegible].5	76.5	16.0																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.	5865110	69762	83.3	7.780	837							
Dry Bulb	1006999	28239	33.7	8.056	837		39.4					93
Wet Bulb	915566	26900	32.1	7.813	837		48.1					93
Dew Point	775733	24417	29.2	8.711	837		60.8					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 6110 STATION — BITBURG AB DL STATION NAME — 73-81 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 53		.4																3	3		
2/ 51			.2															2	2	3	
5 / 49		.7	.1															7	7	1	3
/ 47		1.3	.1	.1														13	13	7	1
4 / 45		6.1	2.2															69	69	37	20
4/ 43	.1	3.6	.8															38	38	34	25
2/ 41	.5	6.5	.4															61	61	55	44
4 / 39		4.7	1.2															49	49	54	60
3 / 37	.6	4.4	1.0															50	50	46	37
/ 35	.1	9.9	2.2															102	102	68	51
3 / 33	.7	7.4	1.7															82	82	95	57
2/ 31	.4	7.6	1.2															77	77	110	58
/ 29	.2	7.0	.6															66	66	91	76
2 / 27	1.1	6.6	.2															66	66	54	121
/ 25	.6	3.1																31	31	37	69
2 / 23	.6	5.3																49	49	34	49
2/ 21	.7	1.4	.2															20	20	45	33
/ 19	1.1	1.4																21	21	21	32
/ 17	.4	1.1																12	12	18	30
/ 15	.1	.6																6	6	12	26
/ 13		.2																2	2	3	13
1 / 11	.1	.1																2	2	3	1
/ 9	.2	.1																3	3	3	16
/ 7	.4	.2																5	5	5	3
/ 5		.1																1	1	1	8
/ 3																					3
/ 1																					1
TOTAL	7.9	79.9	12.1	.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.	5959680	70362	84.1	7.315	837							
Dry Bulb	1001273	28117	33.6	8.239	837		40.1					93
Wet Bulb	913206	26830	32.1	7.975	837		48.6					93
Dew Point	781882	24492	29.3	8.832	837		59.9					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

1 170 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57			.1															1	1		
5 / 55			.2															2	2		
4/ 53																				1	
2/ 51			.1															1	1	2	
5 / 49			.4	.1														4	4		3
/ 47		1.6	.1															14	14	4	
4/ 45		5.1	2.5	.1														65	65	33	12
4/ 43		4.4	.7															43	43	31	24
2/ 41	.1	7.0	.6															65	65	63	49
4 / 39		5.7	1.0															56	56	58	57
/ 37	.6	4.1	1.1															48	48	56	47
/ 35	.4	7.6	1.8	.1														83	83	56	56
3 / 33	.2	8.7	2.2															93	93	84	47
2/ 31	.5	7.2	1.7															78	78	124	65
/ 29	.4	9.3	.5															85	85	104	69
/ 27	.6	6.1	.1															57	57	49	135
/ 25	.5	4.3																40	40	40	63
/ 23	.6	3.1	.2															33	33	40	58
2/ 21	.8	1.7	.4															24	24	28	34
/ 19	.8	1.7																21	21	23	31
/ 17	.4	.5																7	7	21	21
1 / 15	.1	.6																6	6	7	27
/ 13		.1																1	1	2	7
1 / 11		.2																2	2	3	7
/ 9	.4	.1																4	4	4	12
/ 7		.1																1	1	1	3
/ 5	.2																	2	2	2	7
/ 3	.1																	1	1	1	1
/ 1																					3
TOTAL	6.7	79.3	13.6	.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.	5731755	70193	83.9	7.352	837		40.2					93
Dry Bulb	1006438	28236	33.7	8.030	837		49.9					93
Wet Bulb	914669	26937	32.1	7.710	837		60.3					93
Dew Point	781011	24547	29.3	8.550	837							93

FORM 0-26-5 (OL A) AF 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible]00 — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57			.2	.1														3	3		
4/ 53																				2	
2/ 51			.1															1	1	1	
5 / 49		.4	.6															8	8		2
[illegible] / 47		2.2	1.[illegible]	.1														27	27	13	1
4 / 45		6.3	2.3	.5														76	76	43	20
4/ 43	.1	3.2	1.2															38	38	39	39
2/ 41	.1	6.9	1.4	.5														75	75	69	44
4 / 39	.1	4.7	1.6	.1														54	54	48	53
3 / 37	.1	3.7	2.9															56	56	51	49
[illegible] / 35	.2	7.1	2.9															85	85	59	38
3 / 33	.8	10.0	4.3															127	127	102	55
[illegible]2/ 31	.6	7.2	1.4															77	77	151	67
[illegible] / 29	.1	6.1	.8	.1														60	60	83	110
[illegible] / 27	.8	5.4	1.1	.2														63	63	49	125
[illegible] / 25	.5	3.2	.2	.1														34	34	42	55
2[illegible] / 23	.5	2.0	.4															24	24	32	49
2/ 21	.5	.2	.2															8	[illegible]8	25	35
[illegible] / 19	.5	.6																9	9	9	24
[illegible] / 17		.4																3	3	8	27
1[illegible] / 15	.2	.1																3	3	4	14
[illegible] / 13		.2																2	2	3	6
1 / 11	.1																	1	1	1	5
[illegible] / [illegible]	.1																	1	1	1	13
[illegible] / 7																					3
[illegible] / 5	.1																	1	1	1	2
TOTAL	5.6	70.0	22.6	1.8															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.	5693245	68585	82.0	8.929	836							
Dry Bulb	1085817	29503	35.3	7.311	836		31.8					93
Wet Bulb	975866	27942	33.4	7.088	836		45.5					93
Dew Point	819239	25285	30.2	8.078	836		59.5					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 c100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5[illegible] / 55				.1														1	1		
4 / 53				.1														1	1		
[illegible]2 / 51			.6	.1														6	6		
5 / 49		.6	1.1	.4														17	17	1	
4[illegible] / 47		2.3	1.0	.1														28	28	21	
4[illegible] / 45	.1	5.9	1.8	.2														67	67	51	27
[illegible]4 / 43	.1	3.9	2.9	.1														59	59	40	42
[illegible]2 / 41		5.4	1.4	.2														59	59	59	42
4 / 39		3.3	2.7	.2														53	53	55	49
3[illegible] / 37	.7	3.6	3.7	.1														68	68	43	48
[illegible] / 35	.5	9.4	4.2	.2														120	120	70	38
3[illegible] / 33	1.8	8.4	3.3	.1														114	114	140	68
2[illegible] / 31	.1	5.1	1.8	.1														60	60	118	68
[illegible] / 29		5.0	1.2	.1														53	53	72	106
[illegible] / 27	1.[illegible]	4.8	2.3	.7														73	73	56	108
[illegible] / 25	.2	1.7	.1															17	17	43	76
2[illegible] / 23	.2	1.9	.5															22	22	26	43
2[illegible] / 21	.7	.2	.1															9	9	25	29
[illegible] / 19		.6																5	5	6	34
[illegible] / 17	.2																	2	2	8	22
1[illegible] / 15	.2																	2	2	2	16
[illegible] / 13	.1																	1	1	1	4
1[illegible] / 11																					4
[illegible] / 9																					10
/ 7																					1
[illegible] / 5																					2
TOTAL	6.1	62.1	28.7	3.1															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.	551744	67444	80.6	9.959	837							
Dry Bulb	1128118	30166	36.0	6.996	837		27.1					93
Wet Bulb	1004552	28434	34.0	6.796	837		39.7					93
Dew Point	829989	25515	30.5	7.901	837		58.1					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 [illegible]100 STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53				.2														2	2		
2/ 51			.5															4	4		
5 / 49		.2	.5	.5														10	10		
[illegible] / 47	.1	1.3	1.2	.1														23	23	14	1
4[illegible] / 45		6.0	.7															56	56	38	18
[illegible]4/ 43		3.1	2.2	.1														45	45	44	36
2/ 41	.2	7.4	1.3															75	75	36	36
[illegible] / 39	.2	4.5	1.1															49	49	76	43
3[illegible] / 37	.5	4.7	1.0															51	51	51	60
[illegible] / 35	.4	7.4	5.3	.1														110	110	70	45
3[illegible] / 33	2.[illegible]	10.4	3.7															135	135	97	72
[illegible]2/ 31	.4	3.9	1.8															51	51	144	72
[illegible] / 29		6.5	.4															57	57	70	68
[illegible] / 27	1.2	6.1	1.3															72	72	59	123
[illegible] / 25		2.9	.4															27	27	41	81
2[illegible] / 23	.5	3.3	.5	.2														38	38	32	45
[illegible]2/ 21	.2	.7	.4															11	11	29	35
[illegible] / 19	.1	1.1																10	-10	11	32
[illegible] / 17		.4																3	3	14	20
1 / 15	.4	.2																5	5	7	19
[illegible] / 13																				1	5
1 / 11	.1	.2																3	3	3	9
1 / [illegible]																					11
[illegible] / 7																					4
/ 1																					1
- / -3																					1
TOTAL	6.3	70.4	22.0	1.3														837		837	837

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5694570	68654	82.0	8.702	837							
Dry Bulb	1664929	29225	34.9	7.296	837		30.8					93
Wet Bulb	957990	27692	33.1	7.071	837		45.7					93
Dew Point	802642	25018	29.9	8.100	837	.1	58.4					93

USAFETAC FORM AWS 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 8100 STATION | BITBURG AB OL STATION NAME | 73-81 YEARS | DEC MONTH

 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
2/ 51		.2	.4															5	5		
5 / 49		.7	.5	.4														13	13	5	
/ 47		1.2	.1	.2														13	13	12	5
/ 45		4.9	2.0															58	58	32	20
4/ 43	.7	2.7	.7	.1														36	36	39	34
2/ 41	.1	8.0	1.8															83	83	41	29
4 / 39		4.4	.7															43	43	65	45
3 / 37	1.3	4.5	2.6															71	71	62	56
/ 35	.2	8.4	2.3															91	91	58	41
3 / 33	1.3	9.4	3.2	.1														118	118	113	80
2/ 31	.2	4.9	1.4															55	55	120	70
/ 29		8.4	.2															72	72	84	73
/ 27	.4	6.1	.2															56	56	53	111
/ 25	.2	4.2	.2	.1														40	40	35	75
2 / 23	.7	3.3	.2															36	36	41	56
2/ 21	.2	1.7																16	16	30	31
/ 19	.1	1.1																10	10	17	31
/ 17		.6																5	5	11	21
1 / 15		.2																2	2	3	18
/ 13		.7																6	6	8	9
1 / 11		.6																5	5	4	8
/ 9	.2	.1																3	3	4	11
/ 7																					9
/ 5																					2
/ 3																					1
/ 1																					1
TOTAL	5.9	76.5	16.7	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.	5814991	69445	83.0	7.978	837							
Dry Bulb	1038076	28770	34.4	7.669	837		34.0					93
Wet Bulb	940681	27357	32.7	7.460	837		45.6					93
Dew Point	796061	24835	29.7	8.413	837		58.6					93

USAFETAC FORM AS 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 57			.0	.0														4	4		
5 / 55			.0	.0														3	3		
4 / 53		.1	.0	.0														14	14	5	1
2 / 51		.1	.3	.0														26	26	13	1
5 / 49		.5	.5	.2														79	79	10	14
4 / 47	.0	1.5	.6	.1														148	148	93	14
4 / 45	.0	5.6	2.0	.1	.0													517	517	297	164
4 / 43	.3	3.5	1.3	.0														347	347	319	247
2 / 41	.2	6.4	1.2	.1														528	528	424	318
4 / 39	.1	4.8	1.3	.0														418	418	440	400
3 / 37	.6	4.2	2.0	.0														457	457	432	399
3 / 35	.4	8.6	2.8	.1														793	793	506	371
3 / 33	1.1	8.8	2.6	.0														838	838	855	506
2 / 31	.4	6.3	1.6	.0														557	557	985	543
3 / 29	.2	6.7	.6	.0														499	499	652	667
2 / 27	.9	6.1	.8	.1														531	531	418	940
3 / 25	.3	3.6	.1	.1														269	269	340	521
24 / 23	.5	3.1	.2	.0														259	259	283	402
2 / 21	.5	1.6	.2															153	153	238	291
2 / 19	.5	1.1	.0															107	107	150	238
1 / 17	.1	.4																40	40	103	193
1 / 15	.1	.4																34	34	41	179
1 / 13	.1	.3																21	21	33	60
1 / 11	.1	.2																21	21	25	50
1 / 9	.2	.1																16	16	17	90
1 / 7	.1	.1																11	11	11	34
0 / 5	.0	.0																4	4	4	38
0 / 3	.0																	1	1	1	7
0 / 1																					6
0 / -3																					1
TOTAL	6.6	74.1	18.3	1.1	.0														6695		6695
																		6695		6695	

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.	46378966	554426	82.8	8.342	6695							
Dry Bulb	8372321	230977	34.5	7.765	6695		280.4					744
Wet Bulb	7568945	219431	32.8	7.505	6695		366.8					744
Dew Point	6393806	199056	29.7	8.428	6695	.1	473.4					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

10e100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93															.0			2	2		
92/ 91														.0	.0	.0		5	5		
90/ 89											.0		.0	.0	.0	.0		22	22		
88/ 87									.0	.0	.0	.0	.0	.0	.0			45	45		
86/ 85									.0	.0	.0	.0	.0	.0	.0			55	55		
84/ 83								.0	.0	.0	.0	.0	.0	.0				93	93		
82/ 81							.0	.0	.0	.1	.0	.0	.0					158	158		
80/ 79						.0	.0	.1	.1	.1	.0	.0	.0					212	212		
78/ 77					.0	.0	.1	.1	.1	.1	.0	.0	.0					422	422		
76/ 75					.0	.1	.2	.2	.1	.0	.0	.0						458	458		
74/ 73				.0	.1	.1	.3	.2	.1	.0	.0							616	616		
72/ 71		.0	.0	.0	.2	.2	.3	.2	.1	.0	.0							808	808	3	
70/ 69		.0	.0	.1	.2	.4	.2	.2	.0	.0	.0							962	962	34	1
68/ 67			.1	.1	.4	.3	.2	.1	.0	.0								981	981	147	2
66/ 65	.0	.0	.2	.4	.4	.3	.3	.1	.1	.0								1470	1470	488	1
64/ 63	.0	.4	.6	1.1	.8	.7	.3	.2	.1	.0								3294	3294	1022	171
62/ 61	.0	.5	.8	.8	.6	.4	.2	.1	.0									2703	2703	1851	417
60/ 59	.1	.9	1.3	1.1	.7	.5	.2	.1	.0	.0								3762	3762	2391	1141
58/ 57	.1	1.1	1.2	1.0	.5	.2	.1	.0	.0									3337	3338	3474	1631
56/ 55	.1	1.5	1.3	1.1	.4	.3	.1	.0	.0									3743	3743	3918	2526
54/ 53	.2	1.4	1.4	1.0	.4	.1	.1	.0	.0									3683	3683	4587	3278
52/ 51	.2	1.5	2.0	.4	.4	.1	.1	.0										3691	3692	4574	3842
50/ 49	.2	1.4	1.6	.5	.2	.1	.0	.0										3125	3125	4418	3579
48/ 47	.2	2.2	1.2	.5	.3	.1	.0											3584	3584	4773	4020
46/ 45	.3	3.6	1.9	.8	.4	.1	.0											5499	5499	4692	6777
44/ 43	.2	2.0	1.5	.7	.2	.0	.0											3619	3619	4121	4358
42/ 41	.2	3.8	1.7	.7	.2	.0	.0											5224	5224	4084	5179
40/ 39	.2	3.3	1.3	.4	.2	.0	.0											4225	4225	4398	4304
38/ 37	.5	2.7	1.4	.3	.0	.0												3967	3967	5017	4373
36/ 35	.2	3.4	1.7	.2	.0	.0												4377	4377	4372	4287
34/ 33	.5	2.8	1.4	.2	.0													3773	3773	5061	4054
32/ 31	.1	1.9	1.0	.1	.0													2458	2458	4547	3715
30/ 29	.1	2.6	.5	.1	.0													2567	2567	3111	4047
28/ 27	.4	2.1	.6	.0														2407	2407	2582	5038

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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 0100 STATION | BITBURG AB DL STATION NAME | 73-81 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 25	.2	1.1	.1	.0														1016	1016	1869	3095
/ 23	.1	.9	.1	.0														904	904	1078	2871
2/ 21	.1	.4	.0															406	406	666	1705
/ 19	.1	.3	.0															318	318	426	1301
1 / 17	.	.2	.0															152	152	364	950
1 / 15	.0	.1	.0															112	112	141	592
/ 13	.0	.1																79	79	97	314
1 / 11	.	.1																73	73	83	297
/ 9	.	.1																69	69	67	309
/ 7	.0	.0																30	31	39	108
/ 5	.0	.0																13	13	18	137
/ 3	.	.0																4	4	7	47
/ 1	.1																	1	1	4	23
/ -1																					17
- / -3																					5
- / -5																					5
- / -7																					4
- / -9																					3
TOTAL	4.3	42.3	25.1	11.6	6.7	4.2	2.7	1.6	.8	.4	.2	.1	.1	.1	.0	.0		78524	78527	78524	78524

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.	463727694	5916724	75.3	15.101	78524							
Dry Bulb	184687970	3669902	46.7	12.954	78527		1177.1	546.5	236.0	57.7	.2	8760
Wet Bulb	154155109	3370667	42.9	10.981	78524		1675.3	20.7				8760
Dew Point	127452745	3037437	38.7	11.262	78524	3.8	2728.8	.3				8760

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 JO — STATION
BITBURG AB DL — STATION NAME
73-81 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	32.7	33.2	38.5	41.5	48.7	55.3	58.0	58.2	53.2	45.2	38.6	34.3	44.7
	S D	7.535	6.371	7.005	6.384	5.905	6.243	5.443	4.915	5.429	6.359	7.144	8.121	11.271
	TOTAL OBS	833	762	837	810	836	810	834	748	810	837	809	837	9763
3-05	MEAN	32.0	32.1	37.0	39.4	46.3	52.7	55.4	55.7	51.1	43.9	37.8	33.7	43.1
	S D	7.838	6.736	7.177	6.108	5.743	5.920	4.913	4.908	5.466	6.498	7.205	8.056	10.732
	TOTAL OBS	837	762	837	810	837	810	837	794	810	836	809	837	9816
6-08	MEAN	31.8	31.6	36.2	38.3	46.1	52.6	55.2	54.8	49.9	43.3	37.4	33.6	42.6
	S D	7.950	6.770	7.401	5.917	5.941	5.854	4.723	5.078	5.393	6.466	7.381	8.239	10.749
	TOTAL OBS	837	762	837	810	837	810	837	837	810	837	810	837	9861
9-11	MEAN	32.0	32.2	37.8	42.7	51.7	58.4	60.2	60.2	53.8	44.9	37.7	33.7	45.5
	S D	7.858	6.618	7.053	6.866	6.908	6.988	6.338	5.764	5.759	6.664	7.345	8.030	12.578
	TOTAL OBS	837	761	837	810	837	810	837	837	810	837	810	837	9860
12-14	MEAN	33.7	35.6	42.3	47.8	56.8	63.2	65.3	66.1	59.9	49.3	40.2	35.3	49.7
	S D	7.322	6.346	6.934	8.335	7.950	8.132	7.805	7.040	6.775	7.096	6.739	7.311	13.858
	TOTAL OBS	837	762	837	810	836	810	836	818	810	837	810	836	9839
15-17	MEAN	35.0	37.9	44.9	50.1	59.0	65.2	67.5	68.5	62.4	51.4	41.6	36.0	51.6
	S D	6.797	6.644	7.237	8.875	8.372	8.728	8.535	7.416	7.320	7.485	6.551	6.996	14.270
	TOTAL OBS	836	762	837	810	837	810	837	807	810	836	810	837	9829
18-20	MEAN	33.8	36.2	43.3	48.5	57.7	63.9	66.4	67.0	59.9	48.9	40.0	34.9	50.0
	S D	6.974	6.250	7.074	8.501	8.067	8.482	8.254	7.226	7.039	7.073	6.658	7.296	14.107
	TOTAL OBS	837	762	837	810	837	810	837	767	810	837	809	837	9790
21-23	MEAN	33.0	34.2	40.1	44.3	52.4	58.8	61.6	61.4	55.4	46.1	38.8	34.4	46.6
	S D	7.327	6.127	6.750	7.186	6.737	7.050	6.685	5.807	5.861	6.495	7.019	7.669	12.372
	TOTAL OBS	836	762	837	810	837	810	835	748	810	837	810	837	9769
ALL HOURS	MEAN	33.0	34.1	40.0	44.1	52.3	58.8	61.2	61.5	55.7	46.6	39.0	34.5	46.7
	S D	7.531	6.817	7.672	8.407	8.483	8.624	8.122	7.833	7.497	7.293	7.139	7.765	12.954
	TOTAL OBS	6690	6095	6696	6480	6694	6480	6690	6356	6480	6694	6477	6695	78527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

130 BITBURG 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
	MEAN	31.0	31.3	35.7	37.8	44.9	51.4	53.8	54.4	50.5	43.2	36.9	32.7	41.9
[illegible]-03	S D	7.252	6.220	6.817	5.765	5.548	5.275	4.434	4.563	5.117	6.198	7.038	7.847	10.433
	TOTAL OBS	833	762	837	810	836	810	834	748	810	837	809	837	9763
	MEAN	30.5	30.4	34.6	36.3	43.2	49.8	52.3	52.8	49.0	42.1	36.2	32.1	40.8
-05	S D	7.564	6.565	6.952	5.728	5.512	5.286	4.424	4.752	5.199	6.337	7.103	7.813	10.236
	TOTAL OBS	836	762	837	810	837	810	837	794	810	836	809	837	9815
	MEAN	30.3	29.9	33.9	35.6	43.2	49.8	52.3	52.4	48.1	41.6	35.9	32.1	40.5
-08	S D	7.689	6.581	7.145	5.581	5.735	5.189	4.375	4.986	5.203	6.368	7.259	7.975	10.322
	TOTAL OBS	837	762	837	810	837	810	837	837	810	837	810	837	9861
	MEAN	30.4	30.4	35.2	38.8	47.0	53.3	55.3	55.7	51.0	43.0	36.1	32.1	42.4
-11	S D	7.606	6.424	6.825	5.858	5.930	5.249	4.775	4.533	5.106	6.439	7.191	7.710	11.234
	TOTAL OBS	837	761	837	810	837	810	837	836	810	837	810	837	9859
	MEAN	31.8	33.0	38.2	41.6	49.4	55.1	57.3	58.0	54.3	45.9	38.0	33.4	44.7
1 -14	S D	7.021	6.028	6.514	6.364	6.062	5.453	4.919	4.640	5.257	6.320	6.633	7.088	11.289
	TOTAL OBS	837	762	837	810	836	810	836	818	810	836	810	836	9838
	MEAN	32.8	34.4	39.5	42.5	50.2	55.8	58.0	58.7	55.1	47.0	38.8	34.0	45.6
-17	S D	6.487	5.973	6.487	6.301	6.012	5.340	4.918	4.545	5.254	6.457	6.473	6.796	11.119
	TOTAL OBS	836	762	837	810	837	810	837	807	810	836	810	837	9829
	MEAN	31.9	33.3	38.6	41.6	49.5	55.3	57.6	58.0	53.9	45.5	37.8	33.1	44.6
-2[illegible]	S D	6.708	5.857	6.505	6.180	5.895	5.312	4.727	4.515	5.355	6.465	6.660	7.071	11.225
	TOTAL OBS	837	762	837	810	837	810	837	767	810	837	809	837	9790
	MEAN	31.2	31.9	36.7	39.3	46.9	53.1	55.6	55.6	51.6	43.8	37.0	32.7	42.9
1-23	S D	7.001	5.947	6.595	5.949	5.641	5.140	4.574	4.466	5.151	6.295	7.005	7.460	10.781
	TOTAL OBS	836	762	837	810	837	810	835	748	810	837	810	837	9769
	MEAN	31.2	31.8	36.6	39.2	46.8	53.0	55.3	55.7	51.7	44.0	37.1	32.8	42.9
ALL HOURS	S D	7.220	6.379	6.996	6.429	6.353	5.740	5.124	5.154	5.726	6.605	6.989	7.505	10.981
	TOTAL OBS	6689	6095	6696	6480	6694	6480	6690	6355	6480	6693	6477	6695	78524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10 BITBURG AB DL 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	27.9	27.7	31.3	32.5	40.7	48.0	50.4	51.1	48.1	41.0	34.4	29.8	38.5
	S D	8.249	7.488	8.205	7.045	6.879	5.896	5.260	5.625	5.637	6.837	7.980	8.729	11.154
	TOTAL OBS	833	762	837	810	836	810	834	748	810	837	809	837	9763
03-05	MEAN	27.5	26.9	30.5	31.7	39.7	47.1	49.7	50.4	47.0	40.1	33.8	29.2	37.8
	S D	8.674	7.649	8.174	6.843	6.615	5.698	5.179	5.505	5.624	6.926	7.996	8.711	11.096
	TOTAL OBS	836	762	837	810	837	810	837	794	810	836	809	837	9815
06-08	MEAN	27.2	26.5	30.2	31.6	39.9	47.3	49.8	50.2	46.3	39.7	33.5	29.3	37.7
	S D	8.851	7.609	8.208	6.550	6.782	5.554	5.094	5.604	5.551	6.998	8.120	8.832	11.174
	TOTAL OBS	837	762	837	810	837	810	837	837	810	837	810	837	9861
09-11	MEAN	27.3	26.9	31.2	33.6	42.1	48.9	51.5	52.1	48.5	40.8	33.8	29.3	38.9
	S D	8.761	7.493	8.013	6.611	7.014	5.718	5.293	5.129	5.360	7.060	7.973	8.550	11.592
	TOTAL OBS	837	761	837	810	837	810	837	836	810	837	810	837	9859
12-14	MEAN	28.3	28.5	32.3	33.8	42.0	48.5	51.3	51.8	49.7	42.4	34.9	30.2	39.5
	S D	8.187	7.287	8.404	7.277	7.317	6.294	5.472	5.663	5.801	7.047	7.709	8.078	11.294
	TOTAL OBS	837	762	837	810	836	810	836	818	810	836	810	836	9838
15-17	MEAN	28.8	28.8	32.2	33.1	41.6	48.2	50.9	51.2	49.0	42.5	35.1	30.5	39.4
	S D	7.770	7.431	8.894	7.515	7.350	6.118	5.546	5.931	5.972	7.295	7.837	7.901	11.137
	TOTAL OBS	836	762	837	810	837	810	837	807	810	836	810	837	9829
18-20	MEAN	28.3	28.3	32.1	32.9	41.4	48.3	50.9	51.0	48.9	41.9	34.6	29.9	39.0
	S D	7.883	7.340	8.836	7.542	7.613	6.217	5.435	5.994	6.018	7.269	7.828	8.100	11.262
	TOTAL OBS	837	762	837	810	837	810	837	767	810	837	809	837	9790
21-23	MEAN	28.0	27.8	31.6	32.7	41.0	48.2	50.8	51.0	48.3	41.1	34.2	29.7	38.6
	S D	7.979	7.319	8.450	7.372	7.275	5.957	5.381	5.831	5.707	7.057	8.066	8.413	11.245
	TOTAL OBS	836	762	837	810	837	810	835	748	810	837	810	837	9769
ALL HOURS	MEAN	27.9	27.7	31.4	32.7	41.1	48.1	50.7	51.1	48.2	41.2	34.3	29.7	38.7
	S D	8.316	7.489	8.430	7.140	7.159	5.959	5.366	5.691	5.804	7.125	7.953	8.428	11.262
	TOTAL OBS	6689	6095	6696	6480	6694	6480	6690	6355	6480	6693	6477	6695	78524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

0100 STATION | BITBURG AB DL STATION NAME | 73-81 PERIOD | JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	99.4	89.0	64.0	22.9	82.8	833
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	91.4	65.9	23.4	83.3	836
	06-08	100.0	100.0	100.0	100.0	99.9	99.3	90.3	66.1	23.4	83.2	837
	09-11	100.0	100.0	100.0	100.0	100.0	98.6	89.5	67.5	24.1	83.2	837
	12-14	100.0	100.0	100.0	100.0	99.6	96.9	81.6	56.5	21.6	81.1	837
	15-17	100.0	100.0	100.0	100.0	99.0	94.6	72.6	48.2	17.1	78.6	836
	18-20	100.0	100.0	100.0	100.0	99.8	96.9	82.7	53.0	18.3	80.5	837
	21-23	100.0	100.0	100.0	100.0	100.0	98.7	89.6	58.1	21.3	82.2	836
TOTALS		100.0	100.0	100.0	100.0	99.8	98.0	85.8	59.9	21.5	81.9	6689

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

[illegible]10 BITBURG AB GL (STATION / STATION NAME) 73-81 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.7	99.3	97.2	84.7	57.2	17.2	80.6	762
	03-05	100.0	100.0	100.0	99.9	99.6	97.9	88.2	58.1	17.3	81.3	762
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	87.8	61.4	16.9	81.5	762
	09-11	100.0	100.0	100.0	100.0	99.7	97.8	85.5	59.0	16.7	81.0	761
	12-14	100.0	100.0	100.0	99.6	96.6	89.4	65.9	43.7	11.7	76.2	762
	15-17	100.0	100.0	99.3	97.2	91.5	77.6	51.0	29.7	7.7	71.1	762
	18-20	100.0	100.0	99.9	98.4	94.6	84.5	60.2	35.3	10.0	73.9	762
	21-23	100.0	100.0	100.0	99.9	98.2	93.3	74.3	45.8	13.1	77.9	762
TOTALS		100.0	100.0	99.9	99.3	97.4	92.0	74.6	43.8	13.8	77.9	6095

USAFETAC FORM JUL 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

100 STATION | BITBURG AB DL STATION NAME | 73-81 PERIOD | MAR MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.6	98.6	94.0	68.2	34.2	4.8	75.9	837
	03-05	100.0	100.0	100.0	99.6	99.0	95.8	75.9	43.0	6.6	77.6	837
	06-08	100.0	100.0	100.0	100.0	99.3	98.0	81.0	50.5	7.0	79.0	837
	09-11	100.0	100.0	100.0	99.8	98.8	95.2	75.4	41.9	6.0	77.5	837
	12-14	100.0	100.0	99.5	97.0	90.7	75.5	46.8	16.6	2.2	68.7	837
	15-17	100.0	99.9	97.7	93.1	79.0	57.9	29.6	11.6	1.6	62.8	837
	18-20	100.0	99.9	98.1	94.5	85.7	66.9	38.4	16.0	1.7	66.1	837
	21-23	100.0	100.0	99.9	98.4	94.7	86.3	57.9	24.3	3.8	72.3	837
TOTALS		100.0	100.0	99.4	97.8	93.2	83.7	59.2	30.0	4.2	72.5	6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

1 130 BITBURG AB DL 73-81 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	98.8	91.6	76.8	50.9	27.5	8.0	71.3	810
	03-05	100.0	100.0	100.0	99.9	96.5	86.7	60.5	33.8	11.6	74.8	810
	06-08	100.0	100.0	100.0	100.0	98.8	91.0	69.3	42.0	13.7	77.2	810
	09-11	100.0	100.0	100.0	99.4	92.2	75.3	51.7	26.8	7.9	71.2	810
	12-14	100.0	100.0	98.9	88.0	68.9	47.2	27.5	12.3	3.5	60.5	810
	15-17	100.0	99.9	94.7	73.5	53.0	35.8	21.2	9.6	2.6	54.9	810
	18-20	100.0	99.9	96.2	77.7	58.6	43.8	26.5	12.1	3.6	57.7	810
	21-23	100.0	100.0	99.6	93.5	79.1	60.1	39.3	22.2	6.4	65.6	810
TOTALS		100.0	100.0	98.7	91.4	79.8	64.6	43.4	23.3	7.2	66.7	6480

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

AD-A118 507 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BITBURG AIR BASE, WEST GERMANY. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/039 SBI-AD-E850 198 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14100 BITBURG AB DL — STATION / STATION NAME
73-81 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.8	97.0	81.8	62.6	37.7	11.2	74.6	836
	03-05	100.0	100.0	100.0	100.0	99.2	92.6	74.9	48.6	15.7	78.6	837
	06-08	100.0	100.0	100.0	100.0	99.2	93.5	77.8	51.4	17.4	79.5	837
	09-11	100.0	100.0	100.0	99.2	92.0	75.3	53.8	28.8	6.7	71.0	837
	12-14	100.0	100.0	99.6	90.7	68.2	41.5	28.2	11.5	1.8	59.7	836
	15-17	100.0	100.0	97.4	80.8	54.1	30.7	21.7	7.3	1.3	54.7	837
	18-20	100.0	100.0	97.3	82.7	56.4	36.7	26.5	11.9	2.6	57.0	837
	21-23	100.0	100.0	100.0	97.0	82.6	59.4	44.6	24.3	6.9	67.0	837
TOTALS		100.0	100.0	99.3	93.8	81.1	63.9	48.8	27.7	8.0	67.8	6694

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

7 6100	BITBURG AB DL	73-81	JUN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.8	96.9	88.8	73.1	42.7	14.4	77.2	810
	03-05	100.0	100.0	100.0	100.0	99.4	95.8	87.2	58.9	21.0	81.9	810
	06-08	100.0	100.0	100.0	100.0	99.8	96.8	89.8	61.4	23.2	82.6	810
	09-11	100.0	100.0	99.6	97.9	93.2	79.3	60.4	28.5	8.8	72.3	810
	12-14	100.0	99.9	97.4	89.9	75.9	48.5	29.1	12.1	2.3	61.0	810
	15-17	100.0	99.6	95.7	83.6	61.9	37.5	23.0	8.9	1.2	56.7	810
	18-20	100.0	99.6	96.0	87.5	67.0	44.6	28.1	12.5	3.1	59.4	810
	21-23	100.0	100.0	99.1	96.4	89.6	71.2	52.0	26.8	8.3	69.7	810
TOTALS		100.0	99.9	98.5	94.4	85.5	70.3	55.3	31.5	10.3	70.1	6480

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

10100 BITBURG AB DL 73-81 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.5	97.7	95.7	89.7	77.2	43.4	11.4	76.9	834
	03-05	100.0	100.0	99.9	99.2	97.3	94.9	89.6	57.3	17.7	81.7	837
	06-08	100.0	100.0	100.0	99.3	98.4	95.8	90.9	64.9	20.3	82.8	837
	09-11	100.0	100.0	99.4	98.1	95.3	85.3	66.2	33.1	7.5	74.0	837
	12-14	100.0	99.5	97.4	93.8	79.2	53.9	30.1	12.1	3.1	62.4	836
	15-17	100.0	98.8	95.7	87.6	66.1	41.0	22.9	10.4	2.4	57.9	337
	18-20	100.0	98.4	96.5	90.2	71.3	45.0	28.7	13.3	2.7	60.0	837
	21-23	100.0	99.9	97.8	96.3	90.5	74.0	51.4	23.0	6.1	69.5	835
TOTALS		100.0	99.6	98.3	95.3	86.7	72.5	57.1	31.8	8.9	70.7	6690

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

1 6100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.3	97.2	89.8	78.5	44.0	15.0	78.0	748
	03-05	100.0	100.0	100.0	100.0	99.1	95.5	88.7	63.0	21.7	82.7	794
	06-08	100.0	100.0	100.0	100.0	99.9	97.5	92.5	70.3	27.1	84.6	837
	09-11	100.0	100.0	99.9	99.2	95.6	87.3	71.8	36.2	11.2	75.8	836
	12-14	100.0	99.9	98.5	92.1	78.2	51.8	30.0	11.4	2.6	61.9	818
	15-17	100.0	99.6	95.8	83.0	62.1	37.4	19.0	7.2	.7	56.2	807
	18-20	100.0	100.0	96.6	85.0	67.3	46.3	26.9	12.0	1.7	59.0	767
	21-23	100.0	100.0	99.7	95.5	88.4	74.9	57.8	26.2	7.5	70.4	748
TOTALS		100.0	99.9	98.8	94.3	86.0	72.6	58.2	33.8	10.9	71.1	6355

USAPETAC FORM AUG 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

27100 (STATION) BITBURG AB DL (STATION NAME) 73-81 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.4	93.5	59.8	23.7	83.2	810
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	97.7	72.7	33.7	85.9	310
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	99.0	79.0	38.5	87.3	810
	09-11	100.0	100.0	100.0	100.0	99.9	97.7	91.2	58.6	22.3	82.8	810
	12-14	100.0	100.0	100.0	99.0	92.6	73.6	53.1	23.6	5.4	70.2	810
	15-17	100.0	100.0	99.8	94.0	81.4	54.8	33.1	13.0	2.1	63.3	810
	18-20	100.0	100.0	100.0	97.2	89.1	71.1	48.6	20.7	4.2	68.4	810
	21-23	100.0	100.0	100.0	100.0	98.8	92.6	79.4	39.0	13.3	77.8	810
TOTALS		100.0	100.0	100.0	98.8	95.2	85.9	74.5	45.8	17.9	77.4	6480

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

1 6100 (STATION) BITBURG AB GL (STATION NAME) 73-81 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.6	98.9	93.7	74.3	31.1	85.3	837
	03-05	100.0	100.0	100.0	100.0	99.8	99.5	94.9	77.8	35.2	86.4	836
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	95.2	81.4	41.1	87.3	837
	09-11	100.0	100.0	100.0	100.0	99.5	98.0	93.3	75.6	34.8	85.7	837
	12-14	100.0	100.0	100.0	99.4	97.8	92.1	75.5	45.6	17.7	78.1	836
	15-17	100.0	100.0	100.0	99.0	95.0	81.6	57.9	30.5	9.0	72.7	836
	18-20	100.0	100.0	100.0	99.8	98.3	91.8	77.1	43.0	12.7	77.6	837
	21-23	100.0	100.0	100.0	99.9	99.6	96.9	90.0	62.5	21.3	82.7	837
TOTALS		100.0	100.0	100.0	99.8	98.7	94.7	84.7	61.3	25.4	82.0	6693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2100 BITBURG AB DL 73-81 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.5	93.2	75.0	27.7	84.9	809
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.2	77.8	31.1	85.6	809
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	95.4	78.6	33.5	85.9	810
	09-11	100.0	100.0	100.0	100.0	100.0	99.9	95.2	76.3	32.3	85.7	810
	12-14	100.0	100.0	100.0	100.0	99.8	95.9	82.3	60.0	22.8	81.6	810
	15-17	100.0	100.0	100.0	100.0	98.8	89.9	74.7	46.9	16.0	78.3	810
	18-20	100.0	100.0	100.0	100.0	99.8	96.7	83.4	59.1	19.3	81.4	809
	21-23	100.0	100.0	100.0	100.0	100.0	98.8	90.6	68.6	24.6	83.8	810
TOTALS		100.0	100.0	100.0	100.0	99.8	97.5	88.8	67.8	25.9	83.4	6477

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 c100	BITBURG AB DL	73-81	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.9	99.6	99.5	92.5	71.6	20.8	83.6	837
	03-05	100.0	100.0	100.0	100.0	99.9	99.4	92.8	66.3	19.2	83.3	837
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	94.5	71.8	23.4	84.1	837
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	93.5	72.8	21.3	83.9	837
	12-14	100.0	100.0	100.0	100.0	99.6	98.2	87.6	63.6	17.6	82.0	836
	15-17	100.0	100.0	100.0	99.8	99.2	96.1	83.2	58.1	15.5	80.6	837
	18-20	100.0	100.0	100.0	99.8	99.8	99.0	89.0	61.6	17.9	82.0	837
	21-23	100.0	100.0	100.0	100.0	99.9	99.5	91.9	65.0	18.5	83.0	837
TOTALS		100.0	100.0	100.0	99.9	99.8	98.9	90.6	66.4	19.3	82.8	6695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]1G	GETTYSBURG AB OL	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	98.0	85.8	59.9	21.5	81.9	6689
FEB		100.0	100.0	99.9	99.3	97.4	92.0	74.6	48.8	13.8	77.9	6095
MAR		100.0	100.0	99.4	97.8	93.2	83.7	59.2	30.0	4.2	72.5	6696
APR		100.0	100.0	98.7	91.4	79.8	64.6	43.4	23.3	7.2	66.7	6480
MAY		100.0	100.0	99.3	93.8	81.1	63.9	48.8	27.7	8.0	67.8	6694
JUN		100.0	99.9	98.5	94.4	85.5	70.3	55.3	31.5	10.3	70.1	6480
JUL		100.0	99.6	98.3	95.3	86.7	72.5	57.1	31.8	8.9	70.7	6690
AUG		100.0	99.9	98.8	94.3	86.0	72.6	58.2	33.8	10.9	71.1	6355
SEP		100.0	100.0	100.0	98.8	95.2	85.9	74.5	45.8	17.9	77.4	6480
OCT		100.0	100.0	100.0	99.8	98.7	94.7	84.7	61.3	25.4	82.0	6693
NOV		100.0	100.0	100.0	100.0	99.8	97.5	88.8	67.8	25.9	83.4	6477
DEC		100.0	100.0	100.0	99.9	99.8	98.9	90.6	66.4	19.3	82.8	6695
TOTALS		100.0	100.0	99.4	97.1	91.9	82.9	68.4	44.0	14.4	75.4	78524

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

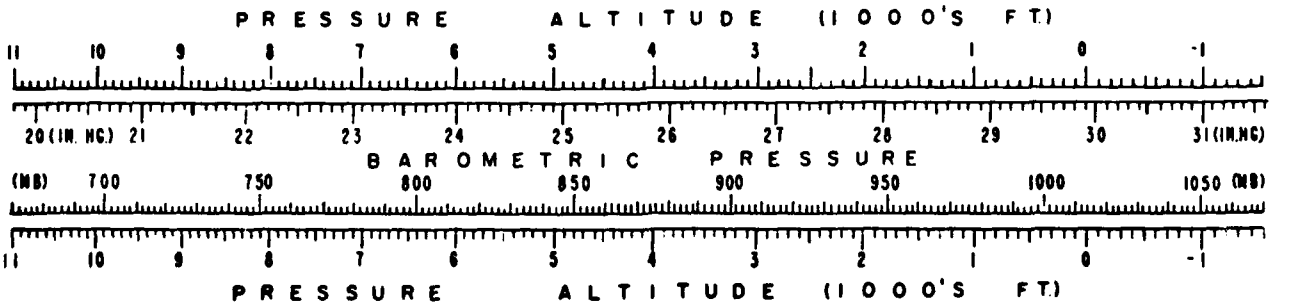
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

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

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

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



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

1 G ELTBURG AB DL 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	28.693	28.650	28.621	28.660	28.668	28.729	28.726	28.749	28.758	28.681	28.740	28.630	28.692
	S D	.330	.343	.270	.199	.188	.162	.148	.138	.195	.268	.290	.380	.259
	TOTAL OBS	278	254	279	270	279	270	278	250	270	279	270	279	3256
	MEAN	28.686	28.645	28.617	28.652	28.661	28.721	28.717	28.741	28.749	28.672	28.736	28.620	28.684
	S D	.325	.345	.271	.201	.191	.165	.147	.140	.197	.270	.286	.385	.260
	TOTAL OBS	279	254	279	270	279	270	279	248	270	278	269	279	3254
	MEAN	28.680	28.635	28.604	28.642	28.655	28.718	28.709	28.741	28.738	28.659	28.727	28.614	28.677
	S D	.322	.346	.272	.203	.194	.166	.149	.145	.198	.273	.288	.385	.260
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	28.686	28.646	28.617	28.658	28.670	28.731	28.721	28.753	28.752	28.670	28.735	28.619	28.688
	S D	.320	.348	.272	.206	.197	.167	.152	.145	.200	.277	.288	.386	.262
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
1	MEAN	28.706	28.661	28.627	28.663	28.673	28.734	28.725	28.760	28.763	28.683	28.752	28.639	28.699
	S D	.323	.349	.270	.206	.195	.165	.151	.143	.201	.278	.288	.385	.261
	TOTAL OBS	279	254	279	270	278	270	278	279	270	279	270	279	3285
	MEAN	28.682	28.645	28.609	28.645	28.662	28.722	28.713	28.747	28.747	28.667	28.728	28.616	28.682
	S D	.322	.343	.264	.203	.189	.161	.150	.142	.197	.272	.287	.379	.258
	TOTAL OBS	278	254	279	270	279	270	279	269	270	279	270	279	3276
	MEAN	28.681	28.639	28.594	28.631	28.648	28.709	28.700	28.735	28.735	28.663	28.724	28.619	28.673
	S D	.326	.339	.260	.200	.183	.159	.149	.140	.194	.266	.287	.378	.256
	TOTAL OBS	279	254	279	270	279	270	279	269	270	279	270	279	3277
1	MEAN	28.689	28.654	28.609	28.648	28.657	28.715	28.705	28.736	28.751	28.681	28.732	28.630	28.683
	S D	.328	.341	.261	.199	.182	.160	.147	.136	.193	.266	.295	.378	.257
	TOTAL OBS	278	254	279	270	279	270	279	249	270	279	270	279	3256
ALL HOURS	MEAN	28.688	28.647	28.612	28.650	28.662	28.722	28.715	28.745	28.749	28.672	28.734	28.623	28.685
	S D	.324	.344	.267	.202	.190	.163	.149	.141	.197	.271	.289	.382	.259
	TOTAL OBS	2229	2032	2232	2160	2231	2160	2230	2122	2160	2231	2159	2232	26178

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