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USAFETAC/DS-80/035

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BAD TOLZ GERMANY AAF WBAN # 34197
N 47 46 E 011 36 ELEV 2360 FT EDOV WMO # 10971

PARTS A-F
POR FROM HOURLY OBS SEP 64-DEC 70
POR FROM DAILY OBS SEP 64-FEB 65, JUN 66-DEC 70

JAN 26 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Bad Tolz AAF, Bad Tolz, Germany

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

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

*Germany *Bad Tolz AAF, DL

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

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE
EXTREME MAX & MIN TEMP DATA NOT AVAILABLE
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY	APRIL	JULY 00-02	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER 00-02, 21-23
MARCH 00-02,	JUNE	SEPTEMBER	DECEMBER 00-02, 21-23

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
34197	BAD TOLZ GERMANY AAF	N 47 46	E 011 36	2360	EDOV	10971

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			STATION (FT)	HGT ~~MSL~~ BAROMETER	
1	Bad Tolz Germany	AAF	Sep 64	Feb 66	N 47 46	E 011 36	2360	2355	9 to 14
2	No change	AAF	Mar 66	Jun 66	No chge	No chge	No chge	2351	14
3	No change	AAF	Jul 66	Feb 68	No chge	No chge	No chge	2354	17
4	No change	AAF	Mar 68	Dec 70	No chge	No chge	No chge	2353	13 to 17

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 64 to Feb 65	Located on top of operations bldg.	AN/GMQ-11	None	46 ft	
2	Mar 65 to Feb 66	No change	No chge	None	76 ft	
3	Mar 66 to Feb 68	Located on top of control tower.	No chge	None	79 ft	
4	Mar 68 to Dec 70	No change	No chge	None	50 ft	

CONTINUED ON REVERSE SIDE

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PART A WEATHER CONDITIONS

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

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

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

Occurrences of 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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.

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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | -- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	5.4		19.3		23.6	15.3	9.9	.1		21.[illegible]	2547
FEB			9.6	.1	14.3		23.3	14.9	8.8	.6		22.[illegible]	2491
MAR			6.5		18.3		23.8	19.2	11.6	.3		29.	2974
APR		.1	15.6		8.3		23.3	16.3	12.9			24.[illegible]	2945
MAY		1.2	22.7		1.1		23.4	12.4	8.2			18.[illegible]	2816
JUN		8.0	24.7			.0	24.7	21.2	20.6			26.[illegible]	2627
JUL		3.0	12.2				12.2	8.6	5.0			12.[illegible]	2514
AUG		1.9	16.9			.0	16.8	26.1	14.0			31.[illegible]	2712
SEP		.4	10.7				10.7	27.8	19.1			36.[illegible]	2731
OCT		.1	8.3		1.2		9.1	15.4	6.6			19.[illegible]	2935
NOV			10.3	.2	9.5		19.2	30.4	9.6			34.[illegible]	3144
DEC			7.9	.2	20.8		28.0	26.6	9.3			32.9	2875
TOTALS		1.2	12.6	.0	7.7	.0	19.8	19.5	11.3	.1		25.7	33247

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 — STATION
BAD TOLZ GERMANY AAF — STATION NAME
65-70 — YEARS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02												
	03-05		6.6		27.4		32.7	22.6	12.4	.4		2[illegible].	2[illegible]
	06-08		6.[illegible]		28.2		32.4	24.8	11.2	.2		31.[illegible]	447
	09-11		5.6		27.5		31.8	20.9	9.3			26.	5[illegible]6
	12-14		5.4		22.6		26.2	14.6	16.0			25.	5[illegible]
	15-17		7.9		22.2		29.3	13.2	17.9	.2		27.[illegible]	4[illegible]2
	18-20	.3	11.5		26.3		36.3	26.3	12.6			33.[illegible]	35[illegible]
	21-23												[illegible]
TOTALS		.0	5.4		19.3		23.6	15.3	9.9	.1		21.[illegible]	2547

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 BAD TOLZ GERMANY AAF 65-70

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	00-02		16.7				16.7						[illegible]
	03-05		10.7	.4	2[illegible].6		30.9	16.5	5.3	.4		2[illegible].2	243
	06-08		9.8		2[illegible].5		28.3	16.3	7.0	.7		2[illegible].7	43
	09-11		11.4		18.7		29.2	17.0	10.1	1.3		24.[illegible]	4[illegible]5
	12-14		9.5		18.2		27.3	12.1	10.2	.6		19.[illegible]	442
	15-17		8.9		16.5		24.9	10.6	10.8	.7		20.4[illegible]	401
	18-20		10.1		20.1		28.8	12.8	10.3	1.1		23.2	35
	21-23							33.3	16.7			50.[illegible]	[illegible]
TOTALS			9.8	.1	14.3		23.3	14.9	8.8	.6		22.3	2431

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 BAD TOLZ GERMANY AAF 65-70

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02												
	03-05		8.7		24.6		33.0	30.8	9.1	.7		37.3	[illegible]
	06-08		8.1		22.6		28.9	29.2	10.8	.2		36.7	[illegible]
	09-11		8.2		22.0		28.5	22.0	[illegible]8.5	.2		31.	[illegible]
	12-14		7.7		20.1		26.1	17.9	14.5			30.3	[illegible]
	15-17		6.5		19.5		24.6	15.8	16.8	.2		32.3	[illegible]
	18-20		6.0		20.0		24.9	18.9	17.8	.6		35.7	445
	21-23												[illegible]
TOTALS			6.5		18.3		23.8	19.2	11.6	.3		29.[illegible]	2974

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WEATHER CONDITIONS

34197 — STATION
BAD TOLZ GERMANY AAF — STATION NAME
65-70 — YEARS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		15.3				15.3	23.7	19.6			3[illegible]	[illegible]
	03-05		15.2		16.[illegible]		30.8	18.4	4.8			21.[illegible]	[illegible]
	06-08		17.1		13.[illegible]		28.7	22.0	12.5			29.4	[illegible]
	09-11		13.2		11.2		24.0	16.6	14.3			26.3	527
	12-14	.4	13.4		8.4		20.7	9.3	14.0			21.[illegible]	527
	15-17	.2	13.1		8.6		21.0	10.1	14.8			21.[illegible]	534
	18-20	.4	17.7		9.3		26.4	13.4	12.2			21.6	4[illegible]
	21-23		19.8				19.8	17.0	12.3			21.7	1[illegible]
TOTALS		.1	15.6		8.3		23.3	16.3	12.9			24.2	3[illegible]43

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USAF ETAC
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WEATHER CONDITIONS

34197 — STATION
BAD TOLZ GERMANY AAF — STATION NAME
65-70 — 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
MAY	00-02		17.9				17.9	10.3	15.4			23.1	[illegible]
	03-05	.5	17.1		.5		17.6	18.6	7.0			21.[illegible]	[illegible]
	06-08	.4	20.7		2.2		22.2	17.9	7.8			21.4	5[illegible]
	09-11	.2	22.5		1.3		22.9	12.7	6.3			17.3	5[illegible]
	12-14	1.9	24.7		1.9		26.2	10.6	5.1			15.2	5[illegible]
	15-17	2.3	26.7		1.5		28.0	9.0	3.5			11.1	[illegible]
	18-20	4.1	24.9		1.0		26.0	10.2	5.1			14.2	3[illegible]
	21-23		26.7				26.7	10.0	15.0			25.[illegible]	[illegible]
TOTALS		1.2	22.7		1.1		23.4	12.4	8.2			18.6	7[illegible]13

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WEATHER CONDITIONS

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		33.3				33.3	66.7	66.7			66.7	
	03-05		23.3				23.3	23.8	12.6			26.7	2
	06-08		22.4				22.4	16.7	9.2			20.7	[illegible]
	09-11	.4	17.4				17.4	8.8	8.2			15.3	[illegible]
	12-14	2.9	19.7			.2	19.7	5.9	5.9			10.9	[illegible]
	15-17	4.7	20.3				20.3	5.5	5.1			10.1	[illegible]
	18-20	10.1	24.9				24.9	5.9	2.4			8.[illegible]	33
	21-23	45.5	36.4				36.4	36.4	54.5			54.5	11
TOTALS		8.0	24.7			.0	24.7	21.2	20.6			26.6	2627

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 — STATION
BAD TOLZ GERMANY AAF — STATION NAME
65-70 — 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												
	03-05	2.3	13.6				13.6	26.7	9.5			31.7	[illegible]
	06-08	.8	16.6				16.6	14.5	8.1			2[illegible].4	[illegible]
	09-11	.4	13.1				13.1	8.1	8.1			14.1	[illegible]
	12-14	1.2	10.3				10.3	4.8	4.3			8.7	[illegible]
	15-17	6.6	17.1				17.1	3.1	2.0			[illegible]	[illegible]
	18-20	10.0	15.0				15.0	2.7	2.9			5.3	[illegible]
	21-23												[illegible]
TOTALS		3.0	12.2				12.2	8.6	5.0			12.2	2514

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WEATHER CONDITIONS

34197 BAD TOLZ GERMANY AAF 65-70

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
AUG	00-02							100.0	50.0			100.0	4
	03-05		20.2				20.2	26.3	9.9			33.3	643
	06-08	.4	19.1				19.1	24.3	11.8			30.1	544
	09-11		19.1				19.1	15.2	12.9			24.7	526
	12-14	1.5	21.2				21.2	9.1	11.2			18.1	511
	15-17	3.3	17.9				17.9	7.3	8.6			14.3	491
	18-20	3.2	16.8			.3	17.1	6.4	7.2			12.7	375
	21-23	6.7	20.0				20.0	20.0				20.0	15
TOTALS		1.9	16.8			.0	16.8	26.1	14.0			31.6	2712

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		9.7				9.7	48.4	32.3			54.	[illegible]
	03-05	.4	11.0				11.0	46.6	11.0			5[illegible]	2[illegible]
	06-08	.2	11.7				11.7	34.6	11.1			37.7	5[illegible]
	09-11		10.6				10.6	16.9	12.5			25.[illegible]	[illegible]
	12-14	.2	7.5				7.5	7.3	14.6			19.[illegible]	[illegible]7
	15-17	.9	11.8				11.8	7.3	14.7			18.[illegible]	4[illegible]
	18-20	1.3	17.0				17.0	15.5	18.8			26.[illegible]	3
	21-23		6.1				6.1	45.5	37.9			56.1	[illegible]
TOTALS		.4	10.7				10.7	27.8	19.1			36.[illegible]	273

DATA PROCESSING DIVISION
USAF ETAC
1 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 BAD TOLZ GERMANY AAF 64-70

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
OCT	00-02												
	03-05		13.9		.4		14.3	27.7	5.5			29.4	[illegible]
	06-08		13.0		2.9		15.0	31.9	5.6			32.[illegible]	[illegible]
	09-11		14.2		1.8		14.9	20.9	8.5			25.[illegible]	[illegible]
	12-14		9.2		1.5		10.4	15.2	12.3			23.[illegible]	[illegible]
	15-17		9.0		1.6		10.2	12.2	12.9			21.[illegible]	[illegible]
	18-20	.8	7.0		1.6		8.1	15.6	7.8			20.[illegible]	[illegible]
	21-23												
TOTALS		.1	8.3		1.2		9.1	15.4	6.6			19.1	2925

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 BAD TOLZ GERMANY AAF 64-70

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND, OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02												
	03-05		10.8	.7	11.2		21.6	32.8	6.3			36.[illegible]	[illegible]
	06-08		10.8		12.5		21.8	31.9	7.4			34.[illegible]	[illegible]
	09-11		8.8		9.6		17.9	28.7	10.3			32.[illegible]	[illegible]
	12-14		10.0		9.5		18.9	26.0	11.7			31.[illegible]	[illegible]
	15-17		11.7		5.8		17.3	28.3	11.8			34.[illegible]	[illegible]
	18-20		9.9	.7	8.3		17.9	34.5	9.9			36.[illegible]	44[illegible]
	21-23												
TOTALS			10.3	.2	9.5		19.2	30.4	9.6			34.[illegible]	[illegible],44

DATA PROCESSING DIVISION
USAF ETAC
1 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34197 BAD TOLZ GERMANY AAF 64-70

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02												
	03-05		10,0	,5	22,3		31,4	22,3	6,4			26,[illegible]	[illegible]
	06-08		8,5	,4	21,8		29,9	28,2	6,0			32,	[illegible]
	09-11		7,6	,3	19,1		25,0	27,2	10,1			34,[illegible]	[illegible]
	12-14		6,9		19,0		24,9	22,8	13,2			32,[illegible]	[illegible]
	15-17		6,8		20,1		26,5	26,7	11,6			34,[illegible]	[illegible]
	18-20		7,8		22,5		29,1	32,4	8,6			37,[illegible]	[illegible]
	21-23												
TOTALS			7,9	,2	20,8		28,0	26,6	9,3			32,[illegible]	[illegible]

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

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jun 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, [illegible]

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	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 9	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	33.9	4.8	4.8	3.2	4.8	14.5	21.0	9.7	3.2					61.3	62	7.15	10.08	4.21
FEB	29.8	8.3	2.4	9.5	6.0	25.0	9.5	9.5						61.9	84	4.16	8.46	1.92
MAR	37.6	14.0	5.4	5.4	5.4	19.4	10.8	2.2						48.4	93	2.81	3.61	2.32
APR	40.0	10.0	2.2	7.8	4.4	6.7	13.3	13.3	2.2					50.0	90	5.52	7.67	2.74
MAY	25.8	22.6	6.5	9.7	3.2	16.1	3.2	6.5	3.2	3.2				51.6	31	6.58	6.58	6.58
JUN	27.8	16.7	2.2	6.7	5.6	7.8	7.8	16.7	3.9					55.6	90	9.33	10.22	7.74
JUL	33.3	6.5	2.2	9.7	5.4	10.8	7.5	16.1	7.5	1.1				60.2	93	9.54	12.45	6.29
AUG	24.7	6.5	6.5	10.8	5.4	6.5	17.2	18.3	4.3					68.8	93	8.92	10.42	7.09
SEP	46.7	12.5	3.3	7.5	.8	9.2	13.3	3.0	1.7					40.8	120	3.61	4.86	1.60
OCT	57.3	12.1	4.0	2.4	2.4	3.2	8.1	5.6	4.8					30.6	124	4.55	6.51	1.29
NOV	45.0	17.5	3.3	8.3	5.8	5.0	7.5	7.5						37.5	120	2.84	4.5	1.22
DEC	26.9	15.1	2.2	14.1	10.8	12.9	12.9	3.2						58.1	93	3.34	5.01	1.53
ANNUAL	35.7	12.2	3.7	8.1	5.0	11.4	11.0	9.5	3.0	.4				52.1	1093	68.35		

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

14197 BAD TOLZ GERMANY AAF 66-70
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
66						1.74	3.20		1.30		.77	.88	
67		.43		.91		1.88	1.00	2.23	.99	1.51	.58	.55	
68	2.48		.61	.98	2.84	1.97	1.79	2.11	1.18	1.94	.70	.56	
69	1.26	.35	.59					1.40	.45	.72	.87		
70		.98	.41	1.14						1.39			
MEAN	1.87	.59	.54	1.01	2.84	1.86	2.00	1.91	.98	1.39	.73	.66	
S.D.									.375	.505	.121		
TOTAL OBS.	62	84	93	90	31	90	93	93	120	124	120	93	1093

USAF ETAC FORM AIR 64 0-88-5 (OL)

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
64									0	0	0	0	PRECIP	
													DAYS	
65	0	0											PRECIP	
													DAYS	
66								2,01		2,12			PRECIP	
								30		30			DAYS	
67	1,05		,84		1,04								PRECIP	
	30		30		30								DAYS	
68		,73											PRECIP	
		29											DAYS	
69				1,17	,67	1,24	1,40					1,01	PRECIP	
				29	22	21	28					22	DAYS	
70	,44				,91	1,51	1,77	3,51	1,19		1,22	,85	PRECIP	
	20				28	27	21	27	24		26	30	DAYS	
MEAN														
S.D.														
TOTAL OBS.														

USAF ETAC FORM AK 64 0-88-5 (OL)

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67-70 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	01 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49-60	61 120	OVER 120					
JAN	39.8	6.5	8.6	14.0	3.2	5.4	4.3	6.5	9.7	1.1	1.1			59.8	93	63.1	42.6	9.7
FEB	41.7	10.7	6.0	15.5	3.6	7.1	6.0	4.8	4.8					47.6	84	37.4	69.3	8.5
MAR	53.8	7.5	4.3	9.7	8.6	4.3	6.5	4.3	1.1					38.7	93	28.5	39.5	19.4
APR	64.4	4.4	5.6	8.9	2.2	5.6	2.2	3.3	3.3					31.1	90	25.0	34.9	9.5
MAY	95.2	1.6			1.6			1.6						3.2	62	3.3	6.5	TRACE
JUN	96.7	3.3													60	TRACE	TRACE	.0
JUL	100.0														62	.0	.0	.0
AUG	98.9	1.1													93	TRACE	TRACE	.0
SEP	100.0														90	.0	.0	.0
OCT	92.7	3.2		1.6		2.4								4.0	124	2.6	10.2	.0
NOV	82.2	7.8	3.3	3.3					3.3					10.0	90	8.7	23.3	.8
DEC	48.2	17.7	6.5	12.9	4.8	3.2	3.2	3.2	3.2					37.1	62	26.8	33.9	19.7
ANNUAL	75.9	5.2	2.9	5.5	2.0	2.3	1.4	2.0	2.1	.1	.1			18.8	1003	195.4		

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

34197 BAD TOLZ GERMANY AAF 67-70
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
67	8.3	3.3		7.7	4.9	.0	.0	.0	.0	TRACE	1.4	7.0	
68	19.3		6.7	5.1	TRACE	TRACE	.0	.0	.0	.0	.6	8.7	
69	13.6	9.4	4.6					TRACE	.0	.0	9.6		
70		9.3	5.0	9.0						3.1			
MEAN	13.73	7.33	5.43	7.37	2.43	TRACE	.00	TRACE	.00	.78	3.87	7.85	
S.D.										1.560			
TOTAL OBS.	93	84	93	90	62	60	62	93	90	120	90	62	1003

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

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 67-70 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64									0	0	0	0	SNOFALL
													DAYS
65	0	0											SNOFALL
													DAYS
66						0	0	0	0	0	0	0	SNOFALL
													DAYS
67			8.7										SNOFALL
			30										DAYS
68		3.0											SNOFALL
		27											DAYS
69				7.4	TRACE	.0	.0					8.5	SNOFALL
				29	25	25	28					22	DAYS
70	3.7				4.5	.0	.0	.0	.0		8.5	10.5	SNOFALL
	20				29	29	25	29	26		28	30	DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-70 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 250	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOW+ALL	NONE	TRACE	01 04	05-14	15 24	25 34	35 44	45 64	65 104	105-154	155-254	255 504	OVER 504					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13-24	25 36	37 48	49 60	61 120	OVER 120					
JAN	2.2		2.2	3.2	4.5	16.1	31.2	37.6	1.1					97.8	93			
FEB	19.0		1.2	4.8		8.3	31.0	27.4	8.3					81.0	84			
MAR	37.6		1.1	2.2	7.5	9.7	14.0	18.3	9.7					62.4	93			
APR	77.8		3.3	5.6	3.3	7.8	2.2							22.2	90			
MAY	100.0														62			
JUN	100.0														60			
JUL	100.0														62			
AUG	100.0														93			
SEP	100.0														90			
OCT	97.6	.8	.8	.8										1.6	124			
NOV	86.7	6.7	1.1				3.3	2.2						6.7	90			
DEC	46.8	4.8	6.5	1.6	3.2	19.4	17.7							48.4	62			
ANNUAL	72.3	1.0	1.3	1.5	1.7	5.1	8.3	7.1	1.6					26.7	1003			

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

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

24197 BAD TOLZ GERMANY AAF 64-65, 67-70
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
67	12	5	7	5	0	0	0	0	0	0	0	9	12
68	32		14	4	0	0	0	0	0	0	1	11	
69	24	30							0	0	0	14	
70		23	30	11							2		
MEAN	22.7	19.3	17.0	6.7	.0	.0	.0	.0	.0	.5	5.0	18.0	12.0
S. D.										1.000			
TOTAL OBS.	93	84	93	90	62	60	62	93	90	124	90	62	1003

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-65, 67-70 YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64									0	0	3	10	SNO DPTH
									11	22	20	25	DAYS
65	16	50											SNO DPTH
	24	28											DAYS
66													SNO DPTH
						0	0	0	0	0	0	0	DAYS
68		16											SNO DPTH
		27											DAYS
69			7	5	0	0	0					22	SNO DPTH
			30	29	26	25	28					24	DAYS
70	19				1	0	0	0	0		1	14	SNO DPTH
	22				29	29	25	20	26		28	30	DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

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

PART C SURFACE WINDS

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

DATA NOT AVAILABLE

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

34097 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | LL MONTH

ALL WEATHER CLASS | LL HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.1	.0								1.4	3.1
NNE	.5	.6	.1									1.2	4.2
NE	.7	1.5	.6	.0								2.8	5.1
ENE	1.3	3.6	2.5	.4	.0							7.8	7.1
E	1.4	2.9	2.9	.6	.0							7.8	5.4
ESE	.4	.3	.1	.0								.8	4.1
SE	.3	.1	.0	.0								.4	3.3
SSE	.3	.1	.0	.0								.4	3.3
S	1.3	1.3	.5	.3	.0	.0						3.4	5.4
SSW	1.7	3.3	1.9	.5	.0	.0						7.4	5.9
SW	1.6	3.8	1.6	.1	.0							7.1	5.3
WSW	1.8	3.9	2.3	.4	.1	.0	.0					8.5	5.9
W	1.7	4.3	4.4	1.6	.2	.0						12.3	7.2
WNW	1.3	2.7	1.6	.3	.0	.0						6.0	5.3
NW	1.0	1.3	.5	.1	.0							2.9	4.8
NNW	.6	.7	.2	.0	.0							1.5	4.4
VARBL	1.2	.5	.1	.0	.0							1.9	3.7
CALM												26.7	
	17.8	31.6	19.5	4.5	.4	.0	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 33247

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03197 STATION — BAB TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3										.6	3.5
NNE	.4	.3	.0									.7	3.6
NE	.2	.9	.0									1.3	4.4
ENE	1.5	2.6	1.5	.1								5.7	5.3
E	1.7	2.0	1.8	.3								5.8	5.7
ESE	.4	.4										.8	3.6
SE	.5	.0										.5	2.3
SSE	.3											.3	2.1
S	1.3	.7	.2	.0								2.3	3.6
SSW	1.2	2.0	1.1	.2								4.5	5.2
SW	1.4	4.0	1.4	.2	.0							7.0	5.3
WSW	2.4	4.4	2.7	.7	.1							10.2	5.9
W	1.6	5.6	6.2	2.1	.2							15.7	7.4
WNW	1.1	1.9	1.8	.6								5.1	6.3
NW	.8	.6	.2	.1								1.4	5.1
NNW	.3	.5	.5	.2								1.6	6.6
VARBL	.7	.1										.7	2.6
CALM												34.9	
	15.9	27.4	17.0	4.3	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2547

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (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	.4	.3	.1	.0								.8	4.3
NNE	.3	.5	.0									.8	4.3
NE	.3	.8	.3									1.4	4.9
ENE	1.6	2.7	1.6	.4								6.3	5.5
E	1.4	2.3	3.0	.7								7.4	6.7
ESE	.4	.3	.0									.7	3.5
SE	.1	.1										.2	2.5
SSE	.4	.2										.6	3.3
S	1.2	1.2	.7	.9	.0							3.9	7.1
SSW	1.3	3.1	2.8	1.1	.2							8.6	7.3
SW	1.7	3.7	2.5	.2								8.1	5.3
WSW	1.4	4.1	2.8	.8	.3	.0	.0					9.4	7.1
W	1.6	6.2	3.7	2.0	.6	.1						14.1	7.8
WNW	1.2	2.4	1.3	.2	.2							5.3	6.1
NW	.9	1.1	.2									2.2	4.2
NNW	.4	.2	.0	.0								.7	3.9
VARBL	.7	.1										.9	2.5
CALM												2.8	
	15.2	29.2	19.0	6.6	1.3	.1	.0					100.4	4.6

TOTAL NUMBER OF OBSERVATIONS 2431

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10197 (STATION) GAP TOLZ GERMANY AAF (STATION NAME) 65-70 (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	.8	.9										1.6	3.5
NNE	.4	.4	.1									1.[illegible]	4.2
NE	.8	1.[illegible]	.4									2.7	4.[illegible]
ENE	1.0	3.7	2.3	.6								7.7	4.[illegible]
E	1.6	2.9	3.5	.6								8.[illegible]	4.6
ESE	.3	.3	.0									.[illegible]	3.7
SE	.2	.1										.[illegible]	2.7
SSE	.2	.1	.0									.[illegible]	3.4
S	.9	.7	.3	.4	.1							2.4	4.1
SSW	1.4	3.5	2.0	.5								7.3	[illegible].[illegible]
SW	1.0	3.9	2.3	.3								7.[illegible]	6.1
WSW	1.6	3.8	3.5	1.0	.1							10.[illegible]	[illegible].7
W	1.4	4.4	7.6	4.2	.7	.1						18.[illegible]	.9
WNW	.9	2.2	2.3	.4	.0							[illegible].[illegible]	6.[illegible]
NW	1.2	1.7	.8	.1	.0							3.[illegible]	5.1
NNW	.5	.5	.2	.0								1.2	4.4
VARBL	.6	.2										.[illegible]	2.[illegible]
CALM												19.[illegible]	
	14.9	30.8	25.3	8.1	.9	.1						100.[illegible]	5.3

TOTAL NUMBER OF OBSERVATIONS 2974

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

06197	BAD TOLZ GERMANY AAF	65-70	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	.0									1.?	3.-
NNE	.3	.5	.2									1.-	4.-
NE	.3	1.4	.8	.1								2.-	5.-
ENE	1.0	3.2	2.9	.7								7.-	-.-
E	.9	3.5	3.2	.5								8.1	-.-
ESE	.3	.3	.1	.1								.-	3.-
SE	.3	.1	.1	.0								.-	4.4
SSE	.1	.2		.1								.4	4.-
S	1.0	1.6	.4	.0								3.-	4.-
SSW	1.5	3.4	1.9	.5								7.4	5.-
SW	1.0	3.9	2.3	.2								7.-	-.-
WSW	1.4	4.7	2.5	.5								9.1	6.-
W	1.9	4.9	5.7	2.1	.3	.0						14.-	7.-
WNW	1.4	3.4	2.8	.9	.1							8.7	-.-
NW	1.5	1.5	.9	.1	.0							4.-	5.-
NNW	.6	.8	.2		.0							1.-	4.-
VARBL	.3	.2	.0	.2	.0							.7	-.-
CALM												21.1	
	14.2	34.3	24.0	5.8	.5	.0						100.-	4.-

TOTAL NUMBER OF OBSERVATIONS 3245

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197	BAD TOLZ GERMANY AAF	65-70	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.2	.0								1.6	4.5
NNE	.6	.6	.3									1.5	4.7
NE	.6	1.2	.8									2.6	5.6
ENE	.9	3.4	4.2	.6	.0							9.2	7.-
E	.6	3.3	4.7	1.3								9.-	7.3
ESE	.4	.3	.2	.0								.9	4.-
SE	.2	.2	.1									.5	4.6
SSE	.1	.1	.0									.2	3.9
S	1.2	1.2	.6	.3								3.3	5.5
SSW	1.4	3.6	2.3	.5								7.7	6.1
SW	1.7	3.7	1.3									6.6	5.-
WSW	1.4	4.1	2.2	.2	.1							9.-	5.9
W	2.0	4.1	5.0	.9	.1							12.-	6.-
WNW	1.2	3.4	2.6	.4	.0							7.6	6.3
NW	1.0	1.7	.8	.1								3.6	5.1
NNW	.6	.9	.3									1.7	4.5
VARBL	1.1	.7	.1	.1								1.9	3.9
CALM												21.-	
	15.5	33.3	25.5	4.5	.2							100.-	4.-

TOTAL NUMBER OF OBSERVATIONS 2912

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (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	1.6	.2									2.7	4.[illegible]
NNE	.6	.8	.2									1.[illegible]	4.[illegible]
NE	.8	1.6	1.1	.1								3.[illegible]	[illegible].7
ENE	.9	3.0	2.9	.7	.0							7.[illegible]	7.[illegible]
E	.9	2.8	3.5	.8	.1							[illegible].[illegible]	7.7
ESE	.2	.3	.1									.[illegible]	4.[illegible]
SE	.1	.1										.2	3.[illegible]
SSE	.1		.0									.2	3.[illegible]
S	1.3	.8	.3	.0	.0							2.4	4.4
SSW	2.4	3.1	1.3	.3								7.[illegible]	4.[illegible]
SW	1.7	3.[illegible]	1.2									6.4	5.[illegible]
WSW	2.2	3.6	1.6	.4	.0							7.[illegible]	5.[illegible]
W	1.9	4.9	3.1	.9	.1							10.[illegible]	6.4
WNW	1.4	3.2	2.0	.3		.0						7.[illegible]	[illegible].[illegible]
NW	1.3	2.2	.8	.1								4.4	5.[illegible]
NNW	1.1	1.9	.3	.1								3.[illegible]	4.4
VARBL	1.7	1.2	.2									3.[illegible]	3.[illegible]
CALM												23.5	
	19.5	34.3	18.7	3.6	.3	.0						100.[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS 2627

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — — MONTH

ALL WEATHER CLASS — — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	.2	.0								2.4	4.3
NNE	.4	.6	.2									1.1	4.4
NE	.7	1.6	1.0	.0								3.4	5.1
ENE	.9	3.6	2.6	.3								7.4	4.1
E	1.2	3.5	3.3	.6								8.6	4.7
ESE	.2	.4	.1									.7	4.4
SE	.1	.0										.1	4.0
SSE	.2	.3	.0	.0								.4	4.5
S	.8	1.4	.5	.3								2.9	5.4
SSW	1.4	3.9	1.9	.2								7.4	5.4
SW	1.8	4.5	1.2									7.5	4.2
WSW	2.6	3.7	1.7	.1								8.1	4.1
W	1.9	3.8	3.0	.6								9.3	5.1
WNW	1.8	3.2	1.7	.1								6.8	5.2
NW	1.3	2.2	1.1	.0								4.7	5.1
NNW	.8	1.8	.2									2.9	4.3
VARBL	1.1	1.0	.2	.2								2.4	4.3
CALM												27.9	
	17.9	37.0	18.8	2.4								10	4.1

TOTAL NUMBER OF OBSERVATIONS 2514

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (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	1.1	.0									2.1	3.4
NNE	.7	1.3	.3									2.4	4.5
NE	.9	2.0	.0									3.5	5.1
ENE	1.3	3.9	3.3	.2								8.5	5.2
E	1.3	2.9	2.3	.2								6.4	5.3
ESE	.4	.2	.1									.7	3.7
SE	.3	.1										.4	2.7
SSE	.5	.1										.6	2.6
S	1.7	1.3	.5	.1	.1	.0						3.7	4.1
SSW	1.8	4.1	2.4	.3								8.6	5.7
SW	2.1	3.9	1.8	.0	.0							7.8	5.2
WSW	1.8	4.6	1.7	.2								8.3	5.2
W	1.8	3.5	2.6	.4								8.3	5.4
WNW	2.1	3.4	1.3	.2								7.0	5.0
NW	1.4	1.7	.3									3.4	4.1
NNW	1.0	.7	.3	.0								2.0	4.1
VARBL	1.7	1.1	.0									2.9	3.4
CALM												22.9	
	21.6	36.0	17.9	1.6	.1	.0						100.	4.0

TOTAL NUMBER OF OBSERVATIONS 2712

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (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	.8	.4	.1									1.3	3.4
NNE	.5	.7	.0									1.2	3.9
NE	.8	2.2	.6	.0								3.7	5.2
ENE	2.1	5.2	3.1	.6								11.0	5.2
E	1.6	3.9	3.4	.6								9.5	6.1
ESE	.4	.1	.1									.7	3.9
SE	.4		.0									.4	2.2
SSE	.4	.1										.5	2.9
S	1.4	1.9	.5	.3								4.1	3.1
SSW	1.8	2.6	1.2	.1								5.7	3.2
SW	1.4	3.0	.6	.0								5.2	4.1
WSW	1.8	3.2	.9	.1								6.2	4.0
W	1.5	3.5	2.2	.7	.1							7.9	5.3
WNW	1.7	2.3	1.1	.1								5.2	4.9
NW	1.5	1.3	.5	.1								3.4	4.4
NNW	.9	.6	.0									1.5	3.5
VARBL	1.8	.5	.3	.0								2.6	3.7
CALM												20.1	
	20.8	31.6	14.7	2.7	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2730

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.0									1.4	3.5
NNE	.6	.7										1.4	3.0
NE	1.6	2.0	.7	.0								4.3	4.4
ENE	1.6	3.7	2.1	.2								7.4	5.4
E	1.7	2.8	2.0	.6								7.1	4.7
ESE	.7	.2	.0	.0								1.0	3.6
SE	.4	.1										.5	2.7
SSE	.5	.1		.0								.6	3.2
S	1.6	1.9	.5	.2								4.2	4.0
SSW	1.9	3.1	1.6	.6								7.2	5.0
SW	1.8	4.0	1.2	.0								7.0	5.0
WSW	1.9	3.5	2.4	.1	.0							7.8	5.4
W	1.5	2.8	2.0	.8	.0							7.2	5.3
WNW	1.5	2.4	.6	.2								4.7	4.0
NW	.8	.6	.2	.0								1.6	4.1
NNW	.6	.8		.1								1.5	4.1
VARBL	2.4	.5	.6	.0								3.5	3.5
CALM												31.3	
	21.9	29.8	14.0	2.9	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2935

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197	BAD TOLZ GERMANY AAF	64-70	
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (L S T)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2										.5	3.2
NNE	.5	.5	.1									1.1	4.[illegible]
NE	.6	1.4	.5									2.4	5.[illegible]
ENE	1.2	4.0	2.5	.6								8.3	4.1
E	2.0	2.7	2.4	.9								7.9	4.1
ESE	.9	.3	.3	.1								1.6	4.4
SE	.4	.1	.0									.5	2.6
SSE	.6	.3										.9	3.2
S	1.6	1.5	.7	.7	.1	.0						4.7	5.4
SSW	1.7	2.9	2.2	.8	.2	.0						7.9	6.7
SW	1.6	3.8	1.4	.1								7.[illegible]	5.3
WSW	1.3	2.5	1.9	.6	.1							6.[illegible]	5.[illegible]
W	2.0	4.2	4.7	1.5	.2							12.[illegible]	7.1
WNW	1.1	2.4	1.1	.2								4.[illegible]	5.6
NW	.8	.8	.2	.0								1.7	4.2
NNW	.3	.2										.[illegible]	3.3
VARBL	1.6	.2	.2	.1	.1							2.2	4.3
CALM												28.9	
	18.4	28.0	18.3	5.5	.5	.1						100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 3[illegible]44

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 BAD TOLZ GERMANY AAF 64-70 [illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
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	.4	.2										.6	2.6
NNE	.4	.2	.0									.7	3.5
NE	.8	1.1	.1									2.1	3.7
ENE	2.1	3.5	1.0	.0								6.6	4.0
E	1.7	2.5	1.5	.0								5.7	3.1
ESE	.4	.1										.5	2.3
SE	.3	.1										.4	2.0
SSE	.3	.1										.4	2.3
S	1.3	1.1	.6	.3	.0							3.3	3.6
SSW	2.2	3.5	2.5	.6								8.8	5.7
SW	1.6	3.4	2.4	.6								8.0	5.2
WSW	1.8	4.6	3.8	.5	.1							10.9	5.3
W	1.5	4.5	6.7	2.7	.1	.1						15.7	7.9
WNW	.8	1.6	.9	.2								3.5	5.7
NW	.5	.5	.3	.0								1.3	4.0
NNW	.4	.0										.4	2.3
VARBL	1.1	.3	.1									1.5	3.2
CALM												29.4	
	17.7	27.5	19.9	5.0	.2	.1						100.3	4.2

TOTAL NUMBER OF OBSERVATIONS 2975

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 69 (YEARS) (MONTH)

ALL WEATHER (CLASS)

2 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		100.0										100.	4.5
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
		100.0										100.	4.5

TOTAL NUMBER OF OBSERVATIONS 2

USAFETAC FORM JUL 64 U-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) (MONTH)

ALL WEATHER (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													
NNE	.4											.6	2.0
NE		.9										.9	5.0
ENE	.9	1.8										2.7	3.7
E	2.7	.9	1.3									4.0	4.5
ESE	.4	1.3										1.8	4.0
SE	.9	.4										1.3	3.0
SSE	.4											.4	2.0
S	1.8	1.8										3.6	3.5
SSW	.9	3.1	3.1	.9								8.0	6.7
SW	1.3	5.3	4.0									10.6	6.1
WSW	4.0	7.1	1.3									12.4	4.3
W	1.3	6.6	7.1	3.1								18.1	7.4
WNW	.4	.9	1.8									3.1	4.1
NW	.4		.4									.9	4.5
NNW			1.3									1.3	3.3
VARBL	.4											.4	2.0
CALM												29.2	
	16.4	30.1	20.4	4.0								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 226

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (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													
NNE													
NE		.7										.7	3.3
ENE	1.1	2.5	.7									4.3	5.1
E	1.1	.4	.4									2.[illegible]	4.3
ESE	.2	.7										.9	4.3
SE	1.6											1.[illegible]	2.[illegible]
SSE	.2											.2	2.[illegible]
S	3.1	1.1	.2	.2								4.7	3.6
SSW	3.4	4.3	2.2	.2								10.1	5.[illegible]
SW	1.8	4.0	2.7	.7								9.2	5.[illegible]
WSW	1.6	5.1	3.1	.7								10.5	5.9
W	2.2	4.0	5.6	1.3	.7							13.9	7.3
WNW	.2	.7	.9	.4								2.2	7.4
NW		.4	.2									.7	4.[illegible]
NNW	.4	.7	.2									1.3	5.[illegible]
VARBL	.4	.4										.9	3.5
CALM												36.9	
	17.4	25.1	16.3	3.6	.7							100.[illegible]	3.6

TOTAL NUMBER OF OBSERVATIONS 447

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
1 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~94197~~ STATION ~~BAD TOLZ GERMANY AAF~~ STATION NAME ~~65-70~~ YEARS MONTH

ALL WEATHER CLASS

0 - 11 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		,4										,4	4.0
NNE		,6										,6	5.0
NE	,2	,4	,2									,7	4.5
ENE	1,9	1,2	1,0									4,1	4.9
E	1,6	,8	1.0									3,3	4.6
ESE	,2	,2										,4	3.5
SE													
SSE	,2											,2	3.0
S	1,2	,6	,4									2,1	3.7
SSW	1,0	2,7	1,6	,2								5,4	5.5
SW	1,7	3,1	1,9		,2							7,0	5.6
WSW	3,1	3,1	3,9	,4								10,5	5.7
W	,8	5,4	4,8	2,1	,4							13,6	7.9
WNW	1,0	2,5	1,2	,8								5,4	6.5
NW	,2	,2	,2									,6	5.3
NNW	,4	,8										1,2	3.7
VARBL	1,9											1,9	2.4
CALM												42,6	
	15,3	21,9	16,1	3,5	,6							100,0	5.4

TOTAL NUMBER OF OBSERVATIONS 516

USAFETAC FORM AF. 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) — SAB TOLZ GERMANY AAF (STATION NAME) — 65-70 (YEARS) — (MONTH)

ALL WEATHER (CLASS) — 12-14 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											.2	3.0
NNE	.6		.2									.8	3.3
NE	.2	.8										1.0	4.4
ENE	2.0	3.0	1.8									6.8	5.4
E	2.2	2.4	2.2	.4								7.2	5.7
ESE	1.2	.2										1.4	2.7
SE	.2											.2	2.0
SSE													
S		.2										.2	6.0
SSW		1.8	.4									2.2	6.0
SW	1.0	5.0	.8	.2								6.8	6.9
WSW	2.4	3.4	2.2	.6	.2							8.8	6.0
W	2.0	4.4	7.4	2.4								16.2	7.8
WNW	2.2	3.6	2.0	.6								8.4	5.6
NW	1.2	1.2	.4	.4								3.2	5.6
NNW	.2	.4	.2									.8	5.0
VARBL	.4											.4	2.0
CALM												35.4	
	16.0	26.4	17.4	4.6	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 500

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
1 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 STATION — BAB TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

ALL WEATHER CLASS — 1500-17 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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										1.4	3.7
NNE	1.2	.8										2.0	3.3
NE	.6	1.8										2.4	4.3
ENE	1.4	3.9	3.0	.4								8.7	5.6
E	1.0	4.3	3.5	.8								9.6	4.9
ESE	.2	.2										.4	4.5
SE													
SSE	.4											.4	2.0
S	.4	.2										.6	3.3
SSW	.6	2.8										3.5	4.3
SW	.8	1.4	.2									2.4	4.4
WSW	1.4	4.3	1.8	1.0								8.5	6.0
W	2.2	7.1	6.8	2.2								18.1	6.9
WNW	2.0	2.0	1.6	1.2								6.9	6.5
NW	.8	1.0	.2									2.0	3.9
NNW	.6	.6	1.0	.4								2.4	7.0
VARBL	.4											.4	2.5
CALM												29.9	
	14.8	31.3	17.9	6.1								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 492

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.3										1.4	3.7
NNE													
NE	.6	1.1										1.7	3.3
ENE	1.1	3.1	1.7									5.9	5.-
E	2.5	2.8	2.0	.3								7.6	5.1
ESE	.3											.3	3.0
SE	.6											.6	2.3
SSE	.6											.6	2.0
S	2.2	1.4	.3									3.9	3.4
SSW	1.7	3.6	.3									5.6	4.1
SW	1.7	5.0										7.3	4.2
WSW	2.8	5.3	2.8	1.1	.6							12.6	5.3
W	.8	7.0	6.1	2.0	.3							14.2	7.4
WNW	.3	.6	1.4									2.2	7.1
NW		.3										.3	6.0
NNW		.6	1.1	.6								2.2	9.3
VARBL													
CALM												31.6	
	16.2	31.8	15.6	3.9	.8							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 350

USAFETAC FORM AWS 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
1 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~94197~~ STATION ~~BAD TOLZ GERMANY AAF~~ STATION NAME ~~67-68~~ YEARS A 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	~~16.7~~	~~33.3~~										~~50.0~~	~~4.0~~
WSW			~~16.7~~									~~16.7~~	~~7.0~~
W													
WNW		~~16.7~~											
NW												~~16.7~~	~~4.0~~
NNW													
VARBL													
CALM												16.7	
	~~16.7~~	~~50.0~~	~~16.7~~									~~100.0~~	~~3.3~~

TOTAL NUMBER OF OBSERVATIONS 6

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		16.7	16.7									33.3	6.5
SW		33.3	16.7									50.0	6.7
WSW		16.7										16.7	6.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												0.0	
		66.7	33.3									100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0600 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4		.4									.8	4.5
NNE	1.2											1.2	2.7
NE		1.2	.8									2.1	6.8
ENE	1.6	.8										2.5	3.8
E	1.6	.4	.8	.8								3.7	6.3
ESE	.8											.8	2.0
SE	.8											.8	2.0
SSE	.4											.4	2.0
S	1.6	2.5		.8								4.9	5.8
SSW	2.1	4.5	4.5	1.2								12.3	6.7
SW	1.6	4.9	4.9	.8								12.3	6.7
WSW	4.1	3.8	1.6	1.2								10.8	5.1
W	2.9	5.3	2.5	3.3	.4							14.4	7.4
WNW	.4	1.6	.4									2.5	4.8
NW													
NNW													
VARBL	.8											.8	2.0
CALM												27.6	
	20.6	27.2	16.0	8.2	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 243

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 6[illegible]-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	5.[illegible]
NNE		.7	.2									.9	5.5
NE	.5	.8	.5									1.4	5.[illegible]
ENE	1.6	1.4	.7									3.7	4.7
E	1.2	.9	1.2									3.3	6.[illegible]
ESE	.9	.5										1.4	3.2
SE	.2	.2										.5	3.[illegible]
SSE	.5	.2										.7	3.3
S	2.3	2.[illegible]	.2	1.2								6.[illegible]	5.9
SSW	1.2	5.[illegible]	3.3	1.2	.2							11.[illegible]	6.7
SW	1.[illegible]	2.6	3.5	.2								8.1	5.2
WSW	1.[illegible]	3.7	3.7	.5	.7	.2						10.[illegible]	7.[illegible]
W	1.4	4.9	3.7	2.1	.9	.2						13.3	[illegible].2
WNW	1.2	.9										2.1	3.4
NW		.7										.7	4.7
NNW	.2	.2										.5	3.5
VARBL	.9											.9	1.[illegible]
CALM												34.7	
	15.1	35.8	17.0	5.1	1.9	.8						100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 43[illegible]

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS)

[illegible]-11 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9		.2								1.1	[illegible]
NNE	.4	.4										.9	3.[illegible]
NE	.2	.2	.4									.9	3.[illegible]
ENE	1.1	1.9	1.1	.6								4.[illegible]	[illegible]
E	.9	.4	1.5	.2								3.[illegible]	[illegible]
ESE	.4											.4	2.5
SE													
SSE	.4	.6										1.1	3.[illegible]
S	1.1	.9	1.1	.9								3.[illegible]	7.2
SSW	1.5	3.4	3.0	1.7	.2							9.9	7.[illegible]
SW	1.7	3.4	1.3									6.[illegible]	5.1
WSW	.9	4.9	2.2	1.7	.9		.2					10.[illegible]	[illegible].6
W	2.2	6.2	3.0	2.2	.4							14.[illegible]	7.[illegible]
WNW	.4	2.6	1.3	.2	.2							4.7	6.9
NW	1.3	.6	.2									2.2	3.9
NNW	.2	.4										.6	3.3
VARBL	.2	.4										.6	4.[illegible]
CALM												34.[illegible]	
	12.9	27.5	15.1	7.7	1.7		.2					100.[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 465

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.4										1.3	2.[illegible]
NNE	.2	.6										.9	3.[illegible]
NE	.4	1.9	.2									2.4	4.4
ENE	1.9	3.0	2.6	.2								7.[illegible]	5.7
E	1.9	2.8	4.1	1.1								10.[illegible]	4.9
ESE		.4	.2									.6	5.7
SE		.2										.2	4.[illegible]
SSE	.2											.2	2.[illegible]
S	.4	.4	.9	.6	.2							2.6	6.3
SSW	.4	1.3	2.4	.6	.2							5.[illegible]	6.[illegible]
SW	.6	3.9	1.3	.2								6.1	5.[illegible]
WSW	1.1	2.8	3.9	.9								8.7	7.3
W	.9	8.0	5.2	1.9	.4							16.[illegible]	7.4
WNW	2.2	4.1	2.6	.2								9.1	5.4
NW	.9	1.7										2.6	3.[illegible]
NNW	.4	.4										.9	3.[illegible]
VARBL	.2											.2	3.[illegible]
CALM												24.9	
	12.8	32.3	23.4	5.8	.9							100.[illegible]	4.9

TOTAL NUMBER OF OBSERVATIONS 462

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 15[illegible]-17[illegible] (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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										.7	3.[illegible]
NNE	.2	.4										.7	4.[illegible]
NE	.2	1.1										1.3	4.2
ENE	2.2	5.6	3.0	1.1								11.9	5.9
E	.9	3.5	6.1	1.1								11.[illegible]	7.4
ESE		.2										.2	5.[illegible]
SE													
SSE													
S	.4	.7	.4	1.1								2.[illegible]	5.7
SSW	.9	.9	2.0	.9	.4							5.[illegible]	5.7
SW	2.0	2.6	2.0	.4								6.[illegible]	5.7
WSW	1.1	3.9	2.4	.2								7.[illegible]	6.5
W	2.2	6.5	4.6	2.6		.2						16.1	7.2
WNW	1.3	3.3	2.0	.9								7.4	4.3
NW	1.7	2.6	.9									5.2	4.5
NNW	.4		.2	.2								.[illegible]	6.[illegible]
VARBL	1.3	.2										1.[illegible]	3.4
CALM												20.4	
	15.2	31.9	23.4	8.5	.4	.2						100.[illegible]	5.2

TOTAL NUMBER OF OBSERVATIONS 461

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible]-2[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6		.3									[illegible]	4.?
NNE		.3										[illegible]	4.[illegible]
NE	.6											[illegible]	2.[illegible]
ENE	1.1	2.2	1.1	.3								4.7	5.[illegible]
E	2.2	5.9	2.8	.6								11.[illegible]	5.[illegible]
ESE	.6	.6										1.1	3.[illegible]
SE													
SSE	.8	.3										1.1	3.3
S	1.4	.6	1.1	1.1								4.?	7.3
SSW	2.2	3.6	2.5	1.1								9.5	6.3
SW	2.8	4.3	3.1									10.?	5.1
WSW	1.4	3.9	2.2	.6								8.1	4.[illegible]
W	.6	5.6	2.2	.3	1.4							10.1	7.[illegible]
WNW	1.1	1.4	1.1		.8							4.5	7.[illegible]
NW	.8	.3										1.1	3.[illegible]
NNW	1.1											1.1	2.3
VARBL	1.1											1.1	2.3
CALM												29.9	
	18.4	29.1	16.5	3.9	2.2							100.[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS 35[illegible]

USAFETAC FORM No. 4 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06197	BAD TOLZ GERMANY AAF	65,67	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

21 [illegible]-23
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E			16,7	33,3								5[illegible]	11,[illegible]
ESE													
SE													
SSE													
S													
SSW													
SW		33,3	16,7									5[illegible]	5,3
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												[illegible]	
		33,3	33,3	33,3								10[illegible]	8,7

TOTAL NUMBER OF OBSERVATIONS 6

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 BAD TOLZ GERMANY AAF 66-70 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4										1.4	4.0
NNE													
NE													
ENE	1.1	1.8	.7									3.6	5.0
E	2.9	2.5	3.6									9.0	4.3
ESE	.4	.7										1.1	3.2
SE	1.1											1.1	2.3
SSE	.7	.7										1.4	3.3
S	3.6	1.1	.4		.4							5.4	4.2
SSW	2.9	5.8	1.8	.7								11.2	5.5
SW	2.2	5.4	5.1	.4								13.0	4.6
WSW	1.8	3.6	3.6	.4								9.4	3.9
W	1.8	5.4	5.4	2.5								15.2	7.5
WNW	.7	.7	1.4									2.9	5.0
NW	.7	.4										1.1	2.7
NNW		.4										.4	4.0
VARBL													
CALM												23.4	
	19.9	30.1	22.1	4.0	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 274

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5										.7	4.3
NNE	.4	.2										.7	3.3
NE	.4	.5										.9	4.[illegible]
ENE	1.1	1.3	.7	.2								3.3	5.2
E	1.6	2.2	2.2	.4								[illegible].3	3.9
ESE	.5	.7	.2									1.4	4.5
SE	.2											.3	2.[illegible]
SSE	.5	.2	.2									.9	3.[illegible]
S	1.4	2.2	.2	.2	.2							4.1	4.[illegible]
SSW	2.2	6.5	2.7	.7								12.[illegible]	5.9
SW	.7	5.0	2.7	.7								9.1	4.4
WSW	2.0	6.1	3.8	.7								12.[illegible]	5.1
W	1.1	3.8	7.2	4.8	.2							17.[illegible]	5.[illegible]
WNW	1.3	1.4	.5									3.2	4.4
NW	.7	.2	.2									1.1	4.[illegible]
NNW	.2		.2									.4	4.5
VARBL													
CALM												25.3	
	14.3	30.6	20.6	7.7	.4							100.[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 552

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 9 -11 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4										1.4	3.1
NNE		.2										.2	4.0
NE	.2	.7	.2									1.1	5.3
ENE	.7	2.7	2.0	.7								6.1	5.8
E	1.4	2.2	2.5	.9								7.	5.3
ESE	.5	.2										.7	3.3
SE													
SSE													
S	.5	.7	.4	.4								2.	4.4
SSW	1.1	2.5	2.0	1.1								6.6	7.0
SW	1.6	3.9	2.5	.2								8.2	5.9
WSW	2.3	4.5	3.2	.9								10.9	5.2
W	.5	5.2	7.2	3.4	1.1							17.4	9.0
WNW	.7	2.9	1.4	.5								5.6	6.1
NW	.9	1.6	.2									2.7	4.5
NNW	.4	.5	.2	.2								1.3	5.2
VARBL	.5	.5										1.	3.0
CALM												27.	
	12.5	28.7	21.7	8.2	1.1							100.	4.9

TOTAL NUMBER OF OBSERVATIONS 560

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12-14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.3										1.	2.
NNE	.7	.5	.2									1.4	4.4
NE	1.6	2.0	.9									4.	5.
ENE	.7	4.8	2.9	1.8								1.	7.1
E	.7	3.0	3.2	1.1								.	7.
ESE													
SE	.2	.2										.4	3.
SSE	.2											.2	3.
S	.5		.2	.5								1.	8.4
SSW	1.1	1.3	1.4	.2								3.	5.
SW	.4	2.9	2.3									5.	6.
WSW	.9	3.0	4.1	.9								9.	7.1
W	1.4	4.5	9.1	4.5	1.3	.5						21.	9.4
WNW	.7	4.1	4.1	.7								9.	7.
NW	1.3	3.0	1.4	.4	.2							6.	5.
NNW	.7	1.4	.4									2.	4.6
VARBL	.4	.2										.	3.
CALM												13.4	
	12.0	32.3	30.3	10.0	1.4	.5						100.	6.2

TOTAL NUMBER OF OBSERVATIONS 55

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4										3.[illegible]	[illegible]
NNE	.9	1.3	.4									2.[illegible]	4.[illegible]
NE	.5	3.9	.7									5.[illegible]	5.[illegible]
ENE	.9	5.2	4.7	.5								11.[illegible]	4.7
E	1.1	2.7	6.3	.5								1[illegible].[illegible]	7.1
ESE		.2										.[illegible]	4.[illegible]
SE		.2										.[illegible]	4.[illegible]
SSE													
S	.7	.2	.9	.9								2.7	[illegible]
SSW	.2	1.8	2.0	.2								4.1	4.7
SW	.9	2.3	.9									4.1	3.4
WSW	.7	2.2	3.6	1.4	.2							8.1	[illegible]
W	2.0	4.5	9.0	5.0	.9							21.[illegible]	9.[illegible]
WNW	.9	1.6	3.4	.9								6.[illegible]	7.[illegible]
NW	2.2	3.0	2.2	.2								7.[illegible]	5.[illegible]
NNW	.9	.4	.2									1.4	4.[illegible]
VARBL	1.4	.4										1.[illegible]	2.9
CALM												9.1	
	14.9	31.2	34.1	9.7	1.1							100.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]5

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.4										1.2	3.1
NNE	.4	.2										.6	3.
NE	1.7	1.3	.2									3.2	4.1
ENE	1.7	6.0	2.2									9.9	5.3
E	2.6	4.7	3.2	.2								10.7	5.5
ESE	.6											.6	2.
SE													
SSE													
S													
SSW	1.9	4.3	1.7									7.9	5.
SW	1.1	4.9	1.5	.4								7.9	5.
WSW	2.2	3.4	2.6	1.5	.2							9.9	4.7
W	1.7	3.4	6.7	4.3	.4							16.5	6.4
WNW	.9	1.5	2.6	.2	.2							5.4	7.1
NW	1.3	1.1	.2	.2								2.8	4.2
NNW	.6	.4										1.1	3.5
VARBL	.9	.2										1.1	2.
CALM												2.9	
	18.5	32.0	20.9	6.9	.9							100.2	4.6

TOTAL NUMBER OF OBSERVATIONS 45F

USAETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

94107 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 68 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21 -23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW	100.0											100.	2.
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	100.0											100.	

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66,68 (YEARS) (MONTH)

ALL WEATHER (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													
NNE													
NE													
ENE	1,7											1,7	2,
E													
ESE													
SE	1,7											1,7	2,
SSE		1,7										1,7	5,
S	1,7											1,7	3,
SSW	6,8	6,8	1,7									15,3	4,
SW	3,4	5,1	3,4									11,9	5,4
WSW	1,7	8,5	3,4									13,6	5,4
W		1,7	1,7	1,7								5,1	6,7
WNW	1,7	1,7	1,7									5,1	5,2
NW	1,7		1,7									3,4	5,
NNW													
VARBL	1,7											1,7	2,
CALM												37,2	
	22,0	25,4	13,6	1,7								100,	3,2

TOTAL NUMBER OF OBSERVATIONS 59

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 3 -(illegible) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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										.(illegible)	4.
NNE													
NE		.4										.4	4.
ENE		1.2										1.2	5.
E	.8	2.8	.4									4.(illegible)	5.
ESE		.8										.(illegible)	4.
SE													
SSE	.4											.4	2.
S	3.6	4.8										8.4	3.7
SSW	3.6	5.6	.8	.8								10.(illegible)	4.7
SW	1.2	6.0	3.2									10.4	5.3
WSW	2.8	6.4	3.6	.4								13.2	5.7
W	.8	5.2	3.2	1.2								10.4	7.1
WNW	2.0	1.2	.4									3.(illegible)	3.(illegible)
NW	1.2											1.2	2.3
NNW	.4	.8	.4									1.6	5.
VARBL													
CALM												32.(illegible)	
	16.8	36.0	12.0	2.4								100.(illegible)	3.(illegible)

TOTAL NUMBER OF OBSERVATIONS 25(illegible)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 06 - (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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									.	.
NNE													
NE		.7	.2									.9	5.4
ENE	.4	.9	.4									1.7	5.4
E	.6	2.2	.9									3.7	5.5
ESE	1.1	.4										1.5	2.
SE	.6											.6	2.
SSE	.2											.2	3.
S	2.4	2.8	.7									6.	4.7
SSW	3.2	4.7	2.4	.2								10.4	5.1
SW	1.9	8.2	2.8	.4								13.2	5.4
WSW	1.9	6.9	2.4	.6								11.7	5.4
W	1.9	5.0	4.1	.9	.2							12.1	5.7
WNW	1.3	1.7	1.3		.2							4.5	5.4
NW	.7	.2	.2									1.1	3.
NNW	.2	.2	.2									.6	4.7
VARBL	.2		.2									.4	3.5
CALM												30.	
	16.6	34.1	16.0	2.0	.4							100.	3.

TOTAL NUMBER OF OBSERVATIONS 537

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 05-11 (HOURS (EST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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										1.4	3.5
NNE	.4	.2	.2									.7	4.3
NE	.6	1.7	.7	.2								3.3	5.7
ENE	1.1	2.8	1.7	.4								6.	4.8
E	.9	2.2	2.4	.4								6.	5.5
ESE		.4										.4	5.
SE													
SSE		.4										.4	4.
S	.4	1.1	.4	.2								2.	5.7
SSW	.4	2.4	2.0	.9								5.	7.3
SW	.4	2.8	2.2									5.4	6.1
WSW	1.3	4.3	3.0	.7								9.3	6.2
W	2.8	6.1	6.7	1.7	.4							17.7	7.2
WNW	1.3	6.1	3.0	1.3								11.7	6.4
NW	1.7	1.3	1.3	.4								4.7	5.4
NNW	1.1	.4	.4									1.9	3.3
VARBL	.4	.4										.7	3.5
CALM												22.7	
	13.4	33.3	24.0	6.1	.4							100.	4.9

TOTAL NUMBER OF OBSERVATIONS 537

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12[illegible]-14 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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.[illegible]	3.4
NNE	.4	.7	.4									1.[illegible]	[illegible]
NE	.6	2.0	.7									3.4	[illegible].2
ENE	1.3	6.0	4.5	1.1								12.[illegible]	[illegible].7
E	.9	2.6	4.5	1.1								9.[illegible]	7.2
ESE		.4	.2	.2								.[illegible]	7.[illegible]
SE	.2	.2		.2								.[illegible]	7.[illegible]
SSE	.2			.2								.4	7.[illegible]
S	.4	.7	.4									1.[illegible]	[illegible].[illegible]
SSW	.4	1.9	2.0	.6								4.[illegible]	7.[illegible]
SW	.2	1.3	2.2									3.7	7.3
WSW	1.3	3.2	1.7	.6								[illegible].7	5.2
W	1.1	3.5	8.8	3.9	.2							17.[illegible]	[illegible].5
WNW	1.9	6.3	4.3	1.9	.2							14.[illegible]	7.1
NW	1.5	2.4	1.7	.2								[illegible].[illegible]	[illegible].3
NNW	1.1	1.1	.2									2.4	4.2
VARBL	.4	.2		.2	.2							.[illegible]	[illegible].2
CALM												11.[illegible]	
	12.7	33.7	31.5	10.1	.6							100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS [illegible]37

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

26197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15-17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7										1.3	5.7
NNE	.2	1.7	.4									2.3	4.3
NE	.2	2.4	2.4	.2								5.2	6.5
ENE	1.3	3.2	6.0	2.1								12.6	7.4
E	.6	3.6	5.4	1.1								10.7	7.4
ESE	.2	.2	.4									.7	7.0
SE			.4									.4	7.5
SSE				.2								.2	12.0
S		.6	.6									1.1	8.2
SSW	.6	2.1	2.2	.6								5.4	7.0
SW	.7	2.4	1.9	.4								5.4	6.0
WSW	.6	3.4	2.1	.6								6.6	6.8
W	2.2	5.4	6.2	2.8	.4	.2						17.2	7.3
WNW	1.5	2.4	5.2	1.5								10.7	7.3
NW	1.3	2.4	1.5		.2							5.4	5.7
NNW		2.2	.2									2.4	5.3
VARBL	.2	.6		.7								1.5	9.1
CALM												10.9	
	10.1	33.3	34.8	10.1	.6	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 534

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197	BAD TOLZ GERMANY AAF	65-70	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1 - 24
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.4										1.0	3.4
NNE	.6	.4										1.0	3.4
NE	.2	1.0	.4									1.6	5.4
ENE	1.2	5.2	4.1	.2								10.7	5.3
E	1.9	7.6	4.9	.4								14.8	5.5
ESE	.6		.2	.2								1.0	4.6
SE	.4	.2										.6	3.0
SSE		.2										.2	4.0
S	.2	1.4	.2									1.8	5.0
SSW	1.2	3.1	1.4	.4								6.0	4.6
SW	1.4	2.9	2.1	.2								6.6	4.4
WSW	1.4	4.5	2.7									8.7	4.7
W	2.1	4.9	5.2	1.9	.6							14.8	7.4
WNW	1.2	2.5	2.1	.6								6.4	5.1
NW	1.9	2.3	.4									4.6	3.8
NNW	.8		.2		.2							1.2	6.5
VARBL	.2	.2										.4	4.0
CALM												12.4	
	16.1	36.9	23.9	3.9	.8							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 485

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-68 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21 -23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	.9											.9	2.0
ENE		.9										.9	4.0
E	.9	4.7	.9									6.5	4.0
ESE													
SE	.9	.9										1.8	3.5
SSE	.9	.9										1.8	3.0
S	2.8	2.8										5.6	3.7
SSW	2.8	10.4	1.9									15.1	5.1
SW		7.5										7.5	5.5
WSW	.9	5.7	2.8									9.4	5.2
W	1.9	2.8	.9									5.6	5.0
WNW													
NW	3.8											3.8	2.5
NNW		.9										.9	4.0
VARBL													
CALM												39.4	
	16.0	37.7	6.6									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 156

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197	BAD TOLZ GERMANY AAF	66-68	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E		2.6										2.6	4.0
ESE													
SE													
SSE													
S	2.6	5.1										7.7	4.0
SSW	2.6	5.1										7.7	3.7
SW	5.1	7.7										12.8	4.2
WSW		7.7										7.7	4.0
W	5.1	5.1	2.6									12.8	4.0
WNW	2.6	2.6										5.1	4.0
NW													
NNW													
VARBL													
CALM												43.6	
	17.9	35.9	2.6									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 39

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5										.[illegible]	4.[illegible]
NNE													
NE													
ENE		1.5										1.[illegible]	[illegible].7
E	.5		.5									1.[illegible]	4.[illegible]
ESE	1.5	.5										2.[illegible]	3.[illegible]
SE	.5											.[illegible]	2.[illegible]
SSE													
S	5.0	1.5										6.[illegible]	2.[illegible]
SSW	4.0	6.0	4.5									14.[illegible]	5.[illegible]
SW	3.5	7.0	1.5									12.[illegible]	4.[illegible]
WSW	4.0	6.5	1.0									11.[illegible]	4.[illegible]
W	2.0	2.5	1.5	.5								6.[illegible]	[illegible].[illegible]
WNW	.5	.5										1.[illegible]	3.[illegible]
NW		1.0										1.[illegible]	[illegible].[illegible]
NNW	1.0											1.[illegible]	2.[illegible]
VARBL	.5											.[illegible]	2.[illegible]
CALM												39.7	
	23.1	27.6	9.0	.5								100.[illegible]	2.7

TOTAL NUMBER OF OBSERVATIONS 199

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) Y (MONTH)

ALL WEATHER (CLASS) 6 Y- (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	11.
NNE	.4											.4	2.
NE	.2											.2	3.
ENE	.9	.4	.6									1.9	5.1
E	.4	1.3	.9									2.6	5.
FSE	.7											.7	2.7
SE	.4											.4	2.5
SSE		.2										.2	4.
S	2.2	2.0	.4	.3								5.2	3.
SSW	2.6	7.4	1.7	.6								12.3	5.0
SW	2.8	5.4	1.3									9.5	4.7
WSW	2.0	6.5	2.0									10.4	5.2
W	1.7	6.0	4.3	.6								12.6	4.4
WNW	.9	2.0	1.5	.2								4.7	6.2
NW	.7	.4	.2									1.3	2.5
NNW	.2											.2	2.
VARBL	.4	.4										.7	2.5
CALM												36.3	
	16.6	32.0	12.8	2.0								100.	3.4

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1										2.4	3.[illegible]
NNE	.6	.4	.6									1.[illegible]	3.[illegible]
NE	1.1	1.1	1.3									3.[illegible]	[illegible].4
ENE	.7	3.0	2.4									[illegible].1	[illegible]
E	.6	3.0	2.6	1.7								7.[illegible]	7.4
ESE	.6	.2	.4									1.1	[illegible]
SE	.2											.2	3.0
SSE	.2											.2	3.[illegible]
S	.2	.9	.6									1.7	[illegible].3
SSW	.9	1.3	3.5	.6								6.3	7.[illegible]
SW	1.3	3.0	.9									5.2	4.[illegible]
WSW	1.1	3.7	2.4	.4								7.[illegible]	.2
W	2.0	4.5	7.6	1.1								15.3	7.[illegible]
WNW	1.1	5.2	3.5	.2								10.1	[illegible].4
NW	1.3	2.4	1.1									4.[illegible]	5.[illegible]
NNW	.9	1.7	.4									3.[illegible]	4.[illegible]
VARBL	1.5	1.3										2.[illegible]	3.[illegible]
CALM												20.[illegible]	
	15.6	32.8	27.4	3.9								100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]37

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE, MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.1	.9									3.	[illegible]
NNE	1.1	.9	.4									2.5	4.[illegible]
NE	.6	2.1	1.3									4.[illegible]	[illegible]
ENE	1.3	3.8	7.0	.8								12.9	7.[illegible]
E	.2	2.7	7.8	2.3								12.9	[illegible]
ESE		.6		.2								.9	7.[illegible]
SE	.2	.2	.2									.6	[illegible]
SSE	.4	.2										.6	[illegible]
S	1.1	.6	.9	.6								3.2	4.[illegible]
SSW	.2	.9	1.1	.2								2.5	7.[illegible]
SW	1.1	1.3	1.3									3.[illegible]	[illegible]
WSW	.8	2.3	3.4	.6	.2							7.2	7.[illegible]
W	2.1	4.2	5.3	.8								12.3	[illegible]
WNW	1.5	4.2	3.2	.6								9.[illegible]	[illegible]
NW	1.1	2.8	1.3	.4								5.7	[illegible]
NNW	.6	1.9	.2									2.7	6.4
VARBL	1.3	.4	.2	.4								2.[illegible]	4.[illegible]
CALM												12.7	
	14.6	31.1	34.7	6.6	.2							100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 527

USAFETAC FORM AA 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06197	BAD TOLZ GERMANY AAF	65-70	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

15 -17
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.6										1.6	3.1
NNE	.6	1.2	.6									2.3	5.0
NE	.8	1.9	1.5									4.3	5.7
ENE	.6	4.0	7.5	2.5	.2							14.8	8.2
E	.2	3.6	7.5	2.3								13.6	8.4
ESE	.2	.2	.4									.8	3.5
SE		.4	.2									.6	4.3
SSE			.2									.2	5.0
S	.2	1.2	.8	.4								2.6	7.8
SSW	.2	2.9	2.9	.6								6.6	7.3
SW	.8	2.9	1.2									4.8	5.2
WSW	1.2	2.5	1.7	.4	.2							6.0	6.6
W	2.1	2.7	4.8	1.0	.2							11.7	7.2
WNW	1.5	5.0	3.5	.6	.2							10.7	6.6
NW	.8	2.5	1.3	.2								4.8	5.7
NNW	.4	1.0	.6									1.9	5.4
VARBL	1.3	1.0	.2	.2								2.7	4.4
CALM												10.4	
	11.7	33.4	35.7	8.1	.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 521

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1, -2 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3										.6	4.
NNE	.3	1.3										.6	4.2
NE	.3	2.0										2.3	4.
ENE	1.5	8.1	6.6	.3								16.5	4.4
E	1.5	8.4	7.9	.8								18.6	4.5
ESE		.5	.3									.8	4.
SE	.3	.5										.8	3.
SSE	.3	.3										.6	3.5
S	.8	.8	.5	.3								2.3	4.
SSW	1.5	3.8	1.8	.5								7.6	4.
SW	1.0	4.3	2.0									7.4	3.8
WSW	.8	4.1	2.3									7.1	3.
W	1.5	2.8	3.6	1.5	.3							9.7	7.
WNW	1.3	2.0	2.5	.5								6.1	6.2
NW	1.5	.8	.3									2.5	3.4
NNW	.5	.5	.5									1.6	4.5
VARBL	1.3	.8										2.	3.1
CALM												12.	
	14.5	41.2	28.	2.8	.3							100.	5.3

TOTAL NUMBER OF OBSERVATIONS 393

USAFETAC FORM 0-8-5 (OL-1) JUL 57 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-66 (YEARS) Y (MONTH)

ALL WEATHER (CLASS)

21 -23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.7											1.7	3.
NE													
ENE		1.7	1.7									3.3	4.5
E	5.0	3.3										8.3	3.8
ESE													
SE		1.7										1.7	4.
SSE													
S	1.7											1.7	2.
SSW	5.0	6.7	1.7	1.7								15.	3.6
SW	3.3	5.0										8.3	4.4
WSW		6.7	1.7									8.3	3.
W	3.3	6.7										10.	3.7
WNW	1.7											1.7	2.
NW	1.7											1.7	2.
NNW	1.7											1.7	2.
VARBL													
CALM												36.7	
	25.0	31.7	5.0	1.7								100.	2.

TOTAL NUMBER OF OBSERVATIONS 5

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) ____ 67-69 (YEARS) ____ (MONTH)

ALL WEATHER (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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		11.1										11.1	[illegible]
SSW	22.2	11.1										33.3	[illegible]
SW		22.2										22.2	[illegible]
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												33.3	
	22.2	44.4										100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 9

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 BAD TOLZ GERMANY AAF 65-69 3 -
STATION STATION NAME YEARS MONTH

ALL WEATHER
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													
NNE													
NE	.5											.5	7.
ENE													
E	.5		1.0									1.5	7.7
ESE	.5											.5	7.
SE													
SSE	.5											.5	3.
S	4.4	3.9										8.3	3.5
SSW	8.3	6.8	.5									15.5	5.
SW	3.9	6.8										10.7	4.7
WSW	3.4	4.4	1.9	1.0								10.7	5.2
W	1.0	2.9	2.4	1.0								7.3	5.7
WNW	.5	1.5										1.9	3.
NW													
NNW													
VARBL	.5	.5										1.1	4.1
CALM												41.7	
	23.8	26.7	5.8	1.9								100.2	2.6

TOTAL NUMBER OF OBSERVATIONS 2.1

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEAR) ____ (MONTH)

ALL WEATHER (CLASS) 06 - (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.2
NNE	.4											.4	2.0
NE	.6	.4										1.0	3.2
ENE	.2	.6	1.0									1.7	4.7
E	.2	.2	.2									.6	3.7
ESE	.2											.2	3.0
SE	.2	.2										.4	2.5
SSE			.2									.2	7.0
S	2.1	1.1	.2									3.4	3.5
SSW	3.6	4.6	.6									8.8	4.2
SW	2.9	6.9	1.7									11.5	4.4
WSW	4.2	6.1	2.5	.2								13.0	4.6
W	1.9	5.6	2.1	1.1								10.7	4.6
WNW	1.5	1.7	.4									3.6	4.1
NW	1.0	.8										1.7	3.7
NNW	1.3											1.3	2.3
VARBL	1.1	1.0										2.1	3.0
CALM												30.3	
	27.2	29.1	8.8	1.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 322

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-79 (YEARS) (MONTH)

ALL WEATHER (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	1.1										2.1	
NNE	.6	.6	.4									1.6	
NE	1.1	1.9	.8									3.8	
ENE	1.0	1.7	3.3	.4								6.3	
E	.6	1.3	1.7	.2								3.8	
ESE	.2	.2										.4	
SE													
SSE													
S	.6	.2										.8	
SSW	2.1	1.9	.4									4.4	
SW	.6	2.1	.2									2.9	
WSW	1.9	3.4	1.5	1.1	.2							8.2	
W	1.7	6.3	3.8	.4	.2							12.4	
WNW	2.9	4.6	3.1	.6								11.1	
NW	1.9	3.1	.8	.2								5.9	
NNW	1.1	1.7	.6									3.4	
VARBL	1.7	1.1										2.9	
CALM												29.9	
	19.0	31.4	16.5	2.9	.4							100.2	

TOTAL NUMBER OF OBSERVATIONS 522

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.1	.4									5.1	4.[illegible]
NNE	1.2	1.4	.2									2.7	3.7
NE	.8	2.1	2.7	.4								6.[illegible]	5.7
ENE	.4	4.1	4.1	1.2								9.[illegible]	7.3
E	1.8	2.1	5.5	1.6								10.[illegible]	7.4
ESE		.6	.2									.[illegible]	[illegible].7
SE													
SSE													
S	.8	.2										1.[illegible]	2.[illegible]
SSW	.6	1.4	1.0	.4								3.[illegible]	[illegible].[illegible]
SW	1.2	2.0	1.4									4.[illegible]	[illegible].[illegible]
WSW	1.2	2.1	1.6									4.[illegible]	[illegible].[illegible]
W	2.5	5.5	3.5	1.4	.4							13.3	[illegible].7
WNW	1.0	4.3	3.9	.2								9.4	[illegible].4
NW	2.0	2.9	1.4	.2								6.4	3.4
NNW	1.3	2.7	.2	.4								[illegible].1	4.[illegible]
VARBL	2.1	2.0	.2									4.[illegible]	3.7
CALM												12.[illegible]	
	18.8	36.[illegible]	26.2	5.7	.4							100.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 512

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15 -17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.0	.2									3.[illegible]	4.[illegible]
NNE	1.2	1.6	.2									3.[illegible]	4.1
NE	1.0	2.2	1.8									4.[illegible]	[illegible]
ENE	1.4	3.7	3.9	1.8	.2							11.[illegible]	7.[illegible]
E	.8	6.1	7.3	1.6	.2							16.[illegible]	7.[illegible]
ESE	.2	.6	.2									1.[illegible]	[illegible]
SE	.2	.2										.4	4.[illegible]
SSE	.4											.4	3.[illegible]
S	.8	.2	.4									1.4	4.7
SSW	1.2	1.6	2.0	.6								5.[illegible]	5.4
SW	1.0	2.0	1.8									4.7	6.1
WSW	1.4	2.0	1.2	.2								4.7	5.4
W	2.0	4.9	3.7	1.0								11.[illegible]	[illegible].4
WNW	1.4	4.1	1.8	.8								[illegible].1	[illegible].[illegible]
NW	1.2	3.2	1.6									5.[illegible]	[illegible].7
NNW	.4	2.6	.6									3.[illegible]	[illegible].1
VARBL	2.2	1.0										3.[illegible]	3.1
CALM												10.[illegible]	
	17.4	38.9	28.6	5.9	.4							100.[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS 3.7

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

1[illegible]-2[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - //	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.2	.3									3.[illegible]	3.[illegible]
NNE		.6	.6									1.2	5.[illegible]
NE	.3	2.7	.6									3.[illegible]	5.[illegible]
ENE	2.4	7.7	3.8	.3								14.[illegible]	5.[illegible]
E	1.8	6.8	4.7	.9	.6							14.[illegible]	[illegible].[illegible]
ESE	.3											.[illegible]	2.[illegible]
SE	.3	.3										.[illegible]	3.[illegible]
SSE													
S	.3	.9	1.5	.3	.3							3.3	[illegible].[illegible]
SSW	1.2	4.1	3.6	.6								9.[illegible]	6.[illegible]
SW	2.1	3.3	1.5									6.[illegible]	5.[illegible]
WSW	1.8	4.1	.6	.3								6.[illegible]	[illegible].[illegible]
W	1.5	2.1	2.7	.3								6.[illegible]	6.[illegible]
WNW	.3	1.2	1.5	.3		.3						3.[illegible]	[illegible].[illegible]
NW	1.2	2.1	.6									3.[illegible]	4.2
NNW	1.2	1.9	.3									3.3	3.[illegible]
VARBL	1.8	1.2	.9									3.[illegible]	4.2
CALM												15.1	
	17.8	39.9	23.1	3.0	.9	.3						100.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 33

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-68 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21 -23 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.1											9.1	2.
NNE													
NE													
ENE		9.1										9.1	5.
E													
ESE													
SE													
SSE													
S	9.1											9.1	3.
SSW		27.3										27.3	4.
SW													
WSW													
W	9.1	9.1										18.2	3.
WNW		9.1										9.1	4.
NW													
NNW													
VARBL													
CALM												18.2	
	27.3	54.5										100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 11

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5											.5	2.
NNE													
NE	.5											.5	3.
ENE	.9											.9	3.
E	1.4	.5										1.9	3.
ESE	.5											.5	2.
SE													
SSE		.9										.9	4.
S	1.8	4.5	.5	1.4								8.1	5.2
SSW	3.6	7.2	2.3									13.1	4.6
SW	4.5	6.3	1.8									12.7	4.4
WSW	1.4	5.4	1.4									8.1	4.
W	2.3	2.7	1.8									6.8	5.2
WNW			.5									.5	7.
NW	.5	.9										1.4	3.3
NNW		.5	.5									.9	4.
VARBL													
CALM												43.4	
	17.6	29.0	8.6	1.4								100.	3.4

TOTAL NUMBER OF OBSERVATIONS 221

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

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (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	.4	.2										.6	3.3
NNE	.2											.2	3.0
NE	.6											.6	2.7
ENE	.4	1.2	.2	.2								2.0	5.7
E	.8	1.0										1.8	4.4
ESE		.2										.2	4.0
SE													
SSE	.6	.2										.8	3.5
S	1.6	2.0	.4									4.0	4.5
SSW	2.6	5.9	2.2	.4								11.1	6.2
SW	2.8	7.9	1.4									12.1	4.7
WSW	5.3	5.5	1.6	.2								13.7	4.2
W	2.2	3.2	3.2	.2								8.7	5.7
WNW	.2	1.0	.6									1.8	4.7
NW	.2	.4	.4	.2								1.2	7.0
NNW													
VARBL	.6	.6										1.2	3.2
CALM												39.2	
	19.4	30.3	9.9	1.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 35

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24.97 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

ALL WEATHER CLASS — 09 -11 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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									[illegible]	[illegible]
NNE	.8	.6										[illegible].4	3.3
NE	1.4	2.6	.8	.2								[illegible].8	[illegible].4
ENE	.4	3.6	3.0	.4								7.2	[illegible]
E	1.2	2.8	2.8	.6								7.2	[illegible]
ESE		.6										[illegible].4	4.2
SE													
SSE	.2	.2										.4	3.[illegible]
S		.2	.4	.2								[illegible]	[illegible]
SSW	.6	1.6	1.0									3.[illegible]	[illegible].[illegible]
SW	3.0	3.4	.6									[illegible].[illegible]	4.3
WSW	3.0	4.0	1.8									[illegible].7	4.7
W	2.6	5.0	6.1	.8								14.[illegible]	[illegible].5
WNW	3.0	3.8	1.4	.4								[illegible].[illegible]	[illegible].[illegible]
NW	1.6	2.0	.8									4.4	4.7
NNW	1.0	1.2										2.2	3.4
VARBL	1.4	.8	.2	.2								[illegible].4	4.2
CALM												25.[illegible]	
	21.0	32.3	19.0	2.8								100.[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible].5

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) 4 (MONTH)

ALL WEATHER (CLASS)

12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.9	.2									4.5	4.7
NNE	.4	1.7	.4									2.5	4.5
NE	.8	2.9	2.1									5.8	5.1
ENE	1.7	2.7	5.6	.2								10.1	4.4
E		1.9	6.0	1.0								8.9	5.1
ESE		.4										.4	4.5
SE													
SSE		.4										.4	5.5
S		.8	.2									1.0	5.0
SSW	.2	2.5	1.9									4.5	6.4
SW	.4	3.3	1.2									4.9	5.7
WSW	1.9	1.4	1.0									4.3	4.0
W	1.4	5.0	2.3	1.7								10.3	5.8
WNW	2.1	4.8	3.1									9.9	5.4
NW	1.4	5.2	2.9									9.5	5.5
NNW	1.2	3.7	.4									5.4	4.3
VARBL	1.7	1.9		.2								3.7	4.0
CALM												13.4	
	13.0	42.4	27.3	3.1								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 484

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 (STATION) 8AB TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) — (MONTH)

ALL WEATHER (CLASS)

— (CONDITION)

15 -1 (HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.6	.4	.2								5.[illegible]	4.4
NNE	.4	.7	.4									1.[illegible]	[illegible].3
NE	.4	2.0	2.0									4.4	[illegible].7
ENE	.4	4.4	3.1	.7								[illegible].[illegible]	4.4
E	2.0	4.8	7.0	1.5								15.4	7.1
ESE	.4		.4									.9	[illegible].[illegible]
SE	.2	.2										.4	4.5
SSE	.4	.4	.2	.2								1.[illegible]	[illegible].[illegible]
S	.7	1.3	.7									2.[illegible]	[illegible].1
SSW	.9	3.5	2.2	.2								6.[illegible]	[illegible].[illegible]
SW	.2	2.9	1.1									4.2	[illegible].[illegible]
WSW	1.1	2.0	1.8	.2								[illegible].[illegible]	[illegible].[illegible]
W	1.5	3.9	2.0	.2								7.7	3.6
WNW	2.9	5.3	2.4									10.[illegible]	4.9
NW	2.4	2.6	1.5									6.[illegible]	4.7
NNW	1.3	3.1	.7									[illegible].[illegible]	[illegible].[illegible]
VARBL	1.3	1.8	.2	.2								3.5	4.3
CALM												10.[illegible]	
	18.4	41.4	26.1	3.5								100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 456

USAFETAC FORM 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197	BAD TOLZ GERMANY AAF	65-70	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]-2 [illegible]
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2										1.2	4.5
NNE		.3										.3	[illegible]
NE	.3	1.5	.9									2.7	5.7
ENE	1.8	9.7	2.7									14.2	5.9
E	2.1	10.9	2.1									15.[illegible]	[illegible]
ESE	.9	.9										1.8	4.2
SE	.3											.3	3.[illegible]
SSE													
S	1.2	1.5	.9									3.6	4.6
SSW	1.5	5.0	2.7	.3								9.4	5.1
SW	1.2	3.8	1.2									6.2	4.9
WSW	2.1	3.2	2.7									8.[illegible]	5.3
W	1.2	1.8	1.5	.6								5.[illegible]	5.5
WNW	.6	2.7	1.5									4.7	5.[illegible]
NW	1.5	1.2	.3									2.9	4.1
NNW	1.2	1.8										2.9	3.5
VARBL	.9	.6	.6	.3								2.4	4.1
CALM												19.[illegible]	
	16.5	46.0	16.8	1.2								100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 339

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (YEARS) X (MONTH)

ALL WEATHER (CLASS) 21[illegible]-23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE		25.0										25.[illegible]	4.[illegible]
E													
ESE													
SE													
SSE													
S				75.0								75.[illegible]	13.3
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.[illegible]	
		25.0		75.0								100.[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS 4

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (YEARS) 3 (MONTH)

ALL WEATHER (CLASS) 00-02 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	50.0											50.0	2.
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	50.0	
	50.0											100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 2

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(HOURS (EST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4										.8	3.5
NNE													
NE	.4											.4	2.0
ENE	.4	.4	.4									1.2	4.7
E	1.6	.4	.4									2.5	3.5
ESE	2.5											2.5	2.2
SE		.4										.4	4.0
SSE	.8	.4										1.2	2.7
S	4.9	2.1	.4									7.4	3.3
SSW	4.9	5.3	2.9	.8								14.0	3.1
SW	2.5	6.2	2.5									11.1	3.2
WSW	1.6	7.4	2.5									11.5	3.2
W	1.6	3.3	.8	.4								6.2	4.3
WNW	.4	.8										1.2	3.3
NW	.4											.4	2.0
NNW													
VARBL	1.6	.8										2.5	3.0
CALM												36.5	
	24.3	28.0	9.9	1.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 243

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

ALL WEATHER CLASS

[illegible] HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4											.4	2.5
NNE	.4	.6										.9	3.0
NE	.6											.6	2.3
ENE	.6	.9	.6									2.1	5.0
E	.6	.2	.7	.2								1.7	5.1
ESE	.4	.2	.2									.7	4.0
SE	.7	.2										.9	2.4
SSE	1.3											1.3	2.4
S	3.4	3.2	.7									7.3	4.1
SSW	3.6	6.9	2.2	.4								13.1	5.1
SW	3.7	6.9	2.4									13.1	4.9
WSW	2.2	5.8	1.9	.2								10.1	4.9
W	1.5	1.5	2.8									5.9	5.9
WNW	1.3	1.3	.6									3.2	4.3
NW	.2		.4									.6	5.7
NNW	.7	.2	.2									1.1	3.5
VARBL	1.1	.7										1.9	3.0
CALM												35.2	
	22.7	28.7	12.7	.7								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 534

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3										2.1	4.1
NNE	.9	1.1										2.1	3.7
NE	.9	2.1	.7									3.7	5.
ENE	.9	3.0	2.4	.4								6.7	6.2
E	1.1	1.3	1.1	.2								3.7	5.
ESE	.2	.4										.6	3.7
SE													
SSE	.4											.4	2.
S	.7	.6	.2		.2							1.7	5.7
SSW	.9	2.6	2.1	.4								6.	5.4
SW	2.4	3.7	1.3									7.3	4.3
WSW	2.4	3.9	2.1	.4								8.3	5.4
W	3.2	5.2	3.6	.7								12.7	5.7
WNW	3.0	4.1	1.5									8.6	4.7
NW	1.7	2.1	.6									4.3	4.7
NNW	1.1	.7										1.9	3.4
VARBL	2.4	.7										3.2	3.1
CALM												26.	
	23.2	33.0	15.5	2.1	.2							100.	3.

TOTAL NUMBER OF OBSERVATIONS 534

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12[illegible]-14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.0	.3									2.3	3.[illegible]
NNE	1.4	2.3	1.2									4.[illegible]	4.[illegible]
NE	1.2	3.1	2.9									7.1	5.[illegible]
ENE	.8	4.1	4.2	.8								9.[illegible]	6.[illegible]
E	1.0	2.9	2.9	.2								6.[illegible]	6.[illegible]
ESE		.2	.2									.4	5.[illegible]
SE	.4											.4	3.[illegible]
SSE	.2											.2	3.[illegible]
S	.2	.6	.8	.2								1.7	7.[illegible]
SSW	.6	2.3	1.5	.2								4.6	5.1
SW	.4	1.0	1.0	.2	.2							2.7	7.[illegible]
WSW	1.0	3.3	1.4	.4								6.[illegible]	5.[illegible]
W	1.2	6.0	2.9									10.[illegible]	5.4
WNW	3.5	6.8	2.9	.4								13.5	8.3
NW	1.9	3.9	.4									6.2	4.1
NNW	1.9	1.5	.6									4.1	4.1
VARBL	1.9	1.7	.2									3.9	3.9
CALM												15.3	
	18.5	40.5	23.2	2.3	.2							100.[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 51[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15 C-17 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.9										4.9	3.7
NNE	.8	2.6	.6									4.1	4.7
NE	1.2	3.7	1.0									5.9	4.
ENE	1.2	6.9	8.1									16.3	[illegible]
E	1.4	3.5	4.7	.4								10.[illegible]	5.4
ESE		.2										.2	4.[illegible]
SE													
SSE	.2											.[illegible]	3.[illegible]
S	1.0	1.0		.2	.2	.2						2.6	7.1
SSW	.4	3.1	3.2									6.7	6.7
SW	.2	2.9	1.4									4.5	5.5
WSW	1.2	4.3	.8									[illegible].3	4.8
W	1.2	2.4	3.1	1.0								7.7	7.[illegible]
WNW	1.6	4.5	1.2	.4								7.7	5.1
NW	2.2	2.2	.2									4.7	3.5
NNW	1.2	1.2	.6									3.1	4.4
VARBL	1.6	1.2										2.9	3.4
CALM												12.2	
	17.7	42.6	25.1	2.0	.2	.2						100.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS 491

USAFETAC FORM JUL 64 0 8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

ALL WEATHER (CLASS)

1[illegible]-2[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.8										1.9	2.3
NNE	.3	.5										[illegible]	[illegible]
NE	.8	2.7	.5									4.[illegible]	4.9
ENE	2.4	7.7	2.9									13.1	[illegible]
E	2.1	9.6	3.5									15.2	5.4
ESE	.3	.5										.[illegible]	4.3
SE	.5											.[illegible]	2.5
SSE	.3	.5										.[illegible]	3.3
S	1.9	.3	1.1									3.[illegible]	4.5
SSW	2.4	4.3	2.7									9.[illegible]	5.[illegible]
SW	4.0	3.7	2.9									10.[illegible]	4.9
WSW	2.4	4.0	2.4									8.[illegible]	5.3
W	2.1	2.1	1.1	.3								5.[illegible]	4.3
WNW	1.9	1.3	.5	.3								4.[illegible]	4.9
NW	1.6	.8										2.4	2.9
NNW	.3			.3								.5	7.[illegible]
VARBL	1.3	1.3										2.[illegible]	3.4
CALM												15.2	
	25.6	40.8	17.6	.8								100.[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS 375

USAFETAC FORM XXL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-69 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21[illegible]-23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	6.7	6.7										13.3	4.[illegible]
ESE													
SE													
SSE													
S													
SSW		13.3	6.7									2[illegible].[illegible]	6.3
SW		13.3										13.3	5.[illegible]
WSW		6.7										6.7	5.[illegible]
W		6.7										6.7	5.[illegible]
WNW			6.7									6.[illegible]	1[illegible].[illegible]
NW													
NNW													
VARBL													
CALM												33.3	
	6.7	46.7	13.3									1[illegible].[illegible]	3.9

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

26197 BAD TOLZ GERMANY AAF 66-67,69 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	3,2											3,2	3,0
ENE	3,2											3,2	2,0
E		3,2										3,2	4,
ESE		3,2										3,2	4,
SE													
SSE													
S		3,2										3,2	4,0
SSW	3,2		3,2									6,5	4,5
SW	6,5											6,5	2,5
WSW	3,2	3,2										6,5	4,0
W	3,2	6,5										9,7	4,0
WNW													
NW													
NNW													
VARBL	3,2											3,2	2,0
CALM												51,6	
	25,8	19,4	3,2									100,0	1,7

TOTAL NUMBER OF OBSERVATIONS 31

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) (MONTH)

ALL WEATHER (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													
NNE	.4											.4	3.[illegible]
NE	.4											.4	7.[illegible]
ENE	.4	2.1										2.[illegible]	4.[illegible]
E	1.7	.8	.4									3.[illegible]	3.7
ESE													
SE	1.3											1.3	3.[illegible]
SSE	1.3	.4										1.[illegible]	3.[illegible]
S	4.7	6.4	.4									11.4	3.3
SSW	4.2	5.9	.8	.4								11.4	4.4
SW	3.4	6.8	.8									11.[illegible]	4.3
WSW	2.1	3.8	.8									6.[illegible]	4.2
W	.8	3.8	.4	.8								5.9	5.7
WNW	.4			.8								1.[illegible]	10.7
NW	.8											.[illegible]	2.[illegible]
NNW			.4									.4	3.[illegible]
VARBL	1.3	.4										1.[illegible]	3.3
CALM												39.[illegible]	
	23.3	30.5	4.2	2.1								100.[illegible]	2.7

TOTAL NUMBER OF OBSERVATIONS 236

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											.2	3.[illegible]
NNE	.2											.2	2.[illegible]
NE	.4	.2	.2									.[illegible]	4.5
ENE	1.8	1.0	.2									3.[illegible]	3.[illegible]
E	.8	2.0	.8									3.[illegible]	3.1
ESE	.8											.[illegible]	2.[illegible]
SE	.8											.[illegible]	2.2
SSE	1.2	.4										1.[illegible]	2.[illegible]
S	3.6	3.4	.8	.2								7.[illegible]	4.[illegible]
SSW	3.4	4.0	1.8	.4								[illegible].[illegible]	4.9
SW	3.0	5.3	.6									9.1	4.2
WSW	2.8	6.1	1.2									10.1	4.4
W	1.6	3.0	1.2	.2								5.[illegible]	5.4
WNW	.4	.2										.[illegible]	3.[illegible]
NW	.2											.2	2.[illegible]
NNW	.2											.2	3.[illegible]
VARBL	1.6											1.[illegible]	2.1
CALM												44.1	
	22.7	25.7	6.7	.8								100.[illegible]	2.5

TOTAL NUMBER OF OBSERVATIONS 5,6

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS)

[illegible]-11 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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										.[illegible]	3.7
NNE	.8	.4										1.[illegible]	3.[illegible]
NE	.8	2.7	.2									3.[illegible]	4.[illegible]
ENE	.8	3.6	2.5	.4								7.2	5.1
E	.4	2.5	2.5	.4								5.7	5.7
ESE	.4		.2									.[illegible]	4.[illegible]
SE	.4											.4	2.[illegible]
SSE													
S	.6	1.3	.8	.4								3.[illegible]	6.4
SSW	1.7	2.3	2.3	.2								6.4	6.[illegible]
SW	1.3	1.9	.9									4.2	4.[illegible]
WSW	1.7	3.6	1.5									6.9	5.4
W	2.1	3.2	2.7	1.1								9.1	6.4
WNW	2.7	2.3	.8									5.7	4.2
NW	.9	1.9	.2	.2								3.2	4.[illegible]
NNW	.6	.6										1.1	3.7
VARBL	2.3	.2										2.[illegible]	2.[illegible]
CALM												38.[illegible]	
	17.6	26.5	16.4	2.7								100.[illegible]	3.3

TOTAL NUMBER OF OBSERVATIONS 525

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | SEP MONTH

ALL WEATHER CLASS | 12 -14 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4										2.2	4.[illegible]
NNE	.8	1.6	.2									2.[illegible]	4.4
NE	1.4	3.7	1.8	.2								7.1	[illegible]
ENE	1.4	6.5	6.3	1.6								15.[illegible]	7.[illegible]
E	.4	2.2	5.7	1.8								1[illegible].1	[illegible].2
ESE			.4									.4	7.[illegible]
SE													
SSE	.2											.2	2.
S		1.6	.6	.4								2.[illegible]	7.[illegible]
SSW		1.2	1.2									2.4	6.4
SW		.6	.6									1.2	[illegible].[illegible]
WSW	1.8	1.2	.2									3.2	3.[illegible]
W	1.4	3.6	3.6	1.0								9.5	7.[illegible]
WNW	2.4	5.7	2.6	.2								10.[illegible]	5.[illegible]
NW	2.6	2.8	1.8	.2								7.3	4.[illegible]
NNW	1.8	.8										2.6	3.1
VARBL	2.0	1.4	1.0	.2								4.5	5.1
CALM												17.8	
	16.8	34.1	25.8	5.5								100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 5[illegible]7

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64,66-70 YEARS | F- MONTH

ALL WEATHER CLASS | 15-,-17 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.9	.2									2.9	3.-
NNE	.9	1.3										2.-	3.3
NE	.9	4.7	1.1									6.-	5.1
ENE	2.1	9.6	6.4	1.1								19.2	5.2
E	1.1	6.2	8.1	1.1								16.-	7.-
ESE	.2											.2	3.-
SE													
SSE													
S	.4	.4	.2	.2								1.3	5.-
SSW	.4	.9	.4									1.7	4.9
SW	.4	1.7	.4	.2								2.-	5.-
WSW	.9	1.3	1.1	.4								3.-	6.-
W	1.3	4.1	3.0	.9	.4							9.-	7.-
WNW	3.0	3.6	1.9									8.5	4.-
NW	2.8	2.4	.9									6.-	4.2
NNW	1.5	1.7										3.2	3.9
VARBL	1.9	.9	.4									3.2	4.1
CALM												12.6	
	19.4	39.5	24.1	3.8	.4							100.-	5.-

TOTAL NUMBER OF OBSERVATIONS 468

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-70 YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible]-2[illegible] HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.[illegible]
NNE	.3	.5										.[illegible]	4.[illegible]
NE	.5	1.3	.3									2.[illegible]	4.[illegible]
ENE	5.9	8.2	2.1	.3								16.[illegible]	4.[illegible]
E	6.4	10.1	1.8									1[illegible].[illegible]	4.[illegible]
ESE	1.0	.5	.3									1.[illegible]	3.9
SE	.5		.3									.[illegible]	3.7
SSE	.3											.[illegible]	[illegible].[illegible]
S	.5	.3	.3	.5								1.[illegible]	7.[illegible]
SSW	2.3	2.8	.5									5.7	4.4
SW	.8	3.1	.5									4.4	4.9
WSW	1.5	3.4	.5	.3								5.7	4.7
W	1.3	3.6	1.0	.3								6.2	5.[illegible]
WNW	1.0	1.3	.5									2.[illegible]	4.[illegible]
NW	1.5		.3									1.[illegible]	3.4
NNW	1.0	.3										1.3	2.[illegible]
VARBL	1.5	.3										1.[illegible]	2.4
CALM												27.3	
	27.6	39.6	8.2	1.3								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 3[illegible]8

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-67,69 (YEARS) -- (MONTH)

ALL WEATHER (CLASS) 21 -23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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		1.5									4.5	4.
NNE													
NE	1.5											1.5	3.
ENE	4.5	6.1										10.6	4.
E	4.5	1.5										6.1	3.
ESE													
SE													
SSE													
S	1.5	1.5										3.	3.
SSW	1.5	7.6										9.1	3.7
SW	1.5	6.1										7.	5.
WSW	3.0	3.0										6.1	4.
W		1.5	3.0									4.5	7.
WNW			1.5									1.5	9.
NW													
NNW													
VARBL	1.5											1.5	3.
CALM												43.9	
	22.7	27.3	6.1									100.	2.4

TOTAL NUMBER OF OBSERVATIONS 66

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 00-23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		50.0										50.0	5.0
SW		50.0										50.0	5.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												0.0	
		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) OCT (MONTH)

ALL WEATHER (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													
NNE													
NE	.4		.4									.8	4.5
ENE	1.3	1.3										2.5	3.3
E	1.7	.4	.4									2.5	3.3
ESE													
SE	.8	.4										1.3	3.3
SSE	1.7											1.7	2.5
S	1.7	5.9	.4	.4								8.4	4.9
SSW	4.2	4.6	2.9	.4								12.2	5.3
SW	1.7	5.0	2.5									9.2	5.5
WSW	2.1	2.5	2.5	.4								7.6	5.7
W	2.1	2.9	.8									5.9	4.9
WNW	.8											.8	2.5
NW													
NNW		.4										.4	5.0
VARBL	1.7											1.7	2.5
CALM												45.0	
	20.2	23.5	10.1	1.3								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 238

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

ALL WEATHER CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2										.2	4.0
NNE	.4											.4	2.5
NE	.2	.9	.2									1.3	4.3
ENE	1.1	1.1	.9									3.1	4.6
E	1.3	1.8	1.4	.2								4.7	5.4
ESE	1.1	.4										1.4	3.0
SE	.9	.2										1.1	2.3
SSE	.4	.2										.5	4.0
S	3.6	3.2	1.8	.2								8.8	4.5
SSW	3.4	6.1	3.1	.7								13.4	5.4
SW	2.3	5.1	2.2									9.4	5.0
WSW	2.0	3.6	3.1									8.7	5.3
W	1.3	2.0	1.8	.5								5.4	4.7
WNW	1.1	.5	.2	.2								2.0	4.7
NW													
NNW	.2	.4		.2								.7	3.5
VARBL	1.8	.2	.2									2.2	2.0
CALM												36.6	
	20.8	25.8	16.8	2.0								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 554

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 09-11 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2										1.7	3.2
NNE	.2	.5										.7	4.5
NE	1.3	1.3	.3									3.[illegible]	4.4
ENE	.8	1.8	1.5									4.2	5.[illegible]
E	1.0	1.0	2.7	.2								4.[illegible]	6.[illegible]
ESE	.8	.3		.2								1.[illegible]	4.3
SE	.3											.3	2.5
SSE	.3	.2		.2								.7	3.2
S	1.5	2.3	.3	.2								4.4	4.[illegible]
SSW	2.2	2.5	1.2	1.7								7.[illegible]	6.5
SW	2.8	5.0	1.2	.2								9.[illegible]	4.9
WSW	1.8	4.5	3.4									9.[illegible]	5.6
W	1.3	3.0	1.7	.8								6.[illegible]	5.9
WNW	1.5	1.8	.7									4.[illegible]	4.6
NW	.7	.3	.2									1.[illegible]	3.3
NNW	.5	.5										1.[illegible]	3.7
VARBL	3.0	.5	.7									4.2	3.4
CALM												35.[illegible]	
	20.8	27.0	13.7	3.4								100.[illegible]	3.4

TOTAL NUMBER OF OBSERVATIONS 597

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12[illegible]-14[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0										1.[illegible]	3.[illegible]
NNE	1.0	2.0										3.1	4.[illegible]
NE	2.6	2.7	2.0	.2								7.[illegible]	3.3
ENE	1.9	3.6	3.7	.5								9.7	5.4
E	1.5	3.2	2.2	1.2								8.2	5.7
ESE	.5											.[illegible]	3.[illegible]
SE	.2											.2	2.[illegible]
SSE	.2											.2	2.[illegible]
S	.9	.7		.2								1.7	4.4
SSW	.3	2.6	1.4	.3								4.[illegible]	5.4
SW	.5	2.6	.7									3.[illegible]	5.3
WSW	1.0	2.9	2.4	.2	.2							6.[illegible]	5.4
W	1.7	3.2	3.7	1.0	.2							9.9	5.[illegible]
WNW	2.0	5.6	1.2	.3								9.2	4.9
NW	1.7	1.5	.3	.2								3.7	4.3
NNW	.5	1.7		.2								2.4	4.7
VARBL	3.1	1.0	.5	.2								4.3	3.7
CALM												22.[illegible]	
	20.1	34.4	18.2	4.4	.3							100.[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS 567

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 16 -17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.7	.2									3.2	2.8
NNE	1.4	1.1										2.5	3.1
NE	3.0	4.2	.7									7.9	4.1
ENE	2.3	9.3	3.7	.5								15.9	5.4
E	1.8	4.8	3.2	1.2								11.0	6.5
ESE	.4	.4	.2									.9	5.0
SE	.2											.2	3.0
SSE	.2											.2	2.0
S	.5	.2	.4	.4								1.4	5.5
SSW	.7	.2	.9									1.8	5.7
SW	1.1	2.3	.7									4.1	4.0
WSW	1.9	3.0	1.8									6.7	5.0
W	1.6	2.8	2.1	1.1								7.6	6.5
WNW	2.3	3.4	.7	.2								6.5	4.6
NW	1.2	.9	.5									2.6	4.4
NNW	1.6	1.4										3.0	3.4
VARBL	2.6	.4	1.1									4.1	3.9
CALM												20.4	
	25.0	34.9	16.0	3.4								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 567

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 63-70 YEARS — MONTH

ALL WEATHER CLASS

1 - 2 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3										.6	3.5
NNE	.5											.5	2.0
NE	1.0	1.3										2.3	3.6
ENE	2.6	3.9	1.0									7.5	4.4
E	3.6	4.9	.8	.3								9.6	4.2
ESE	1.3											1.3	2.4
SE	.3	.3										.6	3.0
SSE	1.6											1.6	2.3
S	1.0	1.3	.3									2.6	4.1
SSW	2.1	3.4	.8	.3								6.6	4.2
SW	2.3	4.7	.5									7.5	4.3
WSW	2.9	4.2	.5									7.6	4.1
W	1.6	3.1	.8	.8								6.2	3.9
WNW	.5	1.3	.8	.3								2.9	5.2
NW	.5	.3										.8	3.0
NNW	.5											.5	3.0
VARBL	1.8	.5	.8									3.1	4.0
CALM												38.4	
	24.4	29.4	6.2	1.6								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 358

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (YEAR) [illegible] (MONTH)

ALL WEATHER (CLASS) 21 -23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	20.0											2[illegible]	3.[illegible]
SSW	20.0											2[illegible]	2.[illegible]
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6[illegible]	
	40.0											100.[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 5

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 BAD TOLZ GERMANY AAF 65-69 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

3 [illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	.7	.7										1.[illegible]	3.[illegible]
NNE		.4	.4									.[illegible]	6.[illegible]
NE	1.1	1.1	.4									2.[illegible]	4.[illegible]
ENE	1.1	3.4	1.5	.4								6.[illegible]	5.6
E	2.2	.7	1.5									4.[illegible]	5.3
ESE	2.2	.4										2.[illegible]	2.[illegible]
SE	.4											.4	2.[illegible]
SSE	.7	.4										1.1	4.[illegible]
S	1.5	2.6	.7	.7	.4							6.[illegible]	[illegible].8
SSW	2.2	4.1	2.2	.7								9.3	5.7
SW	1.1	3.4	1.9	.4								6.7	5.1
WSW	1.5	2.6	1.9	.7								6.7	5.4
W	1.1	2.6	2.2	.7								6.7	5.9
WNW	.7	2.6	.7									4.[illegible]	5.3
NW	.7	.7	.4									1.9	4.[illegible]
NNW													
VARBL	.7											.7	2.5
CALM												3.[illegible]1	
	19.3	25.7	13.8	3.7	.4							100.[illegible]	3.4

TOTAL NUMBER OF OBSERVATIONS 25[illegible]

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 6 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4											.4	2.5
NNE	.5	.4										.9	3.4
NE	.4	1.3										1.6	4.7
ENE	1.4	2.5	1.3	.4								5.4	5.5
E	2.2	1.4	1.1	.9								5.6	5.2
ESE	.7	.2	.2									1.1	2.9
SE	.2	.2										.4	3.0
SSE	1.1	.5										1.6	3.0
S	2.7	3.1	.9	.9	.2							7.8	5.6
SSW	3.1	3.1	3.4	.9								10.5	6.2
SW	1.6	6.0	1.3	.2								9.0	5.2
WSW	.4	1.8	2.5	.5	.2							5.3	7.9
W	1.4	4.0	3.8	1.4	.2							10.8	7.4
WNW	.2	1.1	1.1									2.3	6.5
NW	.4	.5										.9	3.6
NNW		.2										.2	5.0
VARBL	1.4	.2										1.6	2.7
CALM												33.9	
	18.1	26.4	15.9	5.2	.5							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 554

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											.2	2.[illegible]
NNE	.5	.3										.[illegible]	3.2
NE	.3	1.5	.3									2.2	5.1
ENE	.5	3.5	1.9	.7								6.[illegible]	6.[illegible]
E	1.5	2.0	1.7	.7								5.9	5.1
ESE	.8	.2	.5									1.[illegible]	3.[illegible]
SE	.5											.[illegible]	2.3
SSE	.5	.3										.[illegible]	2.[illegible]
S	1.9	1.7	.3	1.2	.3							5.4	7.1
SSW	1.5	3.4	1.5	1.2	.2							7.[illegible]	6.[illegible]
SW	1.3	3.5	1.7	.2								6.7	5.[illegible]
WSW	1.3	3.0	1.5	.8								6.7	6.2
W	2.2	3.2	5.6	2.4								13.3	7.4
WNW	.7	2.5	.7	.2								4.[illegible]	5.4
NW	.5	1.2										1.7	4.4
NNW	.2											.2	2.[illegible]
VARBL	2.2	.3		.2								2.7	3.1
CALM												32.9	
	16.7	26.8	15.7	7.4	.5							100.[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS 393

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14197	BAD TOLZ GERMANY AAF	64-70		
STATION	STATION NAME	YEARS		MONTH

ALL WEATHER
CLASS

12 -14
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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										.7	3.3
NNE	.5	.7										1.2	3.7
NE	1.2	2.4	1.2									4.7	5.1
ENE	1.2	3.2	4.4	.7								9.5	6.7
E	1.0	2.5	2.9	1.0								7.4	6.3
ESE	.7	.3	.5	.3								1.8	6.2
SE	.2	.3										.5	3.3
SSE	.5	.2										.7	3.0
S	1.2	.7	.7	.7								3.2	7.1
SSW	.7	2.7	2.0	.8	.3							6.5	7.3
SW	1.4	2.5	1.4	.2								5.4	5.5
WSW	1.2	2.5	2.0	.5								6.2	5.4
W	3.2	5.6	5.7	.5	.7							15.7	5.6
WNW	2.9	4.4	1.2	.3								8.8	4.8
NW	.3	1.5	.5									2.4	5.1
NNW	.8	.3										1.2	3.8
VARBL	2.4		.7		.3							3.4	5.5
CALM												20.6	
	19.4	30.4	23.1	5.1	1.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 592

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197	BAD TOLZ GERMANY AAF	64-70	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

15[illegible]-17[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]
NNE	.8	.5	.3									1.7	4.3
NE	.3	1.5	.8									2.7	5.[illegible]
ENE	1.5	7.3	2.7	.5								12.[illegible]	[illegible].3
E	2.2	4.6	4.6	1.4								12.7	5.[illegible]
ESE	.8	.5	.5									1.9	4.4
SE	.3		.2									.[illegible]	3.7
SSE	.3	.2										.7	4.5
S	.2	.2	.3	.5		.2						1.4	10.5
SSW	.8	1.4	1.7	.5	.3							4.7	7.7
SW	1.5	2.9	1.0									5.4	4.9
WSW	2.0	2.4	1.7	.7	.2							6.9	6.4
W	1.9	5.6	5.4	2.4	.2							15.4	7.3
WNW	1.0	2.7	1.7	.3								5.[illegible]	5.[illegible]
NW	1.9	.3		.2								2.4	3.5
NNW	.2	.3										.5	4.3
VARBL	1.2	.3	.5	.2	.3							2.5	5.5
CALM												22.7	
	17.1	31.0	21.5	6.6	1.0	.2						100.[illegible]	4.9

TOTAL NUMBER OF OBSERVATIONS 591

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

ALL WEATHER CLASS — 18-21 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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										.7	2.7
NNE		.7										.7	4.3
NE	.7	.4										1.1	3.4
ENE	1.8	3.8	2.7	.7								9.^	5.9
E	3.1	4.0	1.8	.7								9.5	5.^
ESE	.7											.7	3.^
SE	.7											.7	2.3
SSE	.7											.7	2.3
S	2.7	1.3	1.1	.2								5.4	4.9
SSW	2.5	3.8	2.5	.4	.4	.2						9.9	6.4
SW	2.7	4.5	1.8									9.^	4.8
WSW	1.8	2.9	1.6	.2								6.5	3.4
W	1.6	2.9	4.0	.9								9.4	5.2
WNW	.4	.9	1.3	.2								2.9	5.^
NW	.7	.2	.2									1.1	4.^
NNW	.4	.2										.7	2.7
VARBL	.9											.9	2.^
CALM												31.2	
	21.7	29.0	17.0	3.4	.4	.2						100.^	3.9

TOTAL NUMBER OF OBSERVATIONS 446

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 3 [illegible] (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.9										1.[illegible]	3.3
NNE													
NE	.5											.[illegible]	2.[illegible]
ENE	2.3	.9	.9									4.1	3.9
E	2.3	2.3										4.[illegible]	3.5
ESE													
SE													
SSE	.5											.[illegible]	2.[illegible]
S	.5	2.3	.5									3.2	5.0
SSW	3.6	5.5	2.7									11.[illegible]	5.1
SW	.9	4.5	6.4	.5								12.3	6.4
WSW	2.7	4.5	5.9	.5								13.6	5.2
W	.5	5.0	6.4	.9	.5	.5						13.6	8.2
WNW	1.8	1.4	.9	.5								4.[illegible]	5.5
NW		.5										.[illegible]	6.[illegible]
NNW	.5											.5	2.0
VARBL			.5									.5	3.[illegible]
CALM												28.2	
	16.8	27.7	26.1	2.3	.5	.5						100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 22[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94197 BAD TOLZ GERMANY AAF 64-70 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
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	.4											.4	2.^
NNE	.4	.2										.[illegible]	3.3
NE	.8	.8										1.5	3.3
ENE	1.5	1.5	.2									3.2	3.9
E	1.5	2.4	.4									4.3	4.2
ESE	.9											.9	2.^
SE	.2	.2										.4	4.^
SSE	.4											.4	2.^
S	2.4	1.5	1.3	.6	.2							5.[illegible]	5.9
SSW	3.0	4.9	2.3	.6								1^.7	5.4
SW	2.4	4.3	2.8	.4								1^.[illegible]	5.5
WSW	2.3	4.0	2.4	.8	.2							9.4	6.2
W	1.3	4.3	6.2	2.1		.2						14.1	7.8
WNW	.4	1.5	.8	.4								3.^	6.7
NW		.4	.4									.[illegible]	6.3
NNW	.4											.4	2.^
VARBL	1.1	.2	.4									1.7	3.9
CALM												32.^	
	19.4	26.2	17.1	4.7	.4	.2						100.^	3.9

TOTAL NUMBER OF OBSERVATIONS 531

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16197 BAD TOLZ GERMANY AAF 64-70 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]-11
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													
NNE	.2	.2										.?	3.[illegible]
NE	.3	.5	.2									1.[illegible]	4.7
ENE	1.5	3.2	.7									5.?	4.5
E	.8	3.0	1.2									5.[illegible]	5.?
ESE	.3											.3	2.[illegible]
SE	.2	.2										.[illegible]	3.[illegible]
SSE	.2	.2										.[illegible]	3.[illegible]
S	1.8	1.2	.5	.2								3.[illegible]	4.5
SSW	3.2	4.1	2.2	.5								1[illegible].[illegible]	5.4
SW	2.0	3.5	1.7	1.3								[illegible].[illegible]	6.3
WSW	2.0	4.6	3.2	.3								1[illegible].1	5.7
W	1.7	3.6	6.6	2.3	.2							14.4	7.9
WNW	.5	.8	.7									2.[illegible]	[illegible].[illegible]
NW	.8	.5										1.3	3.1
NNW													
VARBL	.8	.5										1.3	3.1
CALM												36.?	
	16.3	26.0	16.7	4.6	.2							100.[illegible]	3.7

TOTAL NUMBER OF OBSERVATIONS 608

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 12[illegible]-14[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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										1.4	2.[illegible]
NNE	.9	.2										1.[illegible]	2.7
NE	1.0	1.4	.2									2.[illegible]	4.2
ENE	2.2	4.5	1.2	.2								[illegible].1	4.7
E	1.5	2.1	2.1	.2								[illegible].[illegible]	[illegible].7
ESE	.2	.3										.[illegible]	4.3
SE	.3											.3	2.[illegible]
SSE	.5											.[illegible]	2.3
S	.5	1.0	.2	.3								2.1	[illegible].1
SSW	.5	2.1	3.1	.9								[illegible].[illegible]	7.4
SW	.7	2.6	1.4	.2								[illegible].[illegible]	[illegible].9
WSW	1.4	4.1	4.3	.2								[illegible].9	[illegible].3
W	1.4	6.2	6.5	2.7	.2							17.[illegible]	7.6
WNW	.9	2.9	1.4	.5								[illegible].7	[illegible].[illegible]
NW	.3	1.0	.7									2.1	[illegible].3
NNW	.9	.2										1.[illegible]	2.5
VARBL	1.2	.1	.2									1.[illegible]	[illegible].2
CALM												29.[illegible]	
	15.6	29.0	21.1	5.1	.2							100.[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS [illegible]3

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — [illegible] MONTH

ALL WEATHER CLASS — 18[illegible]-17 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4										.4	4.
NNE	.4	.5	.2									1.1	4.2
NE	1.7	2.0	.2									3.9	3.7
ENE	2.2	5.0	1.8									9.	5.2
E	1.5	3.5	2.9									7.9	3.8
ESE	.6											.[illegible]	3.[illegible]
SE	.7	.2										.[illegible]	3.4
SSE	.2											.2	2.
S	.6	.9	.6	.4								2.4	5.5
SSW	1.7	2.8	1.8	.4								6.[illegible]	5.9
SW	1.8	2.8	3.1	.4								[illegible].1	5.7
WSW	2.0	4.4	2.6	.7	.4							1[illegible].1	6.5
W	1.1	4.2	8.5	3.1								16.9	7.1
WNW	.7	2.0	1.1	.2								4.1	5.5
NW	1.3	.4	.2									1.[illegible]	3.4
NNW	.6											.[illegible]	2.3
VARBL	1.3	.2										1.[illegible]	2.5
CALM												22.9	
	18.2	29.3	23.0	5.2	.4							100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 543

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36197 STATION — BAB TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

ALL WEATHER 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													
NNE	.5											.*	2.
NE	.5	1.3	.3									2.	4.4
ENE	3.3	5.1	1.0									9.4	4.3
E	3.5	1.3	1.5									6.3	4.2
ESE	.3	.3										.*	3.8
SE													
SSE		.5										.*	4.0
S	1.8	.3	.3	.3								2.5	4.3
SSW	2.0	3.0	3.5	.8								9.4	5.3
SW	1.5	3.8	1.0	.5								6.*	5.2
WSW	1.0	6.6	0.0	.8								14.9	6.7
W	3.0	3.5	5.6	4.8								17.*	7.8
WNW	1.0	.5	.3									1.*	3.4
NW			.3	.3								.*	12.*
NNW													
VARBL	1.8	.5										2.3	2.*
CALM												25.*	
	20.*	26.6	20.3	7.3								100.*	4.4

TOTAL NUMBER OF OBSERVATIONS 395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34197 BAD TOLZ GERMANY AAF 64-70
STATION STATION NAME YEARS MONTH

INSTRUMENT
CLASS 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	.7	.8	.0	.0								1.5	4.1
NNE	.6	.7	.1									1.4	4.1
NE	.8	2.0	.7	.3								3.8	4.8
ENE	1.6	4.8	3.1	.5								10.0	5.4
E	1.5	2.8	3.1	.7								8.1	5.5
ESE	.2	.2	.1	.0								.5	4.4
SE	.2	.0										.2	2.0
SSE	.1	.1		.0								.2	3.0
S	.5	.3	.1	.1	.0							1.0	5.3
SSW	.7	1.5	.9	.2	.1							3.3	5.6
SW	1.0	2.3	1.0	.0	.0							4.3	5.0
WSW	1.8	3.7	2.5	.5	.0							8.5	5.4
W	2.3	6.8	6.2	1.9	.2							17.3	7.0
WNW	2.3	4.1	2.2	.4	.0							9.0	5.5
NW	1.5	1.7	.5	.1								3.8	4.6
NNW	.9	.9	.3	.1								1.9	4.6
VARBL	.6	.3	.1									1.0	3.5
CALM												24.3	
	17.6	32.4	21.0	4.2	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 6237

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

PART D CEILING VERSUS VISIBILITY

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

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

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1946. Beginning in July 1946 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.

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																
≥ 1500 / ≥ 1000																92.6
≥ 1200 / ≥ 900																
≥ 1000 / ≥ 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 and 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HRS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	> 0
NO CEILING		31.9	33.0	34.2	34.7	34.8	35.2	35.4	35.4	35.6	35.7	35.8	35.9	36.1	36.2	36.4
≥ 20000		37.1	38.3	39.5	40.1	40.3	40.6	40.8	40.9	41.1	41.2	41.3	41.4	41.6	41.7	41.9
≥ 18000		37.2	38.4	39.6	40.1	40.3	40.7	40.9	41.0	41.2	41.3	41.4	41.4	41.7	41.7	41.9
≥ 16000		37.2	38.4	39.6	40.2	40.3	40.7	40.9	41.0	41.2	41.3	41.4	41.5	41.7	41.8	42.0
≥ 14000		37.3	38.5	39.7	40.3	40.5	40.8	41.0	41.1	41.3	41.4	41.5	41.6	41.8	41.9	42.1
≥ 12000		37.7	38.9	40.2	40.7	40.9	41.2	41.4	41.5	41.7	41.8	41.9	42.0	42.2	42.3	42.5
≥ 10000		39.3	40.6	41.8	42.4	42.6	42.9	43.2	43.2	43.4	43.5	43.6	43.7	43.9	44.0	44.2
≥ 9000		40.4	41.6	42.9	43.4	43.6	44.0	44.2	44.3	44.5	44.6	44.7	44.8	45.0	45.1	45.3
≥ 8000		43.6	45.0	46.3	47.0	47.2	47.6	47.8	47.9	48.1	48.2	48.3	48.4	48.6	48.7	48.9
≥ 7000		46.0	47.3	48.8	49.5	49.7	50.1	50.4	50.5	50.7	50.8	50.9	51.0	51.2	51.3	51.5
≥ 6000		47.6	49.2	50.6	51.3	51.5	51.9	52.2	52.3	52.5	52.6	52.7	52.8	53.0	53.1	53.3
≥ 5000		50.0	51.6	53.1	53.8	54.1	54.5	54.8	54.8	55.1	55.2	55.3	55.4	55.6	55.7	56.0
≥ 4500		51.9	53.6	55.1	55.8	56.1	56.5	56.8	56.9	57.1	57.2	57.3	57.4	57.6	57.7	58.0
≥ 4000		54.5	56.3	57.9	58.7	59.0	59.5	59.8	59.8	60.1	60.2	60.3	60.4	60.6	60.7	61.0
≥ 3500		57.4	59.4	61.2	62.0	62.3	62.8	63.1	63.2	63.5	63.7	63.7	63.8	64.1	64.2	64.4
≥ 3000		61.0	63.4	65.4	66.4	66.8	67.4	67.8	67.9	68.2	68.3	68.4	68.5	68.7	68.8	69.1
≥ 2500		65.3	68.2	70.6	71.8	72.2	73.0	73.4	73.5	73.9	74.0	74.1	74.2	74.4	74.5	74.8
≥ 2000		67.2	70.5	73.4	75.0	75.4	76.4	76.8	76.9	77.4	77.5	77.6	77.7	77.9	78.0	78.3
≥ 1800		67.9	71.4	74.5	76.2	76.6	77.7	78.2	78.3	78.8	78.9	79.0	79.1	79.4	79.5	79.7
≥ 1500		69.2	73.1	76.7	78.7	79.4	80.8	81.5	81.7	82.2	82.4	82.5	82.6	82.8	82.9	83.2
≥ 1200		70.2	74.4	78.3	80.9	81.7	83.4	84.4	84.6	85.4	85.6	85.7	85.8	86.0	86.1	86.4
≥ 1000		70.5	74.8	79.0	81.8	82.7	84.8	86.0	86.3	87.4	87.7	87.8	87.9	88.2	88.3	88.6
≥ 900		70.5	74.9	79.2	82.1	83.2	85.4	86.7	87.2	88.4	88.7	88.9	89.0	89.3	89.4	89.6
≥ 800		70.6	75.1	79.4	82.5	83.6	86.2	87.7	88.3	89.8	90.3	90.5	90.7	90.9	91.0	91.3
≥ 700		70.7	75.2	79.6	82.8	84.0	86.8	88.5	89.3	91.1	91.8	92.2	92.3	92.6	92.7	93.0
≥ 600		70.7	75.2	79.7	82.9	84.2	87.2	89.3	90.1	92.3	93.2	93.6	93.8	94.1	94.2	94.5
≥ 500		70.7	75.3	79.8	83.1	84.3	87.5	89.8	90.7	93.4	94.6	95.1	95.6	96.0	96.1	96.4
≥ 400		70.7	75.3	79.8	83.1	84.4	87.6	90.0	91.1	94.0	95.9	96.1	96.7	97.2	97.4	97.7
≥ 300		70.7	75.3	79.8	83.1	84.4	87.6	90.1	91.2	94.4	96.0	96.7	97.3	98.3	98.5	99.0
≥ 200		70.7	75.3	79.8	83.1	84.4	87.6	90.1	91.3	94.3	96.1	96.8	97.7	98.6	98.9	99.6
≥ 100		70.7	75.3	79.8	83.1	84.4	87.6	90.1	91.3	94.5	96.1	96.9	97.7	98.6	99.0	99.9
0		70.7	75.3	79.8	83.1	84.4	87.6	90.1	91.3	94.5	96.1	96.9	97.7	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 33238

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS)

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	> 1/16	≥ 0	
NO CEILING		28.0	27.3	28.1	29.8	30.1	30.8	31.1	31.2	31.7	31.7	32.0	32.1	32.3	32.5	32.7
≥ 20000		31.0	32.3	34.2	34.9	35.3	36.2	36.4	36.6	37.2	37.2	37.5	37.6	37.8	38.0	38.2
≥ 18000		31.1	32.5	34.3	35.1	35.4	36.3	36.5	36.7	37.3	37.3	37.6	37.7	38.0	38.1	38.3
≥ 16000		31.1	32.5	34.3	35.1	35.4	36.3	36.5	36.7	37.3	37.3	37.6	37.7	38.0	38.1	38.3
≥ 14000		31.1	32.5	34.3	35.1	35.5	36.3	36.5	36.7	37.3	37.4	37.7	37.7	38.0	38.2	38.3
≥ 12000		31.3	32.6	34.4	35.2	35.6	36.4	36.7	36.9	37.5	37.5	37.8	37.8	38.1	38.3	38.4
≥ 10000		33.0	34.4	36.3	37.1	37.5	38.4	38.7	38.9	39.5	39.5	39.8	39.9	40.1	40.3	40.4
≥ 9000		34.2	35.7	37.6	38.4	38.8	39.7	39.9	40.1	40.7	40.8	41.0	41.1	41.4	41.6	41.7
≥ 8000		37.2	38.8	40.6	41.6	41.9	42.9	43.1	43.3	43.9	43.9	44.2	44.3	44.5	44.7	44.9
≥ 7000		39.4	41.0	42.9	43.8	44.3	45.2	45.5	45.6	46.2	46.3	46.6	46.6	46.9	47.1	47.3
≥ 6000		41.2	42.9	44.9	45.9	46.4	47.3	47.5	47.7	48.3	48.4	48.6	48.7	49.0	49.2	49.4
≥ 5000		43.2	45.0	47.0	48.2	48.6	49.7	49.9	50.1	50.7	50.7	51.0	51.1	51.4	51.5	51.8
≥ 4500		44.7	46.4	48.6	49.7	50.2	51.2	51.5	51.7	52.3	52.3	52.6	52.7	52.9	53.1	53.4
≥ 4000		46.4	48.3	50.5	51.7	52.2	53.3	53.6	53.9	54.5	54.5	54.8	54.9	55.1	55.3	53.6
≥ 3500		48.0	50.2	52.5	53.7	54.2	55.4	55.7	56.0	56.6	56.6	56.9	57.0	57.3	57.5	57.7
≥ 3000		49.6	52.2	54.8	56.2	56.8	58.0	58.4	58.7	59.5	59.5	59.8	59.9	60.3	60.5	60.7
≥ 2500		52.5	55.6	58.5	60.3	60.9	62.5	63.1	63.5	64.6	64.7	65.0	65.1	65.5	65.7	65.9
≥ 2000		54.2	57.5	60.9	63.0	63.7	65.8	66.5	67.0	68.3	68.5	68.7	68.8	69.2	69.4	69.7
≥ 1800		54.9	58.4	62.1	64.6	65.2	67.8	68.5	69.0	70.5	70.7	70.9	71.0	71.4	71.6	71.9
≥ 1500		56.1	60.1	64.2	67.2	68.0	71.1	72.4	73.1	74.7	74.9	75.2	75.3	75.7	75.9	76.1
≥ 1200		57.6	62.0	66.6	70.1	71.3	75.1	76.9	77.8	80.3	80.6	80.9	81.0	81.4	81.6	81.9
≥ 1000		58.2	62.5	67.2	70.9	72.2	76.3	78.3	79.4	82.7	83.4	83.9	84.0	84.4	84.6	84.9
≥ 900		58.3	62.5	67.4	71.2	72.5	76.8	79.2	80.3	84.1	84.9	85.3	85.7	86.1	86.3	86.6
≥ 800		58.3	62.5	67.5	71.2	72.5	77.1	79.6	81.1	85.0	86.6	87.5	87.7	88.1	88.3	88.6
≥ 700		58.3	62.7	67.7	71.6	72.9	77.5	80.3	81.9	86.9	89.1	90.2	90.4	90.8	91.0	91.3
≥ 600		58.4	63.1	68.3	72.2	73.5	78.1	81.1	82.7	88.3	90.8	92.1	92.4	92.9	93.1	93.4
≥ 500		58.4	63.1	68.4	72.4	73.7	78.3	81.4	83.3	89.3	92.0	93.7	94.3	95.0	95.2	95.5
≥ 400		58.4	63.1	68.4	72.5	73.8	78.7	81.6	83.5	90.0	93.3	95.1	96.1	96.7	97.0	97.4
≥ 300		58.4	63.1	68.4	72.5	73.8	78.7	81.7	83.6	90.2	93.5	95.6	96.8	97.6	98.1	98.5
≥ 200		58.4	63.1	68.4	72.5	73.8	78.7	81.7	83.6	90.3	93.6	95.7	97.0	98.0	98.8	99.5
≥ 100		58.4	63.1	68.4	72.5	73.8	78.7	81.7	83.6	90.3	93.6	95.7	97.0	98.1	98.9	100.0
0		58.4	63.1	68.4	72.8	73.8	78.7	81.7	83.6	90.3	93.6	95.7	97.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2539

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ, GERMANY AAF (STATION NAME) 65-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	<¼	≥0
NO CEILING		26,9	27,7	29,0	29,3	29,5	29,8	30,0	30,1	30,2	30,3	30,3	30,3	30,4	30,5	30,7
≥ 20000		32,6	33,7	35,1	35,5	35,7	36,1	36,3	36,4	36,5	36,6	36,6	36,6	36,7	36,8	37,-
≥ 18000		32,7	33,8	35,2	35,5	35,8	36,2	36,4	36,5	36,6	36,7	36,7	36,7	36,7	36,9	37,1
≥ 16000		32,7	33,8	35,3	35,6	35,8	36,2	36,4	36,5	36,7	36,7	36,7	36,7	36,8	36,9	37,1
≥ 14000		32,9	34,0	35,5	35,8	36,0	36,4	36,6	36,7	36,9	36,9	36,9	36,9	37,0	37,1	37,3
≥ 12000		33,6	34,7	36,1	36,4	36,7	37,1	37,3	37,4	37,5	37,6	37,6	37,6	37,6	37,8	38,-
≥ 10000		35,0	36,2	37,7	38,1	38,3	38,7	38,9	39,0	39,1	39,2	39,2	39,2	39,2	39,4	39,6
≥ 9000		36,2	37,4	38,9	39,2	39,5	39,9	40,1	40,2	40,3	40,4	40,4	40,4	40,4	40,6	40,8
≥ 8000		40,7	42,0	43,6	44,1	44,3	44,3	45,0	45,1	45,3	45,4	45,4	45,4	45,5	45,6	45,8
≥ 7000		43,5	44,8	46,6	47,0	47,3	47,8	48,0	48,2	48,4	48,5	48,5	48,5	48,5	48,7	48,9
≥ 6000		45,2	46,6	48,5	48,9	49,2	49,7	49,9	50,1	50,3	50,3	50,3	50,3	50,4	50,6	50,8
≥ 5000		47,4	49,0	50,9	51,3	51,6	52,2	52,4	52,5	52,7	52,8	52,8	52,8	52,9	53,0	53,2
≥ 4500		49,6	51,1	53,1	53,5	53,8	54,3	54,5	54,6	54,8	54,9	54,9	54,9	55,0	55,1	55,3
≥ 4000		51,6	53,4	55,5	55,9	56,2	56,8	57,0	57,2	57,4	57,5	57,5	57,5	57,5	57,7	57,9
≥ 3500		54,9	57,0	59,3	59,8	60,1	60,7	61,0	61,2	61,4	61,5	61,5	61,5	61,6	61,7	61,9
≥ 3000		58,1	60,6	63,1	63,7	64,0	64,6	65,0	65,2	65,5	65,6	65,6	65,6	65,7	65,8	66,0
≥ 2500		63,3	66,2	69,1	69,8	70,2	71,2	71,7	72,0	72,4	72,5	72,5	72,5	72,6	72,7	72,9
≥ 2000		64,3	67,9	71,2	72,1	72,6	73,7	74,3	74,7	75,2	75,3	75,3	75,3	75,4	75,5	75,7
≥ 1800		65,5	68,9	72,3	73,2	73,7	74,9	75,6	76,0	76,6	76,7	76,7	76,7	76,8	76,9	77,1
≥ 1500		67,0	70,8	74,4	75,6	76,1	78,0	78,9	79,4	80,0	80,1	80,1	80,1	80,2	80,3	80,5
≥ 1200		68,1	72,1	76,0	77,5	78,2	80,4	82,0	82,6	83,5	83,6	83,6	83,6	83,7	83,8	84,0
≥ 1000		68,4	72,4	76,7	78,4	79,2	81,7	83,7	84,4	85,8	86,1	86,1	86,1	86,2	86,3	86,5
≥ 900		68,4	72,5	76,7	78,5	79,4	82,2	84,5	85,3	87,1	87,5	87,6	87,6	87,7	87,8	88,0
≥ 800		68,4	72,5	76,8	78,7	79,6	82,6	85,3	86,3	88,5	89,5	89,6	89,6	89,8	90,0	90,2
≥ 700		68,6	72,7	76,9	78,9	79,9	83,1	85,8	86,9	89,6	90,8	91,1	91,1	91,3	91,4	91,6
≥ 600		68,7	72,7	77,0	79,1	80,1	83,5	86,5	87,9	91,1	92,8	93,1	93,2	93,4	93,5	93,7
≥ 500		68,7	72,7	77,0	79,1	80,1	83,5	86,7	88,3	92,1	94,3	94,8	95,3	95,5	95,6	95,8
≥ 400		68,7	72,7	77,0	79,1	80,1	83,6	86,8	88,4	92,6	95,3	95,9	96,8	97,2	97,3	97,5
≥ 300		68,7	72,7	77,0	79,2	80,2	83,7	86,8	88,5	92,8	96,1	96,9	98,0	98,9	99,1	99,3
≥ 200		68,7	72,7	77,0	79,2	80,2	83,7	86,8	88,5	92,8	96,1	97,1	98,3	99,3	99,6	99,8
≥ 100		68,7	72,7	77,0	79,2	80,2	83,7	86,8	88,5	92,8	96,1	97,1	98,4	99,4	99,8	100,0
≥ 0		68,7	72,7	77,0	79,2	80,2	83,7	86,8	88,5	92,8	96,1	97,1	98,4	99,4	99,8	100,0

TOTAL NUMBER OF OBSERVATIONS 2431

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		26.8	28.3	29.5	30.3	30.4	30.8	31.0	31.0	31.2	31 2	31.3	31.3	31.4	31.6	31.6
≥ 20000		32.3	33.8	35.1	36.1	36.2	36.6	36.8	36.8	37.0	37.0	37.1	37.1	37.2	37.3	37.4
≥ 18000		32.3	33.8	35.1	36.1	36.2	36.6	36.8	36.8	37.0	37.0	37.1	37.1	37.2	37.3	37.4
≥ 16000		32.3	33.8	35.1	36.1	36.2	36.6	36.8	36.8	37.0	37.0	37.1	37.1	37.2	37.3	37.4
≥ 14000		32.3	33.8	35.1	36.1	36.2	36.6	36.8	36.8	37.0	37.0	37.1	37.1	37.2	37.3	37.4
≥ 12000		32.6	34.1	35.5	36.4	36.5	36.9	37.1	37.1	37.3	37.4	37.5	37.5	37.6	37.7	37.8
≥ 10000		33.3	34.9	36.3	37.3	37.4	37.8	38.1	38.1	38.3	38.3	38.5	38.5	38.6	38.7	38.8
≥ 9000		34.2	35.9	37.2	38.2	38.3	38.7	39.0	39.1	39.3	39.3	39.4	39.4	39.6	39.7	39.7
≥ 8000		36.1	37.8	39.3	40.2	40.4	40.8	41.1	41.1	41.3	61.4	41.5	41.5	41.6	41.7	41.8
≥ 7000		37.9	39.7	41.2	42.2	42.4	42.9	43.1	43.2	43.4	43.4	43.5	43.5	43.7	43.8	43.9
≥ 6000		40.1	42.1	43.7	44.7	44.9	45.4	45.6	45.7	45.9	45.9	46.0	46.0	46.2	46.3	46.4
≥ 5000		41.7	43.9	45.5	46.5	46.8	47.2	47.5	47.5	47.8	47.8	47.8	47.9	48.1	48.3	48.4
≥ 4500		42.9	45.1	46.8	47.8	48.1	48.6	48.8	48.9	49.1	49.2	49.3	49.3	49.4	49.6	49.8
≥ 4000		44.3	46.7	48.3	49.4	49.8	50.3	50.6	50.6	50.9	50.9	51.0	51.0	51.2	51.4	51.5
≥ 3500		46.1	48.6	50.4	51.5	51.9	52.4	52.7	52.7	53.0	53.0	53.1	53.1	53.3	53.5	53.6
≥ 3000		48.7	51.4	53.4	54.6	55.0	55.5	55.8	55.9	56.2	56.2	56.4	56.4	56.5	56.7	56.9
≥ 2500		54.4	57.8	60.6	62.4	63.0	63.6	64.0	64.1	64.4	64.4	64.6	64.6	64.7	64.9	65.1
≥ 2000		56.3	60.4	63.9	66.2	66.9	67.9	68.3	68.4	68.8	68.8	68.9	68.9	69.1	69.3	69.4
≥ 1800		56.9	61.1	64.7	67.8	68.0	69.2	69.7	69.8	70.2	70.2	70.3	70.3	70.5	70.7	70.8
≥ 1500		58.0	62.8	66.9	70.0	70.8	72.0	73.5	73.6	74.1	74.2	74.3	74.3	74.5	74.7	74.9
≥ 1200		58.7	64.0	68.4	71.9	72.9	75.1	76.4	76.6	77.5	77.6	77.8	77.8	77.9	78.1	78.3
≥ 1000		58.9	64.2	68.8	72.5	73.6	76.3	77.9	78.2	79.8	80.9	80.5	80.5	80.7	80.9	81.0
≥ 900		59.0	64.3	69.0	72.9	74.0	76.8	78.7	79.2	81.3	81.9	82.1	82.1	82.3	82.5	82.7
≥ 800		59.0	64.4	69.1	73.1	74.3	77.4	79.8	80.8	83.7	84.8	84.8	84.8	85.0	85.2	85.4
≥ 700		59.0	64.4	69.2	73.4	74.7	78.1	80.9	81.9	85.8	87.4	87.7	87.8	87.9	88.1	88.3
≥ 600		59.0	64.4	69.2	73.5	74.8	78.4	81.8	82.9	87.1	89.1	89.5	89.7	89.9	90.1	90.3
≥ 500		59.0	64.4	69.2	73.6	74.9	78.8	82.8	84.2	89.4	91.9	92.6	93.1	93.7	94.0	94.2
≥ 400		59.0	64.4	69.2	73.6	74.9	78.8	83.1	85.0	90.6	93.5	94.3	95.0	96.0	96.2	96.5
≥ 300		59.0	64.4	69.2	73.6	74.9	78.8	83.2	85.2	91.4	94.6	95.6	96.6	98.2	98.6	99.0
≥ 200		59.0	64.4	69.2	73.6	74.9	78.8	83.2	85.2	91.4	94.7	95.7	96.9	98.6	99.2	99.6
≥ 100		59.0	64.4	69.2	73.6	74.9	78.8	83.2	85.2	91.4	94.7	95.7	96.9	98.6	99.3	100.0
0		59.0	64.4	69.2	73.6	74.9	78.8	83.2	85.2	91.4	94.7	95.7	96.9	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2973

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) APR (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		32.6	33.7	34.4	34.7	34.7	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.1	35.1	35.1
≥ 20000		39.3	40.4	41.1	41.4	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	41.9
≥ 18000		39.4	40.6	41.3	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.0
≥ 16000		39.4	40.6	41.3	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.9	42.0	42.0	42.0
≥ 14000		39.7	40.8	41.5	41.8	41.8	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.2	42.2	42.3
≥ 12000		40.3	41.4	42.1	42.4	42.4	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.8	42.8	42.9
≥ 10000		41.7	42.9	43.6	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.3	44.3	44.3
≥ 9000		42.6	43.7	44.4	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2
≥ 8000		46.2	47.5	48.2	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.9	49.0	49.0	49.0
≥ 7000		49.1	50.4	51.2	51.5	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.9	51.9	52.0
≥ 6000		50.0	51.3	52.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.8	52.8	52.8
≥ 5000		51.7	53.1	53.9	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.7	54.7	54.7
≥ 4500		53.3	54.9	55.7	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6
≥ 4000		56.1	57.9	58.8	59.2	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.8
≥ 3500		57.9	59.9	60.9	61.3	61.4	61.7	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.1
≥ 3000		60.9	63.1	64.3	65.0	65.1	65.3	65.6	65.6	65.6	65.6	65.6	65.7	65.8	65.8	65.8
≥ 2500		66.4	69.3	71.1	71.9	72.0	72.3	72.6	72.7	72.7	72.7	72.7	72.8	72.9	72.9	72.9
≥ 2000		68.3	72.0	74.3	75.3	75.5	76.2	76.4	76.5	76.7	76.7	76.7	76.8	76.9	76.9	76.9
≥ 1800		69.0	72.8	75.6	76.8	77.0	77.7	77.9	78.0	78.1	78.3	78.3	78.4	78.5	78.5	78.5
≥ 1500		70.4	74.7	78.3	80.2	80.6	81.7	82.1	82.1	82.7	82.7	82.7	82.7	82.8	82.8	82.9
≥ 1200		71.1	75.7	79.7	82.3	83.1	84.6	85.1	85.2	85.8	85.8	85.8	85.8	85.9	85.9	86.0
≥ 1000		71.5	76.2	80.4	83.3	84.2	86.4	87.2	87.3	88.7	88.8	88.8	88.8	89.0	89.0	89.0
≥ 900		71.6	76.3	80.7	83.7	84.6	87.0	87.9	88.0	89.6	89.7	89.7	89.8	90.0	90.0	90.0
≥ 800		71.6	76.5	81.0	84.0	85.0	87.8	89.0	89.9	91.1	91.4	91.4	91.5	91.6	91.6	91.7
≥ 700		71.7	76.7	81.4	84.6	85.6	88.3	89.8	90.9	92.3	92.7	92.8	92.9	93.1	93.1	93.1
≥ 600		71.7	76.7	81.5	84.8	85.9	89.2	90.8	92.0	93.9	94.7	94.9	95.1	95.3	95.3	95.3
≥ 500		71.7	76.7	81.5	84.9	86.1	89.5	91.4	92.5	94.9	96.2	96.7	97.2	97.5	97.5	97.6
≥ 400		71.8	76.7	81.6	84.9	86.1	89.5	91.5	92.7	95.5	96.9	97.5	98.2	98.9	98.9	98.9
≥ 300		71.8	76.7	81.6	84.9	86.1	89.6	91.6	92.8	95.7	97.2	97.9	98.8	99.5	99.5	99.7
≥ 200		71.8	76.7	81.6	84.9	86.1	89.6	91.6	92.8	95.7	97.2	98.0	98.9	99.6	99.8	99.9
≥ 100		71.8	76.7	81.6	84.9	86.1	89.6	91.6	92.8	95.7	97.2	98.0	98.9	99.6	99.8	100.0
≥ 0		71.8	76.7	81.6	84.9	86.1	89.6	91.6	92.8	95.7	97.2	98.0	98.9	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3045

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

36197 (STATION) 8AF TULZ GERMANY AAF (STATION NAME) 65-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		35.4	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.3
≥ 20000		41.8	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.7	42.7	42.7
≥ 18000		41.8	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.7	42.7	42.8
≥ 16000		41.8	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.8
≥ 14000		41.9	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.9
≥ 12000		42.6	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.5	43.5	43.5
≥ 10000		43.9	44.4	44.6	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	45.0
≥ 9000		44.9	45.5	45.6	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.1
≥ 8000		49.0	49.6	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.2
≥ 7000		51.3	52.1	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.7
≥ 6000		53.1	53.9	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5
≥ 5000		55.4	56.3	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
≥ 4500		57.1	58.0	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.7
≥ 4000		60.3	61.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	62.0
≥ 3500		63.8	64.8	65.0	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.7
≥ 3000		69.2	70.8	71.2	71.6	71.7	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2
≥ 2500		74.5	76.8	77.5	78.1	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.8
≥ 2000		76.9	79.5	80.6	81.5	81.6	82.0	82.2	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.6
≥ 1800		77.7	80.4	81.7	82.8	82.9	83.3	83.5	83.6	83.8	83.8	83.9	83.9	83.9	83.9	84.0
≥ 1500		79.9	82.9	84.6	86.0	86.6	87.2	87.6	87.7	87.8	87.9	87.9	87.9	88.1	88.1	88.1
≥ 1200		81.4	84.9	87.5	89.5	90.4	91.2	91.5	91.6	92.0	92.0	92.1	92.1	92.2	92.2	92.3
≥ 1000		82.0	85.6	88.4	90.8	91.8	92.0	93.2	93.2	93.6	93.7	93.7	93.8	93.9	93.9	94.0
≥ 900		82.1	85.8	88.6	91.1	92.4	93.6	94.0	94.0	94.5	94.5	94.6	94.6	94.7	94.7	94.8
≥ 800		82.3	86.0	89.0	91.9	93.2	93.0	95.5	95.7	96.4	96.5	96.5	96.6	96.7	96.7	96.7
≥ 700		82.6	86.2	89.2	92.2	93.5	93.5	96.2	96.5	97.3	97.4	97.4	97.5	97.6	97.6	97.7
≥ 600		82.4	86.2	89.3	92.4	93.8	93.9	96.9	97.3	98.1	98.3	98.3	98.4	98.5	98.5	98.5
≥ 500		82.4	86.2	89.3	92.4	93.8	96.2	97.3	97.7	98.8	99.0	99.1	99.2	99.3	99.3	99.4
≥ 400		82.4	86.2	89.2	92.4	93.9	96.3	97.4	97.8	99.0	99.2	99.3	99.5	99.8	99.8	99.8
≥ 300		82.4	86.2	89.3	92.4	93.9	96.3	97.4	97.8	99.0	99.2	99.3	99.5	99.8	99.8	99.9
≥ 200		82.4	86.2	89.3	92.4	93.9	96.3	97.4	97.8	99.0	99.2	99.3	99.5	99.8	99.9	100.0
≥ 100		82.4	86.2	89.3	92.4	93.9	96.3	97.4	97.8	99.0	99.2	99.3	99.5	99.8	99.9	100.0
≥ 0		82.4	86.2	89.3	92.4	93.9	96.3	97.4	97.8	99.0	99.2	99.3	99.5	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2813

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

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	<¼
NO CEILING		36.8	37.3	38.2	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.8
≥ 20000		41.6	42.2	43.2	43.5	43.5	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.9
≥ 18000		41.8	42.4	43.4	43.7	43.7	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.0
≥ 16000		41.8	42.4	43.4	43.7	43.7	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.0
≥ 14000		41.9	42.5	43.5	43.8	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1
≥ 12000		43.4	42.9	43.9	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.5
≥ 10000		44.0	44.6	45.6	45.9	45.9	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.2
≥ 9000		45.3	45.9	46.8	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.5
≥ 8000		49.1	49.7	50.8	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 7000		50.1	50.8	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6
≥ 6000		51.9	52.4	53.7	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.4
≥ 5000		54.2	54.9	56.1	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8
≥ 4500		56.9	57.0	58.4	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1
≥ 4000		60.0	60.8	62.3	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.1
≥ 3500		64.2	65.8	67.1	67.5	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9
≥ 3000		71.1	72.3	74.3	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4
≥ 2500		76.7	78.5	80.9	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.2
≥ 2000		80.0	82.3	84.8	85.8	86.0	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5
≥ 1800		80.7	83.1	85.8	87.0	87.1	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7
≥ 1500		82.3	85.2	88.7	90.2	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.1
≥ 1200		83.8	87.2	91.0	93.0	93.6	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1000		84.1	87.6	91.5	93.7	94.1	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.2
≥ 900		84.2	87.7	91.9	94.4	95.0	95.9	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.3
≥ 800		84.4	88.0	92.4	95.0	95.8	96.8	96.8	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.5
≥ 700		84.4	88.0	92.5	95.2	96.1	97.3	97.4	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.3
≥ 600		84.5	88.1	92.5	95.3	96.2	97.6	97.8	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.7
≥ 500		84.5	88.2	92.7	95.4	96.4	97.8	98.3	98.6	99.2	99.4	99.4	99.4	99.5	99.5	99.6
≥ 400		84.5	88.2	92.7	95.5	96.5	98.0	98.6	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.9
≥ 300		84.5	88.2	92.7	95.5	96.5	98.0	98.6	98.8	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 200		84.5	88.2	92.7	95.5	96.5	98.0	98.6	98.8	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100		84.5	88.2	92.7	95.5	96.5	98.0	98.6	98.8	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0		84.5	88.2	92.7	95.5	96.5	98.0	98.6	98.8	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2627

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HRS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 3/16	≥ ¼	< ¼
NO CEILING		40.0	41.2	41.5	41.6	41.6	41.7	41.9	42.0	42.0	42.2	42.2	42.3	42.4	42.4	42.6
≥ 20000		43.9	45.1	45.6	45.8	45.8	45.9	46.0	46.1	46.2	46.3	46.3	46.5	46.5	46.6	46.7
≥ 18000		44.0	45.2	45.7	45.8	45.8	45.9	46.1	46.2	46.3	46.4	46.4	46.5	46.6	46.7	46.9
≥ 16000		44.0	45.2	45.7	45.8	45.8	45.9	46.1	46.2	46.3	46.4	46.4	46.5	46.6	46.7	46.9
≥ 14000		44.0	45.3	45.7	45.9	45.9	46.0	46.1	46.3	46.3	46.5	46.5	46.6	46.7	46.7	46.9
≥ 12000		44.6	45.8	46.3	46.5	46.5	46.5	46.7	46.8	46.9	47.0	47.0	47.1	47.2	47.3	47.5
≥ 10000		46.6	47.9	48.3	48.5	48.5	48.6	48.7	48.8	48.9	49.0	49.0	49.2	49.2	49.3	49.5
≥ 9000		47.7	49.1	49.6	49.7	49.7	49.8	50.0	50.1	50.2	50.3	50.3	50.4	50.5	50.6	50.8
≥ 8000		51.7	53.1	53.6	53.7	53.7	53.9	54.0	54.1	54.2	54.3	54.3	54.5	54.5	54.6	54.8
≥ 7000		54.4	55.9	56.4	56.6	56.6	56.8	57.0	57.1	57.2	57.3	57.3	57.4	57.5	57.6	57.8
≥ 6000		56.8	58.3	58.8	59.0	59.0	59.1	59.3	59.5	59.5	59.7	59.7	59.8	59.9	59.9	60.1
≥ 5000		60.1	61.7	62.3	62.5	62.5	62.7	62.9	63.0	63.1	63.2	63.2	63.4	63.4	63.5	63.7
≥ 4500		63.0	64.6	65.3	65.5	65.5	65.8	66.0	66.1	66.2	66.3	66.3	66.5	66.5	66.6	66.8
≥ 4000		67.2	68.9	69.5	69.8	69.8	70.2	70.5	70.6	70.7	70.8	70.8	70.9	71.0	71.1	71.3
≥ 3500		71.2	73.1	73.9	74.3	74.3	74.8	75.1	75.2	75.3	75.4	75.4	75.5	75.6	75.7	75.9
≥ 3000		75.6	77.8	79.2	79.7	79.8	80.3	80.5	80.7	80.7	80.9	80.9	81.0	81.1	81.1	81.3
≥ 2500		81.2	84.2	85.7	86.4	86.4	87.0	87.3	87.4	87.5	87.6	87.6	87.7	87.8	87.9	88.1
≥ 2000		83.1	86.5	88.0	88.8	88.8	89.5	89.8	89.9	90.0	90.1	90.1	90.2	90.3	90.4	90.6
≥ 1800		83.7	87.4	89.2	90.2	90.2	90.9	91.2	91.4	91.5	91.6	91.6	91.7	91.8	91.9	92.1
≥ 1500		84.8	89.1	91.6	93.0	93.1	94.0	94.3	94.4	94.6	94.7	94.7	94.8	94.9	94.9	95.1
≥ 1200		85.4	90.1	92.7	94.3	94.5	95.7	96.2	96.3	96.5	96.6	96.6	96.7	96.8	96.9	97.1
≥ 1000		85.8	90.5	93.4	94.9	95.1	96.5	97.1	97.3	97.5	97.6	97.6	97.7	97.8	97.9	98.1
≥ 900		85.8	90.6	93.4	95.0	95.2	96.6	97.4	97.5	97.7	97.8	97.8	97.9	98.0	98.1	98.3
≥ 800		86.0	90.9	93.8	95.4	95.6	97.3	98.1	98.3	98.6	98.7	98.7	98.8	98.9	99.0	99.2
≥ 700		86.0	90.9	93.8	95.5	95.6	97.4	98.2	98.6	98.8	99.0	99.0	99.1	99.2	99.2	99.4
≥ 600		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.9
≥ 500		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.6	99.7	99.8	100.0
≥ 400		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.6	99.7	99.8	100.0
≥ 300		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.6	99.7	99.8	100.0
≥ 200		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.6	99.7	99.8	100.0
≥ 100		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.6	99.7	99.8	100.0
0		86.0	90.9	93.8	95.5	95.7	97.7	98.6	98.9	99.2	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2514

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		31.5	32.3	34.2	34.0	35.0	35.3	35.3	35.4	35.6	35.7	35.8	35.8	36.0	36.0	36.4
≥ 20000		37.2	38.3	40.2	40.8	41.0	41.3	41.3	41.4	41.6	41.7	41.8	41.9	42.0	42.1	42.4
≥ 18000		37.2	38.3	40.3	40.9	41.0	41.3	41.4	41.4	41.7	41.8	41.9	41.9	42.1	42.1	42.4
≥ 16000		37.2	38.3	40.3	40.9	41.0	41.3	41.4	41.4	41.7	41.8	41.9	41.9	42.1	42.1	42.4
≥ 14000		37.4	38.5	40.4	41.0	41.2	41.5	41.5	41.6	41.8	41.9	42.0	42.0	42.2	42.3	42.6
≥ 12000		37.6	38.8	40.7	41.3	41.4	41.7	41.8	41.9	42.1	42.2	42.3	42.3	42.5	42.5	42.8
≥ 10000		39.9	41.0	43.0	43.5	43.8	44.1	44.1	44.2	44.3	44.6	44.7	44.7	44.9	44.9	45.3
≥ 9000		41.4	42.3	44.5	45.1	45.3	45.6	45.6	45.7	46.0	46.1	46.2	46.2	46.4	46.5	46.8
≥ 8000		46.2	47.6	49.7	50.7	50.9	51.3	51.3	51.4	51.7	51.8	51.8	51.9	52.1	52.1	52.5
≥ 7000		49.0	50.8	52.9	53.9	54.2	54.6	54.6	54.7	55.0	55.1	55.2	55.2	55.4	55.5	55.8
≥ 6000		51.2	53.1	55.3	56.3	56.6	57.0	57.0	57.1	57.4	57.5	57.6	57.6	57.9	57.9	58.2
≥ 5000		54.3	56.4	58.6	59.6	59.8	60.3	60.3	60.4	60.7	60.8	60.9	61.0	61.2	61.2	61.5
≥ 4500		56.1	58.2	60.5	61.5	61.8	62.2	62.3	62.4	62.7	62.8	62.9	63.0	63.2	63.2	63.6
≥ 4000		60.1	62.4	64.9	65.9	66.2	66.6	66.7	66.9	67.1	67.3	67.4	67.4	67.7	67.7	68.0
≥ 3500		64.6	67.3	69.5	70.9	71.3	71.8	71.9	72.1	72.3	72.5	72.6	72.6	72.9	72.9	73.2
≥ 3000		68.8	72.1	75.1	76.3	76.7	77.3	77.4	77.8	77.8	78.0	78.1	78.1	78.4	78.4	78.7
≥ 2500		72.2	76.0	79.3	80.8	81.2	81.8	81.9	82.0	82.3	82.5	82.6	82.6	82.9	82.9	83.2
≥ 2000		74.6	79.0	83.0	84.6	85.0	85.7	85.8	85.9	86.2	86.4	86.5	86.5	86.7	86.8	87.1
≥ 1800		75.6	80.3	84.3	85.9	86.3	87.1	87.2	87.4	87.6	87.8	87.9	87.9	88.2	88.2	88.5
≥ 1500		76.9	82.2	86.6	88.3	88.9	89.8	90.0	90.2	90.5	90.7	90.8	90.8	91.0	91.1	91.4
≥ 1200		77.7	83.4	88.3	90.5	91.3	92.3	92.7	92.8	93.1	93.3	93.4	93.4	93.7	93.7	94.0
≥ 1000		78.1	84.0	89.0	91.4	92.2	93.3	94.1	94.2	94.7	94.8	94.9	94.9	95.2	95.2	95.6
≥ 900		78.3	84.3	89.4	91.8	92.6	94.1	94.6	94.7	95.3	95.4	95.5	95.6	95.8	95.9	96.2
≥ 800		78.4	84.7	89.7	92.3	93.2	94.7	95.4	95.5	96.2	96.4	96.5	96.6	96.8	96.8	97.2
≥ 700		78.4	84.7	89.9	92.4	93.3	95.0	95.8	95.9	96.8	96.9	97.0	97.1	97.3	97.3	97.7
≥ 600		78.4	84.7	90.0	92.5	93.4	95.3	96.3	96.7	97.6	97.7	97.8	97.9	98.1	98.2	98.5
≥ 500		78.4	84.7	90.1	92.6	93.5	95.5	96.8	97.2	98.1	98.3	98.4	98.5	98.7	98.7	99.1
≥ 400		78.4	84.7	90.1	92.7	93.6	95.5	96.9	97.2	98.4	98.6	98.7	98.8	99.0	99.1	99.6
≥ 300		78.4	84.7	90.1	92.7	93.6	95.6	97.0	97.3	98.6	98.9	99.0	99.1	99.3	99.4	99.9
≥ 200		78.4	84.7	90.1	92.7	93.6	95.6	97.0	97.3	98.6	98.9	99.0	99.1	99.3	99.4	100.0
≥ 100		78.4	84.7	90.1	92.7	93.6	95.6	97.0	97.3	98.6	98.9	99.0	99.1	99.3	99.4	100.0
≥ 0		78.4	84.7	90.1	92.7	93.6	95.6	97.0	97.3	98.6	98.9	99.0	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2712

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS

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	≥ ⅜	≥ ¼
NO CEILING		36.7	38.4	40.7	42.2	42.6	43.2	43.6	43.6	44.1	44.4	44.8	44.9	45.5	45.6	46.2
≥ 20000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 18000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 16000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 14000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 12000		42.6	44.5	47.0	48.6	48.9	49.6	50.0	50.1	50.6	51.0	51.1	51.5	52.1	52.4	52.9
≥ 10000		44.9	46.9	49.4	51.0	51.3	52.0	52.4	52.5	53.0	53.4	53.5	53.9	54.5	54.8	55.3
≥ 9000		45.0	48.0	50.5	52.1	52.4	53.0	53.5	53.6	54.1	54.5	54.6	55.0	55.6	55.9	56.4
≥ 8000		48.5	51.0	53.6	55.3	55.7	56.4	56.9	57.0	57.5	57.9	58.1	58.4	59.1	59.4	59.9
≥ 7000		51.1	53.9	56.5	58.4	58.8	59.6	60.1	60.1	60.7	61.1	61.2	61.6	62.3	62.6	63.0
≥ 6000		52.8	55.7	58.4	60.4	60.8	61.6	62.1	62.1	62.6	63.0	63.2	63.6	64.2	64.5	65.0
≥ 5000		55.1	58.1	60.9	62.9	63.2	64.0	64.5	64.6	65.1	65.5	65.7	66.0	66.7	67.0	67.5
≥ 4500		57.0	60.1	62.9	64.9	65.3	66.1	66.6	66.6	67.1	67.5	67.7	68.1	68.8	69.0	69.5
≥ 4000		59.4	62.9	65.7	67.7	68.1	68.9	69.4	69.5	70.0	70.4	70.5	70.9	71.6	71.9	72.3
≥ 3500		62.7	66.4	69.6	71.7	72.1	72.9	73.4	73.6	74.1	74.5	74.7	75.1	75.7	76.0	76.5
≥ 3000		67.1	71.5	74.9	77.4	77.9	78.8	79.3	79.5	80.0	80.4	80.7	81.0	81.7	82.0	82.5
≥ 2500		69.8	74.4	78.1	80.8	81.2	82.4	83.0	83.2	83.8	84.2	84.4	84.8	85.4	85.7	86.2
≥ 2000		71.0	75.7	79.9	83.3	83.7	85.1	85.8	86.0	86.6	87.0	87.2	87.5	88.2	88.5	89.0
≥ 1800		71.2	75.9	80.3	83.7	84.2	85.6	86.3	86.4	87.0	87.4	87.7	88.0	88.7	89.0	89.5
≥ 1500		71.8	76.7	81.8	85.6	86.1	87.9	88.6	88.8	89.5	89.9	90.1	90.4	91.1	91.4	91.9
≥ 1200		72.1	77.2	82.4	86.0	86.5	87.9	89.2	89.4	90.1	90.5	90.7	91.1	91.8	92.1	92.6
≥ 1000		72.2	77.4	82.8	87.1	87.7	89.1	90.1	90.4	91.1	91.5	91.7	92.1	92.8	93.1	93.6
≥ 900		72.3	77.5	83.0	87.5	88.2	89.8	91.0	91.1	91.9	92.2	92.4	92.8	93.5	93.8	94.3
≥ 800		72.3	77.6	83.2	87.7	88.5	90.1	91.3	91.4	92.2	92.7	92.9	93.3	94.0	94.3	94.8
≥ 700		72.4	77.6	83.2	87.9	88.8	90.6	91.9	92.2	93.0	93.4	93.7	94.1	94.8	95.1	95.6
≥ 600		72.4	77.6	83.2	87.9	88.9	90.7	92.0	92.3	93.1	93.5	93.8	94.2	94.9	95.3	96.0
≥ 500		72.4	77.6	83.2	87.9	88.9	91.0	92.2	92.6	93.4	93.9	94.2	94.6	95.2	95.5	96.2
≥ 400		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.5	94.0	94.3	94.7	95.3	95.6	96.3
≥ 300		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3
≥ 200		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3
≥ 100		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3
≥ 0		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ ⅜	≥ ¼
NO CEILING		36.7	38.4	40.7	42.2	42.6	43.2	43.6	43.6	44.1	44.4	44.8	44.9	45.5	45.6	46.2
≥ 20000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 18000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 16000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 14000		42.1	44.1	46.6	48.1	48.5	49.1	49.6	49.6	50.1	50.5	50.6	51.0	51.6	51.9	52.4
≥ 12000		42.6	44.5	47.0	48.6	48.9	49.6	50.0	50.1	50.6	51.0	51.1	51.5	52.1	52.4	52.9
≥ 10000		44.9	46.9	49.4	51.0	51.3	52.0	52.4	52.5	53.0	53.4	53.5	53.9	54.5	54.8	55.3
≥ 9000		45.0	48.0	50.5	52.1	52.4	53.0	53.5	53.6	54.1	54.5	54.6	55.0	55.6	55.9	56.4
≥ 8000		48.5	51.0	53.6	55.3	55.7	56.4	56.9	57.0	57.5	57.9	58.1	58.4	59.1	59.4	59.9
≥ 7000		51.1	53.9	56.5	58.4	58.8	59.6	60.1	60.1	60.7	61.1	61.2	61.6	62.3	62.6	63.0
≥ 6000		52.8	55.7	58.4	60.4	60.8	61.6	62.1	62.1	62.6	63.0	63.2	63.6	64.2	64.5	65.0
≥ 5000		55.1	58.1	60.9	62.9	63.2	64.0	64.5	64.6	65.1	65.5	65.7	66.0	66.7	67.0	67.5
≥ 4500		57.0	60.1	62.9	64.9	65.3	66.1	66.6	66.6	67.1	67.5	67.7	68.1	68.8	69.0	69.5
≥ 4000		59.4	62.9	65.7	67.7	68.1	68.9	69.4	69.5	70.0	70.4	70.5	70.9	71.6	71.9	72.3
≥ 3500		62.7	66.4	69.6	71.7	72.1	72.9	73.4	73.6	74.1	74.5	74.7	75.1	75.7	76.0	76.5
≥ 3000		67.1	71.5	74.9	77.4	77.9	78.8	79.3	79.5	80.0	80.4	80.7	81.0	81.7	82.0	82.5
≥ 2500		69.8	74.4	78.1	80.8	81.2	82.4	83.0	83.2	83.8	84.2	84.4	84.8	85.4	85.7	86.2
≥ 2000		71.0	75.7	79.9	83.3	83.7	85.1	85.8	86.0	86.6	87.0	87.2	87.5	88.2	88.5	89.0
≥ 1800		71.2	75.9	80.3	83.7	84.2	85.6	86.3	86.4	87.0	87.4	87.7	88.0	88.7	89.0	89.5
≥ 1500		71.8	76.7	81.8	85.6	86.1	87.9	88.6	88.8	89.5	89.9	90.1	90.4	91.1	91.4	91.9
≥ 1200		72.1	77.2	82.4	86.0	86.5	87.9	89.2	89.4	90.1	90.5	90.7	91.1	91.8	92.1	92.6
≥ 1000		72.2	77.4	82.8	87.1	87.7	89.1	90.1	90.4	91.1	91.5	91.7	92.1	92.8	93.1	93.6
≥ 900		72.3	77.5	83.0	87.5	88.2	89.8	91.0	91.1	91.9	92.2	92.4	92.8	93.5	93.8	94.3
≥ 800		72.3	77.6	83.2	87.7	88.5	90.1	91.3	91.4	92.2	92.7	92.9	93.3	94.0	94.3	94.8
≥ 700		72.4	77.6	83.2	87.9	88.8	90.6	91.9	92.2	93.0	93.4	93.7	94.1	94.8	95.1	95.6
≥ 600		72.4	77.6	83.2	87.9	88.9	90.7	92.0	92.3	93.1	93.5	93.8	94.2	94.9	95.3	96.0
≥ 500		72.4	77.6	83.2	87.9	88.9	91.0	92.2	92.6	93.4	93.9	94.2	94.6	95.2	95.5	96.2
≥ 400		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.5	94.0	94.3	94.7	95.3	95.6	96.3
≥ 300		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3
≥ 200		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3
≥ 100		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3
≥ 0		72.4	77.6	83.2	87.9	88.9	91.0	92.3	92.7	93.6	94.0	94.3	94.7	95.3	95.6	96.3

TOTAL NUMBER OF OBSERVATIONS 2730

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	½	≥5/16	<5/16	
NO CEILING		45.1	46.6	48.3	48.8	49.1	49.5	49.9	50.0	50.3	50.6	50.7	51.0	51.4	51.6	52.
≥ 20000		48.7	50.3	52.2	52.7	53.1	53.6	53.9	54.0	54.4	54.7	54.8	55.1	55.5	55.7	56.1
≥ 18000		48.9	50.4	52.3	51.9	53.3	53.7	54.1	54.2	54.5	54.8	54.9	55.2	55.7	55.8	56.3
≥ 16000		48.9	50.4	52.4	52.9	53.3	53.7	54.1	54.2	54.5	54.8	54.9	55.2	55.7	55.8	56.3
≥ 14000		49.0	50.5	52.4	53.0	53.4	53.8	54.2	54.3	54.7	54.9	55.0	55.3	55.8	55.9	56.4
≥ 12000		49.5	51.0	52.9	53.5	53.9	54.3	54.7	54.8	55.2	55.4	55.5	55.8	56.3	56.5	56.9
≥ 10000		51.1	52.7	54.6	55.2	55.6	56.0	56.4	56.5	56.9	57.1	57.2	57.5	58.0	58.2	58.6
≥ 9000		52.1	53.7	55.6	56.1	56.6	57.0	57.4	57.5	57.9	58.2	58.3	58.6	59.0	59.2	59.6
≥ 8000		54.8	55.9	57.9	58.4	58.8	59.2	59.7	59.8	60.1	60.4	60.5	60.8	61.3	61.4	61.8
≥ 7000		56.2	57.8	59.8	60.3	60.7	61.2	61.6	61.7	62.0	62.3	62.5	62.8	63.3	63.4	63.9
≥ 6000		56.8	58.4	60.4	60.9	61.4	61.9	62.2	62.4	62.7	63.0	63.1	63.4	64.0	64.1	64.5
≥ 5000		59.4	61.2	63.3	64.0	64.5	65.0	65.3	65.5	65.8	66.1	66.2	66.5	67.1	67.2	67.6
≥ 4500		61.0	62.8	64.9	65.7	66.1	66.6	67.0	67.1	67.5	67.7	67.9	68.2	68.7	68.8	69.2
≥ 4000		63.2	65.1	67.2	68.0	68.4	68.9	69.3	69.4	69.8	70.1	70.2	70.5	71.0	71.2	71.6
≥ 3500		64.9	66.8	69.0	69.7	70.2	70.8	71.2	71.3	71.7	72.0	72.1	72.4	72.9	73.1	73.5
≥ 3000		67.3	69.4	71.9	72.8	73.4	74.0	74.4	74.8	74.9	75.2	75.3	75.6	76.1	76.3	76.7
≥ 2500		69.9	72.3	75.0	75.9	76.5	77.1	77.5	77.6	78.0	78.3	78.4	78.7	79.3	79.4	79.8
≥ 2000		71.2	73.7	76.6	77.6	78.3	79.0	79.5	79.6	80.0	80.3	80.4	80.7	81.2	81.4	81.8
≥ 1800		71.8	74.1	77.2	78.2	79.0	80.4	80.9	81.0	81.4	81.6	81.8	82.1	82.6	82.7	83.2
≥ 1500		73.2	76.2	79.5	80.7	81.6	82.9	83.0	83.1	83.5	83.8	83.9	84.2	84.7	84.9	85.3
≥ 1200		73.5	76.9	80.3	81.8	82.9	83.8	84.5	84.7	85.3	85.6	85.7	86.0	86.5	86.6	87.1
≥ 1000		73.9	77.2	81.1	82.9	84.4	85.6	86.6	86.9	87.6	87.8	88.0	88.3	88.8	88.9	89.4
≥ 900		73.9	77.3	81.2	83.1	84.7	86.2	87.3	87.6	88.3	88.6	88.7	89.0	89.5	89.7	90.2
≥ 800		73.9	77.3	81.3	83.4	85.1	86.6	88.0	88.4	89.3	89.5	89.7	90.0	90.5	90.6	91.1
≥ 700		73.9	77.3	81.6	83.9	85.6	87.3	89.5	90.2	91.4	91.7	91.9	92.2	92.7	92.8	93.3
≥ 600		73.9	77.3	81.7	84.0	85.8	87.7	90.2	91.1	92.9	93.4	93.6	93.9	94.4	94.5	95.0
≥ 500		73.9	77.3	81.9	84.2	86.0	88.0	90.8	91.9	94.4	95.0	95.3	95.6	96.3	96.5	96.9
≥ 400		73.9	77.3	81.9	84.2	86.0	88.0	90.9	91.9	94.9	95.8	96.2	96.8	97.7	97.8	98.4
≥ 300		73.9	77.3	81.9	84.2	86.0	88.0	90.9	91.9	95.0	96.1	96.6	97.1	98.2	98.4	99.1
≥ 200		73.9	77.3	81.9	84.2	86.0	88.0	90.9	91.9	95.0	96.1	96.6	97.1	98.3	98.5	99.7
≥ 100		73.9	77.3	81.9	84.2	86.0	88.0	90.9	91.9	95.0	96.1	96.6	97.1	98.3	98.5	99.9
0		73.9	77.3	81.9	84.2	86.0	88.0	90.9	91.9	95.0	96.1	96.6	97.1	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2935

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS)

ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥⅜	≥¼	<
NO CEILING		25.5	26.2	27.1	27.5	27.8	28.0	28.4	28.4	28.6	28.6	28.6	28.7	28.9	28.9	29.
≥ 20000		31.1	32.1	33.0	33.5	33.8	34.1	34.5	34.6	34.7	34.7	34.8	35.1	35.1	35.2	
≥ 18000		31.1	32.1	33.0	33.5	33.8	34.1	34.5	34.6	34.7	34.8	34.8	34.9	35.1	35.1	35.2
≥ 16000		31.1	32.1	33.0	33.5	33.8	34.1	34.5	34.6	34.7	34.8	34.8	34.9	35.1	35.1	35.2
≥ 14000		31.3	32.2	33.2	33.7	34.0	34.3	34.7	34.8	34.9	34.9	34.9	35.0	35.2	35.2	35.4
≥ 12000		31.8	32.7	33.7	34.2	34.5	34.8	35.2	35.2	35.3	35.4	35.4	35.5	35.7	35.7	35.8
≥ 10000		33.4	34.4	35.4	35.9	36.2	36.5	36.9	37.0	37.1	37.1	37.1	37.2	37.5	37.5	37.6
≥ 9000		34.0	35.0	36.0	36.6	36.9	37.2	37.6	37.7	37.8	37.8	37.9	38.0	38.2	38.2	38.3
≥ 8000		36.5	37.6	38.6	39.4	39.7	40.1	40.6	40.6	40.8	40.8	40.9	41.0	41.2	41.2	41.4
≥ 7000		39.1	40.1	41.2	42.0	42.4	42.8	43.3	43.4	43.6	43.7	43.8	43.9	44.1	44.1	44.3
≥ 6000		40.5	41.6	42.6	43.2	43.9	44.3	44.9	45.0	45.2	45.3	45.3	45.4	45.7	45.7	45.8
≥ 5000		43.2	44.4	45.6	46.5	46.9	47.3	47.9	48.0	48.2	48.3	48.4	48.5	48.7	48.7	48.9
≥ 4500		46.8	46.5	47.8	48.7	49.1	49.5	50.1	50.2	50.4	50.5	50.6	50.7	50.9	50.9	51.1
≥ 4000		47.5	48.8	50.0	51.0	51.5	52.1	52.7	52.8	53.1	53.2	53.3	53.4	53.6	53.6	53.8
≥ 3500		50.0	51.4	52.9	53.8	54.5	55.1	55.8	55.9	56.2	56.3	56.3	56.4	56.7	56.7	56.9
≥ 3000		52.1	53.7	55.4	56.6	57.3	58.1	58.8	58.9	59.2	59.3	59.4	59.5	59.7	59.7	59.9
≥ 2500		55.0	56.9	59.0	60.6	61.5	62.3	63.0	63.1	63.5	63.6	63.6	63.7	63.9	63.9	64.1
≥ 2000		56.7	59.0	61.5	63.4	64.3	65.2	66.0	66.1	66.4	66.5	66.6	66.7	66.9	66.9	67.1
≥ 1800		57.4	59.9	62.6	64.6	65.5	66.6	67.4	67.6	67.9	68.0	68.0	68.1	68.4	68.4	68.6
≥ 1500		58.7	61.5	64.6	67.1	68.2	69.3	70.6	70.9	71.3	71.4	71.5	71.6	71.8	71.8	72.0
≥ 1200		59.7	62.7	66.4	69.3	70.6	72.2	73.6	73.9	74.4	74.5	74.6	74.7	74.9	74.9	75.1
≥ 1000		60.0	63.2	67.3	70.7	72.1	74.3	76.1	76.6	77.4	77.7	77.8	77.9	78.1	78.1	78.3
≥ 900		60.2	63.5	67.6	71.2	72.7	75.3	77.1	77.6	78.6	78.9	79.1	79.2	79.5	79.5	79.7
≥ 800		60.2	63.6	67.8	71.6	73.1	76.3	78.5	79.2	80.6	81.0	81.1	81.3	81.6	81.6	81.8
≥ 700		60.3	63.7	68.0	72.0	73.7	77.5	80.2	81.0	82.6	83.0	83.2	84.2	84.5	84.5	84.7
≥ 600		60.6	63.8	68.2	72.3	74.0	78.2	81.2	82.2	84.3	85.5	86.0	86.5	86.9	86.9	87.1
≥ 500		60.4	63.5	68.2	72.5	74.2	78.8	82.4	83.7	86.7	88.3	89.0	89.7	90.2	90.2	90.5
≥ 400		60.4	63.8	68.3	72.5	74.3	79.0	83.0	84.7	88.0	90.0	90.7	91.8	92.4	92.4	92.9
≥ 300		60.4	63.8	68.3	72.5	74.3	79.1	83.2	85.1	89.0	91.3	92.1	93.7	95.0	95.1	96.3
≥ 200		60.4	63.8	68.3	72.5	74.3	79.1	83.2	85.1	89.0	91.4	92.3	94.0	95.8	96.0	98.2
≥ 100		60.4	63.8	68.3	72.5	74.3	79.1	83.2	85.1	89.0	91.4	92.3	94.1	96.0	96.3	97.6
0		60.4	63.8	68.3	72.5	74.3	79.1	83.2	85.1	89.0	91.4	92.3	94.1	96.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3044

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34127 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥7/16	≥¼	≥
NO CEILING		20.6	21.7	22.7	22.9	23.1	23.7	24.1	24.1	24.4	24.6	24.8	24.8	25.0	25.2	25.
≥ 20000		23.7	25.0	26.1	26.2	26.5	27.1	27.5	27.5	27.9	28.0	28.2	28.3	28.5	28.7	28.
≥ 18000		23.8	25.2	26.3	26.5	26.7	27.3	27.7	27.7	28.1	28.2	28.4	28.5	28.6	28.8	29.1
≥ 16000		23.8	25.2	26.3	26.5	26.7	27.3	27.7	27.7	28.1	28.2	28.4	28.5	28.6	28.8	29.1
≥ 14000		24.0	25.3	26.4	26.6	26.8	27.4	27.9	27.9	28.2	28.3	28.6	28.6	28.8	29.0	29.3
≥ 12000		24.0	25.3	26.4	26.6	26.8	27.4	27.9	27.9	28.2	28.3	28.6	28.6	28.8	29.0	29.3
≥ 10000		25.8	26.7	27.8	28.0	28.2	28.8	29.3	29.3	29.6	29.8	30.0	30.1	30.2	30.4	30.7
≥ 9000		26.3	27.7	28.8	29.0	29.2	29.8	30.3	30.3	30.7	30.8	31.0	31.1	31.2	31.3	31.6
≥ 8000		28.9	30.4	31.5	31.8	32.0	32.6	33.0	33.0	33.5	33.6	33.8	33.9	34.0	34.3	34.5
≥ 7000		31.6	33.3	34.5	34.7	34.9	35.5	36.0	36.0	36.4	36.6	36.8	36.9	37.0	37.3	37.5
≥ 6000		33.4	35.0	36.2	36.5	36.7	37.4	37.9	37.9	38.4	38.6	38.8	38.9	39.0	39.3	39.7
≥ 5000		35.5	37.2	38.4	38.7	38.9	39.7	40.2	40.2	40.6	40.8	41.1	41.1	41.3	41.5	41.9
≥ 4500		37.9	39.6	40.8	41.2	41.4	42.2	42.7	42.7	43.2	43.4	43.6	43.7	43.8	44.1	44.5
≥ 4000		39.7	41.5	42.8	43.4	43.5	44.4	45.1	45.1	45.7	45.9	46.1	46.2	46.3	46.6	47.0
≥ 3500		42.9	44.8	46.1	46.7	46.9	47.7	[illegible]	48.5	49.1	49.3	49.6	49.6	49.8	50.0	50.4
≥ 3000		46.6	48.7	50.5	51.2	51.6	[illegible]	53.6	53.7	54.4	54.6	54.9	55.0	55.1	55.3	55.8
≥ 2500		50.3	52.9	55.2	56.2	56.9	[illegible]	58.9	58.9	59.8	60.0	60.2	60.3	60.5	60.7	61.1
≥ 2000		52.6	55.6	59.0	60.7	61.4	62.7	63.6	63.7	64.6	64.9	65.1	65.2	65.4	65.6	66.0
≥ 1800		53.1	56.3	60.0	61.7	62.4	64.2	65.1	65.2	66.2	66.5	66.7	66.8	66.9	67.2	67.6
≥ 1500		54.6	58.1	61.8	64.0	65.0	67.1	68.5	68.6	69.8	70.2	70.4	70.5	70.6	70.9	71.3
≥ 1200		55.4	59.4	63.8	66.5	67.8	70.6	72.1	72.3	74.0	74.5	74.9	75.0	75.1	75.3	75.8
≥ 1000		55.6	59.8	64.2	67.2	68.7	72.0	74.0	74.4	76.2	76.8	77.3	77.5	77.6	77.9	78.3
≥ 900		55.6	59.8	64.2	67.4	68.9	72.4	74.6	75.2	77.4	78.2	78.9	79.1	79.2	79.5	79.9
≥ 800		55.6	59.9	64.6	67.8	69.7	73.6	76.4	77.0	79.7	80.8	81.5	81.8	82.0	82.2	82.7
≥ 700		55.8	60.2	64.9	68.2	70.3	74.8	77.6	78.4	81.5	82.8	83.8	84.3	84.5	84.7	85.1
≥ 600		55.9	60.3	65.1	68.5	70.5	75.2	78.7	79.6	83.3	85.0	86.1	86.6	86.9	87.2	87.6
≥ 500		56.0	60.4	65.3	68.7	70.8	75.7	79.4	80.4	84.9	87.4	88.5	89.6	90.2	90.4	90.9
≥ 400		56.0	60.4	65.3	68.8	70.9	75.9	80.0	81.1	86.3	89.7	90.4	91.7	92.6	92.9	93.5
≥ 300		56.0	60.4	65.4	68.9	71.0	76.3	80.8	82.2	87.9	90.9	92.0	93.3	95.5	96.0	97.0
≥ 200		56.0	60.4	65.4	69.0	71.0	76.4	80.9	82.4	88.3	91.4	93.2	95.0	96.8	97.6	99.2
≥ 100		56.0	60.4	65.4	69.0	71.0	76.4	80.9	82.4	88.3	91.4	93.2	95.0	96.8	97.7	100.0
0		56.0	60.4	65.4	69.0	71.0	76.4	80.9	82.4	88.3	91.4	93.2	95.0	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2875

DATA PROCESSING DIVISION
USAF ETAC
1 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 BAD TOLZ GERMANY AAF 69
STATION STATION NAME MONTH

(JAN-DEC)
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 6000 ≥ 5000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 4500 ≥ 4000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 3500 ≥ 3000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 2500 ≥ 2000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 1800 ≥ 1500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 1200 ≥ 1000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 900 ≥ 800		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 700 ≥ 600		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 500 ≥ 400		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 300 ≥ 200		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 100 0		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	

TOTAL NUMBER OF OBSERVATIONS 2

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAB TOLZ GERMANY AAF STATION NAME | 66-70 YEARS | [illegible] MONTH

[illegible]300-0500 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		22,8	22,8	24,1	24,6	24,6	26,8	27,2	27,7	29,5	29,5	30,4	30,4	31,3	31,7	32,1
≥ 20000		24,6	24,6	25,9	26,3	26,3	28,6	29,0	29,5	31,3	31,3	32,1	32,1	33,0	33,5	33,9
≥ 18000		24,6	24,6	25,9	26,3	26,3	28,6	29,0	29,5	31,3	31,3	32,1	32,1	33,0	33,5	33,9
≥ 16000		24,6	24,6	25,9	26,3	26,3	28,6	29,0	29,5	31,3	31,3	32,1	32,1	33,0	33,5	33,9
≥ 14000		24,6	24,6	25,9	26,3	26,3	28,6	29,0	29,5	31,3	31,3	32,1	32,1	33,0	33,5	33,9
≥ 12000		24,6	24,6	25,9	26,3	26,3	28,6	29,0	29,5	31,3	31,3	32,1	32,1	33,0	33,5	33,9
≥ 10000		27,2	27,2	28,6	29,0	29,0	31,3	31,7	32,1	33,9	33,9	34,8	34,8	35,7	36,2	36,6
≥ 9000		28,1	28,1	29,5	29,9	29,9	32,1	32,6	33,0	34,8	34,8	35,7	35,7	36,6	37,1	37,5
≥ 8000		30,4	30,4	31,7	32,1	32,1	34,4	34,8	35,3	37,1	37,1	37,9	37,9	38,8	39,3	39,7
≥ 7000		30,8	30,8	32,1	32,6	32,6	34,8	35,3	35,7	37,5	37,5	38,4	38,4	39,3	39,7	40,2
≥ 6000		32,1	32,1	33,5	33,9	33,9	36,2	36,6	37,1	38,8	38,8	39,7	39,7	40,6	41,1	41,5
≥ 5000		36,2	36,2	37,5	37,9	37,9	40,2	40,6	41,1	42,9	42,9	43,8	43,8	44,6	45,1	45,5
≥ 4500		37,5	37,5	38,8	39,3	39,3	41,5	42,0	42,4	44,2	44,2	45,1	45,1	46,0	46,4	46,9
≥ 4000		38,4	38,8	40,2	40,6	40,6	42,9	43,3	43,8	45,5	45,5	46,4	46,4	47,3	47,8	48,2
≥ 3500		41,5	42,9	44,2	44,6	44,6	46,9	47,3	47,9	49,6	49,6	50,4	50,4	51,3	51,8	52,2
≥ 3000		44,2	46,0	47,8	49,1	49,1	51,3	51,8	52,2	54,5	54,5	55,4	55,4	56,3	56,7	57,1
≥ 2500		46,4	49,1	50,9	53,1	53,1	55,8	56,2	57,1	59,4	59,4	60,7	60,7	61,6	62,1	62,5
≥ 2000		48,2	51,3	53,1	55,8	56,7	60,2	61,6	62,1	64,3	64,3	65,2	65,2	66,1	66,5	67,0
≥ 1800		48,2	51,8	54,5	57,1	58,0	62,9	63,8	64,3	67,0	67,0	67,9	67,9	68,8	69,2	69,6
≥ 1500		48,2	51,8	55,4	58,5	59,4	64,3	67,4	68,3	71,4	71,4	72,3	72,3	73,2	73,7	74,1
≥ 1200		49,1	52,7	57,1	62,1	62,9	68,8	71,9	72,8	75,9	75,9	76,8	76,8	77,7	78,1	78,6
≥ 1000		49,1	52,7	57,1	62,9	63,8	69,6	73,2	75,0	79,5	79,9	82,1	82,6	83,9	84,4	84,8
≥ 900		49,6	53,1	57,6	63,4	64,3	70,5	74,6	76,3	81,3	82,1	84,4	84,8	86,2	86,6	87,1
≥ 800		49,6	53,1	57,6	63,4	64,3	71,0	75,0	77,2	82,6	83,9	87,1	87,5	88,8	89,3	89,7
≥ 700		50,0	53,6	58,9	64,7	65,6	72,3	77,7	79,9	85,7	87,1	90,2	90,6	92,0	92,4	92,9
≥ 600		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	87,5	89,3	92,9	93,3	94,6	95,1	95,5
≥ 500		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	87,9	89,7	93,3	93,8	95,1	95,5	96,0
≥ 400		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	87,9	89,7	93,3	93,8	95,1	95,5	96,0
≥ 300		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	87,9	89,7	93,3	94,6	96,0	96,4	96,9
≥ 200		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	88,4	90,2	94,2	95,1	96,4	97,3	98,7
≥ 100		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	88,4	90,2	94,2	95,1	96,4	97,3	100,0
0		50,0	54,5	60,3	66,1	67,0	74,6	79,5	81,7	88,4	90,2	94,2	95,1	96,4	97,3	100,0

TOTAL NUMBER OF OBSERVATIONS 224

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | JUN H

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		22,5	22,7	23,9	24,3	24,5	25,5	25,9	25,9	26,8	26,8	27,5	27,9	28,6	29,1	27,3
≥ 20000		24,3	24,5	25,7	26,1	26,4	27,3	27,7	27,7	28,6	28,8	29,5	30,0	30,6	31,1	31,3
AAV 18000		24,3	24,5	25,7	26,1	26,4	27,3	27,7	27,7	28,6	28,8	29,5	30,0	30,6	31,1	31,3
AAV 16000		24,3	24,5	25,7	26,1	26,4	27,3	27,7	27,7	28,6	28,8	29,5	30,0	30,6	31,1	31,3
AAV 14000		24,3	24,5	25,7	26,1	26,4	27,3	27,7	27,7	28,6	28,8	29,5	30,0	30,6	31,1	31,3
AAV 12000		24,5	24,8	25,9	26,4	26,6	27,5	27,9	27,9	28,8	29,1	29,7	30,2	30,9	31,3	31,5
AAV 10000		27,0	27,3	28,4	28,8	29,1	30,0	30,4	30,4	31,3	31,5	32,2	32,7	33,3	33,8	34,0
AAV 9000		28,2	28,4	29,5	30,0	30,2	31,1	31,5	31,5	32,4	32,7	33,3	33,8	34,5	34,9	35,1
AAV 8000		31,5	31,8	32,9	33,3	33,6	34,5	34,9	34,9	35,8	36,0	36,7	37,2	37,8	38,3	38,5
AAV 7000		33,3	33,6	34,7	35,1	35,6	36,5	36,9	36,9	37,8	38,1	38,7	39,2	39,9	40,3	40,5
AAV 6000		35,6	35,8	36,7	37,2	37,6	38,5	39,0	39,0	39,9	40,1	40,9	41,2	41,9	42,3	42,6
AAV 5000		38,3	38,7	39,9	40,3	40,8	41,7	42,1	42,1	43,0	43,2	43,9	44,4	45,0	45,5	45,7
AAV 4500		41,2	41,7	42,8	43,2	43,7	44,6	45,0	45,0	45,9	46,2	46,8	47,3	48,0	48,4	48,6
AAV 4000		42,3	42,8	43,9	44,4	44,8	45,7	46,2	46,4	47,3	47,5	48,2	48,6	49,3	49,8	50,0
AAV 3500		44,8	45,7	47,1	47,7	48,2	49,1	49,5	49,8	50,7	50,9	51,6	52,0	52,7	53,2	53,4
AAV 3000		47,1	48,2	50,2	50,9	51,4	52,5	52,9	53,4	54,5	54,7	55,4	55,9	56,5	57,0	57,2
AAV 2500		49,3	50,5	53,4	54,7	55,4	56,5	57,4	57,9	59,2	59,5	60,1	60,6	61,3	61,7	61,9
AAV 2000		51,1	52,7	55,6	57,4	58,1	60,6	61,5	61,9	63,5	63,7	64,4	64,9	65,5	66,0	66,2
AAV 1800		51,6	52,9	56,3	59,0	59,7	62,4	63,5	64,0	65,5	65,8	66,4	66,9	67,6	68,0	68,2
AAV 1500		52,7	54,7	58,8	62,4	63,1	66,9	68,9	69,8	72,1	72,3	73,0	73,4	74,1	74,5	74,8
AAV 1200		53,6	56,5	61,0	63,5	66,4	70,7	73,0	74,1	77,3	77,7	78,4	78,8	79,5	80,0	80,2
AAV 1000		54,1	56,9	61,7	66,2	67,1	71,6	74,1	75,9	80,2	81,1	81,8	82,2	82,9	83,3	83,6
AAV 900		54,3	57,0	61,9	66,4	67,3	71,8	74,8	76,8	81,3	82,4	83,6	84,0	84,7	85,1	85,4
AAV 800		54,3	57,0	61,9	66,4	67,3	71,8	75,0	77,3	82,7	84,2	85,8	86,3	87,2	87,6	87,8
AAV 700		54,3	57,7	62,6	67,1	68,0	72,5	76,6	79,1	85,5	87,4	89,2	89,6	90,5	91,0	91,2
AAV 600		54,3	58,1	63,1	67,8	68,7	73,4	77,5	80,0	86,7	88,7	91,0	91,7	92,6	93,0	93,2
AAV 500		54,3	58,1	63,3	68,0	68,9	73,6	77,7	80,6	87,6	89,6	91,9	92,6	93,7	94,1	94,4
AAV 400		54,3	58,1	63,3	68,2	69,1	73,9	77,9	80,9	88,3	91,0	93,2	94,1	95,3	96,4	96,6
AAV 300		54,3	58,1	63,3	68,2	69,1	73,9	77,9	81,1	88,8	91,2	93,7	94,6	95,7	96,8	97,5
AAV 200		54,3	58,1	63,3	68,2	69,1	73,9	77,9	81,1	88,5	91,2	93,7	95,0	96,6	97,7	99,3
AAV 100		54,3	58,1	63,3	68,2	69,1	73,9	77,9	81,1	88,5	91,2	93,7	95,0	96,6	98,0	100,0
0		54,3	58,1	63,3	68,2	69,1	73,9	77,9	81,1	88,5	91,2	93,7	95,0	96,6	98,0	100,0

TOTAL NUMBER OF OBSERVATIONS 444

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) 8AB TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS)

(MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOURS LST) 0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥7/16	≥¼	≥0
NO CEILING		24.4	26.5	27.7	28.3	28.7	29.4	29.6	29.6	30.2	30.2	30.2	30.2	30.4	30.4	30.4
≥ 20000		32.4	34.7	35.9	36.6	37.0	37.8	38.0	38.2	39.0	39.0	39.2	39.2	39.4	39.4	39.4
≥ 18000		32.7	35.1	36.3	37.0	37.4	38.2	38.4	38.6	39.4	39.4	39.6	39.6	39.8	39.8	39.8
≥ 16000		32.7	35.1	36.3	37.0	37.4	38.2	38.4	38.6	39.4	39.4	39.6	39.6	39.8	39.8	39.8
≥ 14000		32.7	35.1	36.3	37.0	37.4	38.2	38.4	38.6	39.4	39.4	39.6	39.6	39.8	39.8	39.8
≥ 12000		32.7	35.1	36.3	37.0	37.4	38.4	38.6	38.8	39.6	39.6	39.8	39.8	40.0	40.0	40.0
≥ 10000		33.9	36.3	37.4	38.2	38.6	39.8	40.0	40.2	40.9	40.9	41.1	41.1	41.3	41.3	41.3
≥ 9000		35.1	37.4	38.6	39.4	39.8	40.9	41.1	41.3	42.1	42.1	42.3	42.3	42.5	42.5	42.5
≥ 8000		39.2	41.9	43.1	44.1	44.4	45.6	45.8	46.0	46.8	46.8	47.0	47.0	47.2	47.2	47.4
≥ 7000		41.3	46.4	45.6	46.6	47.2	48.3	48.5	48.7	49.5	49.5	49.7	49.7	49.9	49.9	50.1
≥ 6000		42.7	45.8	47.0	48.0	48.5	49.7	49.9	50.1	50.9	50.9	51.1	51.1	51.3	51.3	51.5
≥ 5000		44.8	48.1	49.3	50.7	51.3	52.4	52.6	52.8	53.6	53.6	53.8	53.8	54.0	54.0	54.2
≥ 4500		46.2	49.5	50.7	52.0	52.6	53.8	54.0	54.2	55.0	55.0	55.2	55.2	55.4	55.4	55.6
≥ 4000		48.7	52.0	53.4	54.8	55.4	56.7	56.9	57.1	57.9	57.9	58.1	58.1	58.3	58.3	58.5
≥ 3500		49.5	53.0	54.4	55.8	56.3	57.7	57.9	58.1	59.1	59.1	59.3	59.3	59.5	59.6	59.8
≥ 3000		50.9	54.6	56.1	57.5	58.1	59.6	60.0	60.2	61.4	61.4	61.6	61.6	62.0	62.2	62.4
≥ 2500		54.6	58.5	60.8	62.4	63.0	64.7	65.1	65.3	67.3	67.4	67.6	67.6	68.0	68.2	68.4
≥ 2000		55.6	59.5	62.0	63.9	64.7	66.7	67.4	68.0	70.4	70.6	70.8	70.8	71.2	71.3	71.5
≥ 1800		56.3	60.4	63.2	65.1	65.9	68.0	69.4	70.2	72.5	73.1	73.3	73.3	73.7	73.9	74.1
≥ 1500		57.5	62.4	65.1	67.4	68.4	71.3	72.5	73.3	75.8	76.4	76.6	76.6	77.0	77.2	77.4
≥ 1200		59.5	64.5	67.6	70.0	71.2	74.3	75.4	76.4	81.1	82.7	81.9	81.9	82.3	82.5	82.7
≥ 1000		59.8	65.1	68.6	71.2	72.5	75.8	77.0	78.0	83.2	84.0	84.2	84.2	84.6	84.8	85.0
≥ 900		59.8	65.1	68.8	71.3	72.9	76.4	78.0	79.3	85.2	86.0	86.4	86.4	86.7	86.9	87.1
≥ 800		59.8	65.1	69.0	71.5	73.1	76.8	78.4	79.9	86.2	87.7	88.1	88.1	88.5	88.7	88.9
≥ 700		59.8	65.1	69.2	71.7	73.3	77.0	78.6	80.3	87.7	90.1	90.4	90.4	90.8	91.0	91.2
≥ 600		59.8	65.5	69.6	72.1	73.7	77.4	79.1	80.9	89.1	92.2	92.8	93.2	93.6	93.8	94.2
≥ 500		59.8	65.5	69.8	72.3	73.9	77.6	79.3	81.1	89.9	93.0	94.0	94.5	94.9	95.1	95.5
≥ 400		59.8	65.5	69.8	72.3	73.9	77.6	79.3	81.1	90.3	94.0	95.1	96.3	96.7	96.9	97.5
≥ 300		59.8	65.5	69.8	72.3	73.9	77.6	79.3	81.3	90.4	94.2	96.1	97.3	97.7	98.2	98.8
≥ 200		59.8	65.5	69.8	72.3	73.9	77.6	79.5	81.3	90.4	94.2	96.1	97.3	98.2	98.8	99.6
≥ 100		59.8	65.5	69.8	72.3	73.9	77.6	79.5	81.3	90.4	94.2	96.1	97.3	98.2	99.0	100.0
0		59.8	65.5	69.8	72.3	73.9	77.6	79.5	81.3	90.4	94.2	96.1	97.3	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING DIVISION
USAF ETAC
1 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12[illegible]-14[illegible] HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		29,0	30,6	32,6	33,8	34,0	34,6	34,8	34,8	35,4	35,4	35,4	35,4	35,4	35,4	35,4
≥ 20000		37,8	39,4	41,4	42,6	43,0	43,8	44,0	44,2	44,8	44,8	44,8	44,8	44,8	44,8	44,8
≥ 18000		38,0	39,6	41,6	42,8	43,2	44,0	44,2	44,4	45,0	45,0	45,0	45,0	45,0	45,0	45,0
≥ 16000		38,0	39,6	41,6	42,8	43,2	44,0	44,2	44,4	45,0	45,0	45,0	45,0	45,0	45,0	45,0
≥ 14000		38,2	39,8	41,8	43,0	43,4	44,2	44,4	44,6	45,2	45,2	45,2	45,2	45,2	45,2	45,2
≥ 12000		38,4	40,0	42,0	43,2	43,6	44,4	44,6	44,8	45,4	45,4	45,4	45,4	45,4	45,4	45,4
≥ 10000		40,2	41,8	43,8	45,0	45,4	46,2	46,4	46,6	47,2	47,2	47,2	47,2	47,2	47,2	47,2
≥ 9000		42,4	44,0	46,0	47,2	47,6	48,4	48,6	48,8	49,4	49,4	49,4	49,4	49,4	49,4	49,4
≥ 8000		45,8	47,4	49,4	50,6	51,0	51,8	52,0	52,2	52,8	52,8	52,8	52,8	52,8	52,8	52,8
≥ 7000		48,0	49,6	51,6	53,0	53,4	54,2	54,4	54,6	55,2	55,2	55,2	55,2	55,2	55,2	55,2
≥ 6000		49,6	51,2	53,2	54,6	55,0	55,8	56,0	56,2	56,8	56,8	56,8	56,8	56,8	56,8	56,8
≥ 5000		52,0	53,6	55,6	57,4	57,8	58,6	58,8	59,0	59,6	59,6	59,6	59,6	59,6	59,6	59,6
≥ 4500		53,0	54,6	57,0	58,8	59,2	60,0	60,2	60,4	61,0	61,0	61,0	61,0	61,0	61,0	61,0
≥ 4000		55,2	56,8	59,2	61,2	61,6	62,4	62,6	62,8	63,4	63,4	63,4	63,4	63,4	63,4	63,4
≥ 3500		56,0	58,0	60,4	62,4	63,0	63,8	64,0	64,2	64,8	64,8	64,8	64,8	64,8	64,8	64,8
≥ 3000		56,8	59,6	62,0	64,0	64,6	65,4	65,6	65,8	66,4	66,4	66,4	66,4	66,8	66,8	66,8
≥ 2500		59,2	62,6	65,2	67,4	68,0	68,8	69,0	69,4	70,4	70,4	70,4	70,4	70,8	70,8	70,8
≥ 2000		60,8	64,4	67,8	70,2	70,8	71,8	72,0	72,4	73,8	74,0	74,0	74,0	74,4	74,4	74,4
≥ 1800		61,2	65,8	68,6	71,4	72,0	73,4	73,6	74,0	75,4	75,6	75,6	75,6	76,0	76,0	76,0
≥ 1500		62,0	66,2	70,0	72,8	73,6	75,0	75,8	76,2	77,8	78,0	78,0	78,0	78,4	78,4	78,4
≥ 1200		64,4	68,8	73,4	76,4	77,6	79,4	80,8	81,8	83,6	84,2	84,2	84,2	84,6	84,6	84,6
≥ 1000		64,8	69,2	74,0	77,2	78,6	80,6	82,2	83,2	85,8	87,0	87,0	87,0	87,4	87,4	87,4
≥ 900		64,8	69,2	74,0	77,2	78,6	81,0	83,0	84,2	87,2	88,4	88,6	88,6	89,0	89,0	89,0
≥ 800		64,8	69,2	74,0	77,2	78,6	81,0	83,6	84,8	88,0	90,0	90,4	90,4	90,8	90,8	90,8
≥ 700		64,8	69,2	74,0	77,4	78,8	81,2	84,0	85,4	89,4	92,0	92,4	92,4	92,8	92,8	92,8
≥ 600		65,4	69,6	75,0	78,6	80,0	82,4	85,4	86,8	91,6	94,6	95,0	95,0	95,4	95,4	95,4
≥ 500		65,4	69,8	75,0	79,0	80,4	82,8	85,8	87,2	92,8	96,4	97,4	97,8	98,2	98,2	98,2
≥ 400		65,4	69,8	75,0	79,0	80,4	82,8	85,8	87,2	93,0	97,0	98,0	98,6	99,0	99,0	99,0
≥ 300		65,4	69,8	75,0	79,0	80,4	82,8	85,8	87,2	93,0	97,0	98,4	99,0	99,6	99,6	99,6
≥ 200		65,4	69,8	75,0	79,0	80,4	82,8	85,8	87,2	93,0	97,0	98,4	99,0	99,6	99,6	99,6
≥ 100		65,4	69,8	75,0	79,0	80,4	82,8	85,8	87,2	93,0	97,0	98,4	99,0	100,0	100,0	100,0
0		65,4	69,8	75,0	79,0	80,4	82,8	85,8	87,2	93,0	97,0	98,4	99,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH | 15 [illegible]-17 [illegible] HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		29,5	31,1	33,9	34,3	34,3	34,6	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,7
≥ 20000		33,5	35,2	38,0	38,6	39,2	39,4	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 18000		33,5	35,2	38,0	38,6	39,2	39,4	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 16000		33,5	35,2	38,0	38,6	39,2	39,4	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 14000		33,5	35,2	38,0	38,6	39,2	39,4	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 12000		33,5	35,2	38,0	38,6	39,2	39,4	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 10000		35,2	37,2	40,0	40,7	41,3	41,5	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7
≥ 9000		36,4	38,4	41,3	41,9	42,5	42,7	42,9	42,9	42,9	42,9	42,9	42,9	42,9	42,9	42,9
≥ 8000		39,0	41,1	43,9	44,7	45,3	45,5	45,7	45,7	45,7	45,7	45,7	45,7	45,7	45,7	45,7
≥ 7000		42,1	44,1	47,0	47,8	48,4	48,6	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8
≥ 6000		44,5	46,5	49,4	50,6	51,2	51,4	51,6	51,6	51,6	51,6	51,6	51,6	51,6	51,6	51,6
≥ 5000		45,7	47,8	50,6	51,8	52,4	52,6	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	53,0
≥ 4500		47,0	49,0	51,8	53,0	53,7	53,9	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,3
≥ 4000		48,4	50,6	53,7	54,9	55,5	55,9	56,1	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,5
≥ 3500		49,6	52,0	55,1	56,3	56,9	57,3	57,5	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,9
≥ 3000		51,2	54,1	57,7	59,3	60,0	60,4	60,6	60,8	60,8	60,8	60,8	60,8	60,8	60,8	61,0
≥ 2500		53,9	57,5	61,2	62,8	63,4	64,2	64,6	65,2	65,4	65,4	65,4	65,4	65,4	65,4	65,7
≥ 2000		56,5	60,6	64,8	66,5	67,1	68,1	68,7	69,1	69,5	69,5	69,5	69,5	69,5	69,5	69,7
≥ 1800		58,7	63,4	67,7	69,9	70,5	71,5	72,2	72,6	73,0	73,0	73,0	73,0	73,0	73,0	73,2
≥ 1500		60,0	65,2	70,5	72,8	73,8	75,4	76,2	76,6	77,0	77,0	77,0	77,0	77,0	77,0	77,2
≥ 120		62,0	67,3	72,6	75,6	77,0	79,9	81,3	82,3	82,3	83,3	83,5	83,5	83,5	83,5	83,7
≥ 100		62,8	68,3	73,6	76,6	78,0	81,3	83,3	84,1	85,8	86,4	86,6	86,6	86,6	86,6	86,8
≥ 900		62,8	68,3	73,6	76,8	78,3	81,7	83,7	84,8	86,4	87,2	87,6	87,6	87,6	87,6	87,8
≥ 800		62,8	68,3	73,8	76,8	78,3	81,9	83,9	85,0	86,6	89,0	89,4	89,4	89,4	89,4	89,6
≥ 700		62,8	68,3	73,8	76,8	78,3	81,9	83,9	85,2	86,8	90,9	91,9	91,9	91,9	91,9	92,1
≥ 600		62,8	68,3	74,0	77,0	78,5	82,1	84,3	86,0	89,4	92,7	93,7	93,9	93,9	93,9	94,1
≥ 500		62,8	68,7	74,4	77,4	78,9	82,9	85,2	87,0	90,7	94,3	95,7	96,7	97,0	97,0	97,2
≥ 400		62,8	68,7	74,4	77,6	79,1	83,1	85,4	87,2	91,9	95,5	97,0	98,2	98,4	98,4	98,6
≥ 300		62,8	68,7	74,4	77,6	79,1	83,3	85,6	87,6	92,3	95,9	97,4	99,0	99,6	99,6	99,8
≥ 200		62,8	68,7	74,4	77,6	79,1	83,3	85,8	87,6	92,3	95,9	97,4	99,0	99,6	99,8	100,0
≥ 100		62,8	68,7	74,4	77,6	79,1	83,3	85,8	87,6	92,3	95,9	97,4	99,0	99,6	99,8	100,0
0		62,8	68,7	74,4	77,6	79,1	83,3	85,8	87,6	92,3	95,9	97,4	99,0	99,6	99,8	100,0

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAB TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) (MONTH) 1800-2000 (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		24.8	26.0	28.2	29.3	29.9	30.7	30.7	31.3	31.3	31.3	31.6	31.6	31.8	32.1	32.7
≥ 20000		27.1	28.8	31.0	32.1	32.7	33.5	33.5	34.1	34.1	34.1	34.4	34.4	34.6	34.9	35.5
≥ 18000		27.1	28.8	31.0	32.1	32.7	33.5	33.5	34.1	34.1	34.1	34.4	34.4	34.6	34.9	35.5
≥ 16000		27.1	28.8	31.0	32.1	32.7	33.5	33.5	34.1	34.1	34.1	34.4	34.4	34.6	34.9	35.5
≥ 14000		27.1	28.8	31.0	32.1	32.7	33.5	33.5	34.1	34.1	34.1	34.4	34.4	34.6	34.9	35.5
≥ 12000		27.1	28.8	31.0	32.1	32.7	33.5	33.5	34.1	34.1	34.1	34.4	34.4	34.6	34.9	35.5
≥ 10000		28.8	30.2	33.0	34.4	34.9	35.8	35.8	36.3	36.3	36.3	36.6	36.6	36.9	37.2	37.7
≥ 9000		29.1	30.7	33.5	34.9	35.5	36.3	36.3	36.9	36.9	36.9	37.2	37.2	37.4	37.7	38.3
≥ 8000		29.9	31.6	34.4	35.8	36.3	37.2	37.2	37.7	37.7	37.7	38.0	38.0	38.3	38.5	39.1
≥ 7000		32.4	34.1	36.9	38.3	38.8	39.7	39.7	40.2	40.2	40.2	40.8	40.5	40.8	41.1	41.6
≥ 6000		34.4	36.3	39.9	41.3	41.9	43.0	43.0	43.8	43.8	43.8	43.9	43.9	44.2	44.4	45.0
≥ 5000		34.4	36.6	40.2	41.6	42.2	43.9	43.9	44.4	44.4	44.4	44.7	44.7	45.0	45.3	46.1
≥ 4500		35.2	37.4	41.3	42.7	43.3	45.0	45.0	45.5	45.5	45.5	45.8	45.8	46.1	46.4	47.2
≥ 4000		37.2	39.4	42.3	44.7	45.3	47.2	47.5	48.0	48.0	48.0	48.3	48.3	48.6	48.9	49.7
≥ 3500		39.1	41.9	45.8	47.2	47.8	49.7	50.3	50.8	50.8	50.8	51.1	51.1	51.4	51.7	52.5
≥ 3000		41.1	43.9	47.8	49.4	50.0	52.2	52.8	53.4	53.6	53.6	53.9	53.9	54.2	54.5	55.3
≥ 2500		45.9	48.0	52.2	54.5	55.0	56.9	59.5	60.1	60.6	60.6	60.9	60.9	61.2	61.5	62.3
≥ 2000		46.6	50.0	54.7	57.3	58.1	62.3	62.8	63.4	64.0	64.0	64.2	64.2	64.5	64.8	65.6
≥ 1800		46.6	50.0	54.7	57.5	58.1	63.1	63.7	64.2	64.8	64.8	65.1	65.1	65.4	65.6	66.5
≥ 1500		48.6	52.2	57.8	61.7	62.3	68.2	69.3	69.8	70.4	70.4	70.7	70.7	70.9	71.2	72.1
≥ 1200		49.7	53.4	59.2	64.0	65.4	72.9	74.6	75.4	76.3	76.3	76.6	76.6	77.1	77.4	78.2
≥ 1000		50.0	53.6	59.5	64.2	65.6	73.2	75.7	76.5	77.9	78.2	78.5	78.5	78.8	79.1	79.9
≥ 900		50.0	53.6	59.8	64.8	66.2	74.8	77.1	77.9	79.6	79.9	80.2	80.2	80.4	80.7	81.6
≥ 800		50.0	53.6	59.8	65.1	66.5	75.4	78.2	79.1	80.7	81.6	81.8	82.4	82.7	83.0	83.8
≥ 700		50.0	53.6	59.8	65.1	66.5	75.4	78.2	79.1	83.2	84.1	85.2	85.8	86.0	86.3	87.2
≥ 600		50.0	53.6	59.8	65.1	66.5	75.4	78.2	79.1	83.5	84.4	85.5	86.0	86.3	86.6	87.4
≥ 500		50.0	53.6	59.8	65.4	66.8	76.3	78.9	79.8	84.4	85.8	87.7	89.4	89.7	89.9	90.7
≥ 400		50.0	53.6	59.8	65.4	66.8	76.3	79.1	80.4	86.3	89.4	91.6	93.3	93.9	94.1	95.0
≥ 300		50.0	53.6	59.8	65.4	66.8	76.3	79.1	80.4	86.6	89.7	92.2	94.4	95.5	96.1	96.9
≥ 200		50.0	53.6	59.8	65.4	66.8	76.3	79.1	80.4	86.6	89.7	92.2	94.4	95.8	98.3	99.4
≥ 100		50.0	53.6	59.8	65.4	66.8	76.3	79.1	80.4	86.6	89.7	92.2	94.4	95.8	98.3	100.0
0		50.0	53.6	59.8	65.4	66.8	76.3	79.1	80.4	86.6	89.7	92.2	94.4	95.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 358

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-68 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥3/16	≥¼	≥0
NO CEILING		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | MONTH

0000-0200 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000		66.7	66.7	66.7	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		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 56-70 (YEARS) (MONTH)

(HOURS LST)

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	≥⅜	≥¼	>
NO CEILING		26,3	27,2	28,4	29,6	29,6	30,0	30,0	30,0	30,5	30,5	30,5	30,5	30,9	31,7	32,5
≥ 20000		28,4	29,6	31,3	32,5	32,5	32,9	32,9	32,9	33,3	33,3	33,3	33,3	33,7	34,6	35,4
≥ 18000		28,4	29,6	31,3	32,5	32,5	32,9	32,9	32,9	33,3	33,3	33,3	33,3	33,7	34,6	35,4
≥ 16000		28,4	29,6	31,3	32,5	32,5	32,9	32,9	32,9	33,3	33,3	33,3	33,3	33,7	34,6	35,4
≥ 14000		28,4	29,6	31,3	32,5	32,5	32,9	32,9	32,9	33,3	33,3	33,3	33,3	33,7	34,6	35,4
≥ 12000		28,4	29,6	31,3	32,5	32,5	32,9	32,9	32,9	33,3	33,3	33,3	33,3	33,7	34,6	35,4
≥ 10000		29,2	31,3	31,9	34,2	34,2	34,6	34,6	34,6	35,0	35,0	35,0	35,0	35,4	36,2	37,0
≥ 9000		31,7	33,7	35,4	36,6	36,6	37,0	37,0	37,0	37,4	37,4	37,4	37,4	37,9	38,7	39,5
≥ 8000		34,6	36,6	38,3	39,5	39,5	39,9	39,9	39,9	40,3	40,3	40,3	40,3	40,7	41,6	42,4
≥ 7000		35,8	37,9	40,3	41,6	41,6	42,0	42,4	42,4	42,8	42,8	42,8	42,8	43,2	44,0	44,9
≥ 6000		36,2	38,3	40,7	42,0	42,0	42,4	42,8	42,8	43,2	43,2	43,2	43,2	43,6	44,4	45,3
≥ 5000		39,9	42,4	44,9	46,1	46,1	46,5	46,9	46,9	47,3	47,3	47,3	47,3	47,7	48,6	49,4
≥ 4500		42,8	45,3	47,7	49,0	49,0	49,4	49,8	49,8	50,2	50,2	50,2	50,2	50,6	51,4	52,3
≥ 4000		45,3	47,7	50,2	51,4	51,4	51,9	52,3	52,3	52,7	52,7	52,7	52,7	53,1	53,9	54,7
≥ 3500		48,6	51,0	53,5	54,7	54,7	55,1	55,6	55,6	56,0	56,0	56,0	56,0	56,4	57,2	58,0
≥ 3000		51,0	53,5	56,0	57,2	57,2	57,6	58,0	58,0	58,4	58,4	58,4	58,4	58,8	59,7	60,5
≥ 2500		56,0	58,4	60,9	62,1	62,1	62,5	64,2	64,2	64,6	64,6	64,6	64,6	65,0	65,8	66,7
≥ 2000		58,0	60,5	63,0	64,2	64,2	64,6	66,3	66,3	66,7	66,7	66,7	66,7	67,1	67,9	68,7
≥ 1800		60,1	62,6	65,0	66,3	66,3	66,7	68,7	68,7	69,5	69,5	69,5	69,5	70,2	70,8	71,6
≥ 1500		60,9	63,8	66,3	67,5	67,5	70,0	70,4	70,4	71,6	71,6	71,6	71,6	72,0	72,8	73,7
≥ 1200		62,1	65,0	67,9	69,1	69,1	72,4	76,9	75,7	78,6	78,6	78,6	78,9	79,0	79,8	80,7
≥ 1000		62,1	65,0	67,9	69,5	69,5	72,8	75,7	76,5	79,4	79,4	79,4	79,4	79,8	80,7	81,5
≥ 900		62,1	65,0	67,9	69,5	69,5	74,3	77,3	78,6	82,3	82,3	82,3	82,3	82,7	83,5	84,4
≥ 800		62,1	65,0	67,9	69,5	69,5	75,7	79,4	80,7	84,4	86,4	86,4	86,4	86,8	87,7	88,5
≥ 700		62,1	65,0	67,9	70,0	70,0	76,5	81,1	82,7	87,2	89,3	89,3	89,3	89,7	90,5	91,4
≥ 600		62,1	65,0	67,9	70,0	70,0	77,0	81,5	82,5	89,3	91,8	91,8	92,2	92,6	93,4	94,2
≥ 500		62,1	65,0	67,9	70,0	70,0	77,0	81,9	84,0	90,9	94,2	94,2	94,7	95,1	95,9	96,7
≥ 400		62,1	65,0	67,9	70,0	70,0	77,0	81,9	84,0	90,9	94,2	94,2	95,1	95,9	96,7	97,5
≥ 300		62,1	65,0	67,9	70,0	70,0	77,0	81,9	84,0	91,4	95,1	95,1	96,3	97,5	98,4	99,2
≥ 200		62,1	65,0	67,9	70,0	70,0	77,0	81,9	84,0	91,4	95,1	95,5	96,7	98,4	99,2	100,0
≥ 100		62,1	65,0	67,9	70,0	70,0	77,0	81,9	84,0	91,4	95,1	95,5	96,7	98,4	99,2	100,0
≥ 0		62,1	65,0	67,9	70,0	70,0	77,0	81,9	84,0	91,4	95,1	95,5	96,7	98,4	99,2	100,0

TOTAL NUMBER OF OBSERVATIONS 243

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70

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	≥ ⅜	≥ ¼	
NO CEILING		25,3	26,3	26,7	27,4	27,4	27,4	27,7	27,7	28,1	28,1	28,1	28,1	28,4	28,6	29,3
≥ 20000		29,3	30,9	31,6	32,3	32,3	32,3	32,6	32,6	33,0	33,0	33,0	33,0	33,3	33,5	34,2
≥ 18000		29,3	30,9	31,6	32,3	32,3	32,3	32,6	32,6	33,0	33,0	33,0	33,0	33,3	33,5	34,2
≥ 16000		29,3	30,9	31,6	32,3	32,3	32,3	32,6	32,6	33,0	33,0	33,0	33,0	33,3	33,5	34,2
≥ 14000		29,8	31,4	32,1	32,8	32,8	32,8	33,0	33,0	33,5	33,5	33,5	33,5	33,7	34,0	34,7
≥ 12000		30,2	31,9	32,6	33,3	33,3	33,3	33,5	33,5	34,0	34,0	34,0	34,0	34,2	34,4	35,1
≥ 10000		32,1	33,7	34,4	35,1	35,1	35,1	35,3	35,3	35,8	35,8	35,8	35,8	36,0	36,3	37,1
≥ 9000		33,0	34,7	35,4	36,0	36,0	36,0	36,3	36,3	36,7	36,7	36,7	36,7	37,0	37,2	37,9
≥ 8000		37,2	38,8	39,5	40,2	40,2	40,2	40,5	40,5	40,9	40,9	40,9	40,9	41,2	41,4	42,1
≥ 7000		39,5	41,6	42,3	43,0	43,0	43,0	43,3	43,3	43,7	43,7	43,7	43,7	44,0	44,2	44,9
≥ 6000		42,1	44,4	45,1	45,8	45,8	45,8	46,0	46,0	46,5	46,5	46,5	46,5	46,7	47,0	47,7
≥ 5000		45,1	47,4	48,1	48,8	48,8	48,8	49,1	49,1	49,5	49,5	49,5	49,5	49,8	50,0	50,7
≥ 4500		48,6	51,2	52,1	52,8	52,8	52,8	53,0	53,0	53,5	53,5	53,5	53,5	53,7	54,0	54,7
≥ 4000		50,7	53,3	54,2	54,9	54,9	54,9	55,1	55,1	55,6	55,6	55,6	55,6	55,8	56,0	56,7
≥ 3500		54,4	57,0	57,9	58,6	58,6	58,6	58,8	58,8	59,3	59,3	59,3	59,3	59,5	59,8	60,5
≥ 3000		58,8	61,9	62,8	63,7	63,7	63,7	64,0	64,0	64,4	64,4	64,4	64,4	64,7	64,9	65,6
≥ 2500		62,8	66,3	67,7	68,6	68,6	68,6	69,1	69,2	70,2	70,2	70,2	70,2	70,5	70,7	71,4
≥ 2000		64,4	68,0	69,4	70,3	70,3	70,3	70,8	70,9	71,9	71,9	71,9	71,9	72,2	72,4	73,1
≥ 1800		65,8	69,5	71,0	71,9	71,9	71,9	72,4	72,5	73,5	73,5	73,5	73,5	73,8	74,0	74,7
≥ 1500		66,1	69,8	71,3	72,2	72,2	72,2	72,7	72,8	73,8	73,8	73,8	73,8	74,1	74,3	75,0
≥ 1200		67,3	71,0	72,6	73,5	73,5	73,5	74,0	74,1	75,1	75,1	75,1	75,1	75,4	75,6	76,3
≥ 1000		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 900		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 800		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 700		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 600		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 500		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 400		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 300		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 200		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 100		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8
≥ 0		67,8	71,5	73,1	74,0	74,0	74,0	74,5	74,6	75,6	75,6	75,6	75,6	75,9	76,1	76,8

TOTAL NUMBER OF OBSERVATIONS 430

USAF ETAC FORM JUL 66 0 14-1 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70

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	≥0		
NO CEILING		26,5	26,7	27,1	27,1	27,3	27,7	27,7	28,2	28,2	28,2	28,2	28,2	28,2	28,2	28,2
≥ 20000		32,9	33,3	34,2	34,2	34,4	34,8	34,8	35,3	35,3	35,3	35,3	35,3	35,3	35,3	35,3
≥ 18000		32,9	33,3	34,2	34,2	34,4	34,8	34,8	35,3	35,3	35,3	35,3	35,3	35,3	35,3	35,3
≥ 16000		32,9	33,3	34,2	34,2	34,4	34,8	34,8	35,3	35,3	35,3	35,3	35,3	35,3	35,3	35,3
≥ 14000		33,3	33,8	34,6	34,6	34,8	35,3	35,3	35,7	35,7	35,7	35,7	35,7	35,7	35,7	35,7
≥ 12000		34,0	34,4	35,3	35,3	35,5	35,9	35,9	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3
≥ 10000		35,7	36,1	37,0	37,0	37,2	37,6	37,6	38,1	38,1	38,1	38,1	38,1	38,1	38,1	38,1
≥ 9000		36,3	36,8	37,6	37,6	37,8	38,3	38,3	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7
≥ 8000		42,6	43,0	44,1	44,3	44,5	44,9	44,9	45,4	45,8	46,0	46,0	46,0	46,0	46,0	46,0
≥ 7000		46,2	46,7	47,7	48,0	48,2	48,8	48,8	49,2	49,7	49,9	49,9	49,9	49,9	49,9	49,9
≥ 6000		48,0	48,4	49,7	49,9	50,1	50,8	50,8	51,2	51,6	51,8	51,8	51,8	51,8	51,8	51,8
≥ 5000		47,5	49,9	51,4	51,6	51,8	52,5	52,5	52,9	53,3	53,5	53,5	53,5	53,5	53,5	53,5
≥ 4500		50,6	51,2	52,9	53,1	53,3	54,0	54,0	54,4	54,8	55,1	55,1	55,1	55,1	55,1	55,1
≥ 4000		54,4	54,8	57,2	57,4	57,6	58,3	58,3	58,9	59,4	59,6	59,6	59,6	59,6	59,6	59,6
≥ 3500		57,6	58,1	60,6	61,1	61,3	62,2	62,2	63,0	63,4	63,7	63,7	63,7	63,7	63,7	63,7
≥ 3000		62,2	62,8	65,8	66,2	66,5	67,3	67,3	68,6	69,0	69,2	69,2	69,2	69,2	69,2	69,2
≥ 2500		66,5	67,5	71,0	71,4	71,8	72,9	73,0	74,4	74,8	75,1	75,1	75,1	75,1	75,1	75,1
≥ 2000		66,9	68,2	72,0	72,7	73,1	74,4	75,1	76,1	76,8	77,0	77,0	77,0	77,0	77,0	77,0
≥ 1800		67,1	68,4	72,3	72,9	73,3	74,6	75,9	77,0	77,6	77,8	77,8	77,8	77,8	77,8	77,8
≥ 1500		68,6	70,3	74,6	75,7	76,1	78,3	80,4	81,8	82,4	82,6	82,6	82,6	82,6	82,6	82,6
≥ 1200		69,2	71,0	75,7	77,2	77,6	80,0	82,6	83,7	84,7	84,9	84,9	84,9	84,9	84,9	84,9
≥ 1000		69,7	71,6	77,0	78,7	79,1	81,5	84,5	85,8	87,3	87,5	87,5	87,5	87,5	87,5	87,5
≥ 900		69,7	71,6	77,0	78,7	79,1	81,5	84,9	86,2	88,8	89,2	89,2	89,2	89,2	89,2	89,2
≥ 800		69,9	71,8	77,2	78,9	79,6	81,9	85,4	86,9	89,9	91,2	91,2	91,2	91,6	91,6	91,6
≥ 700		70,5	72,3	77,8	79,6	80,2	82,6	86,2	88,0	91,4	93,1	93,3	93,3	93,8	93,8	93,8
≥ 600		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,2	91,8	94,2	94,4	94,4	94,8	94,8	94,9
≥ 500		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,2	92,3	94,8	95,5	96,6	97,0	97,0	97,0
≥ 400		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,4	93,3	95,9	96,8	98,1	98,7	98,7	98,7
≥ 300		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,4	93,3	96,3	97,4	98,7	100,0	100,0	100,0
≥ 200		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,4	93,3	96,3	97,4	98,7	100,0	100,0	100,0
≥ 100		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,4	93,3	96,3	97,4	98,7	100,0	100,0	100,0
0		70,8	72,7	78,1	79,8	80,4	82,8	86,5	88,4	93,3	96,3	97,4	98,7	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 465

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — 12 0-14

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥3/8	≥¼	<¼
NO CEILING		26.4	27.1	28.1	28.6	29.0	29.7	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000		33.8	34.4	35.5	35.9	36.4	37.0	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 18000		33.8	34.6	35.7	36.1	36.6	37.2	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000		33.8	34.6	35.7	36.1	36.6	37.2	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 14000		34.0	34.8	35.9	36.4	36.8	37.4	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000		34.4	35.3	36.4	36.8	37.2	37.9	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 10000		36.4	37.2	38.3	38.7	39.2	39.8	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000		36.6	37.4	38.5	39.2	39.6	40.3	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 8000		44.2	45.2	46.3	47.0	47.4	48.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 7000		47.4	48.5	49.6	50.2	50.6	51.3	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000		48.7	50.2	51.3	51.9	52.4	53.0	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 5000		50.9	52.4	53.5	54.1	54.5	55.2	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500		52.6	54.1	55.2	55.8	56.3	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4000		53.9	55.6	56.7	57.4	57.8	58.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3500		57.8	60.0	61.3	61.9	62.3	63.0	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3000		59.3	62.3	64.3	64.9	65.4	66.0	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500		66.5	70.3	72.7	73.4	74.2	75.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000		67.8	71.4	74.2	75.1	76.0	77.1	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800		68.2	72.3	75.1	76.0	76.8	77.9	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500		69.0	73.4	76.4	77.7	78.6	80.3	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200		71.3	75.8	79.2	81.0	82.0	84.6	86.6	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000		71.2	75.8	79.2	81.2	82.3	84.8	87.2	87.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900		71.4	76.0	79.4	81.4	82.7	85.3	87.7	88.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800		71.4	76.0	79.4	81.8	83.1	86.1	88.7	89.2	91.8	92.0	92.2	92.2	92.2	92.2	92.2
≥ 700		71.4	76.0	79.4	81.8	83.1	86.1	88.7	89.4	92.0	92.9	93.1	93.1	93.1	93.1	93.1
≥ 600		71.4	76.0	79.4	82.3	83.5	86.6	89.4	90.3	93.5	94.8	95.0	95.0	95.0	95.0	95.0
≥ 500		71.4	76.0	79.4	82.3	83.5	86.6	89.8	90.9	94.6	96.3	96.8	97.4	97.4	97.4	97.4
≥ 400		71.4	76.0	79.4	82.3	83.5	86.6	89.8	90.9	94.6	96.5	97.0	98.1	98.3	98.3	98.3
≥ 300		71.4	76.0	79.4	82.3	83.5	86.6	89.8	90.9	94.6	96.3	97.4	98.9	99.8	99.8	99.8
≥ 200		71.4	76.0	79.4	82.3	83.5	86.6	89.8	90.9	94.6	96.8	97.4	98.9	99.8	99.8	99.8
≥ 100		71.4	76.0	79.4	82.3	83.5	86.6	89.8	90.9	94.6	96.8	97.4	98.9	99.8	99.8	100.0
≥ 0		71.4	76.0	79.4	82.3	83.5	86.6	89.8	90.9	94.6	96.8	97.4	98.9	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 462

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — 1500-1700 LST

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	≥ 7/16	≥ ⅜	≥ 0
NO CEILING		27.1	28.0	29.7	29.7	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000		35.8	36.7	38.4	38.4	39.0	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 18000		36.0	36.9	38.6	38.6	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 16000		36.2	37.1	38.8	38.8	39.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 14000		36.2	37.1	38.8	38.8	39.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 12000		36.7	37.5	39.3	39.3	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 10000		37.7	38.6	40.6	40.6	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 9000		39.7	40.6	42.5	42.5	43.2	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000		43.4	44.5	46.9	46.9	47.5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 7000		47.1	48.2	50.5	50.5	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 6000		48.8	49.9	52.5	52.5	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 5000		50.5	51.8	54.4	54.4	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500		51.6	52.9	55.5	55.5	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4000		53.8	55.1	57.9	57.9	58.6	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500		56.4	58.6	61.4	61.4	62.0	62.3	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3000		58.4	60.7	63.8	64.0	64.6	65.1	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 2500		64.0	66.8	70.3	70.5	71.4	72.0	72.2	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2000		65.3	68.8	72.2	72.7	73.8	74.8	75.1	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800		66.8	70.5	74.0	74.4	75.5	76.8	77.0	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1500		69.6	73.5	77.0	77.7	79.2	81.1	81.3	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1200		70.9	75.1	79.0	79.6	81.1	83.1	84.2	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000		71.1	75.9	80.5	81.6	83.7	86.1	87.6	87.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900		71.1	75.9	80.5	81.5	83.7	87.0	88.1	88.3	90.0	90.2	90.5	90.5	90.5	90.5	90.5
≥ 800		71.1	75.9	80.5	81.8	83.9	87.6	88.9	89.4	90.9	91.3	91.5	91.5	91.5	91.5	91.5
≥ 700		71.1	75.9	80.5	81.8	83.9	87.6	88.9	89.4	91.3	92.0	92.2	92.4	92.4	92.4	92.4
≥ 600		71.1	75.9	80.5	82.2	84.4	88.1	90.0	91.3	93.7	94.6	94.8	95.0	95.0	95.0	95.0
≥ 500		71.1	75.9	80.5	82.2	84.4	88.1	90.5	92.2	94.6	95.7	96.1	96.3	96.3	96.3	96.3
≥ 400		71.1	75.9	80.5	82.2	84.4	88.1	90.5	92.2	94.8	96.3	97.0	97.2	97.2	97.4	97.4
≥ 300		71.1	75.9	80.5	82.2	84.4	88.1	90.5	92.2	94.8	96.5	97.6	98.0	98.9	99.1	99.1
≥ 200		71.1	75.9	80.5	82.2	84.4	88.1	90.5	92.2	94.8	96.5	97.8	98.5	99.2	100.0	100.0
≥ 100		71.1	75.9	80.5	82.2	84.4	88.1	90.5	92.2	94.8	96.5	97.5	98.5	99.2	100.0	100.0
0		71.1	75.9	80.5	82.2	84.4	88.1	90.5	92.2	94.8	96.5	97.8	98.5	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 461

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-70 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 JAN-2 JAN HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		28.8	30.2	33.2	33.2	33.2	33.8	33.8	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000		32.7	34.4	37.4	37.4	37.4	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
≥ 18000		32.7	34.4	37.4	37.4	37.4	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
≥ 16000		32.7	34.4	37.4	37.4	37.4	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
≥ 14000		32.7	34.4	37.4	37.4	37.4	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000		34.6	36.3	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000		35.8	37.4	40.5	40.5	40.5	41.3	41.3	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6
≥ 9000		37.2	38.8	41.9	41.9	41.9	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0
≥ 8000		38.0	39.7	43.3	43.3	43.6	44.7	44.7	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0
≥ 7000		39.4	41.1	44.7	44.7	45.0	46.4	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6
≥ 6000		41.1	42.7	46.4	46.4	46.6	48.0	48.0	48.0	48.0	48.3	48.3	48.3	48.3	48.3	48.3
≥ 5000		43.0	45.3	48.9	48.9	49.2	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4500		45.0	47.5	51.1	51.1	51.4	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1
≥ 4000		46.9	49.4	53.1	53.1	53.4	54.7	55.0	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3500		49.7	53.1	57.3	57.5	57.8	59.2	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3000		54.2	57.5	61.7	62.0	62.3	63.7	64.2	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500		59.2	62.8	67.0	67.9	68.2	69.8	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000		61.2	65.1	70.4	71.3	71.8	73.7	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800		61.7	65.9	71.8	72.9	73.2	75.1	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500		63.1	67.9	73.7	74.9	75.1	77.1	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1200		64.5	69.6	75.9	76.8	77.1	79.1	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1000		64.8	69.8	75.7	77.1	77.4	79.6	81.0	81.3	81.3	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900		64.8	69.8	75.7	77.4	77.7	79.9	81.6	81.8	82.6	83.8	83.8	83.8	83.8	83.8	83.8
≥ 800		64.8	69.8	75.7	77.4	77.7	79.9	81.6	82.1	83.5	84.9	84.9	84.9	84.9	84.9	84.9
≥ 700		64.8	69.8	75.7	77.4	77.7	80.2	81.8	82.4	84.1	85.3	85.3	85.3	85.5	85.5	85.5
≥ 600		64.8	69.8	75.7	77.4	77.7	81.0	83.0	83.8	86.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 500		64.8	69.8	75.7	77.4	77.7	81.0	83.0	84.6	87.7	91.1	91.3	91.3	91.3	91.3	91.3
≥ 400		64.8	69.8	75.7	77.4	77.7	81.0	83.0	84.4	88.0	93.3	93.6	94.1	94.4	94.4	94.4
≥ 300		64.8	69.8	76.3	77.9	78.2	81.6	83.5	84.9	88.8	95.3	95.5	96.4	97.2	97.2	97.2
≥ 200		64.8	69.8	76.3	77.9	78.2	81.6	83.5	84.9	88.8	95.3	96.6	97.8	98.6	99.2	99.2
≥ 100		64.8	69.8	76.3	77.9	78.2	81.6	83.5	84.9	88.8	95.3	96.6	98.0	99.4	100.0	100.0
≥ 0		64.8	69.8	76.3	77.9	78.2	81.6	83.5	84.9	88.8	95.3	96.6	96.0	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 358

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65,67 (YEARS) APR (MONTH)

2100-2300 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	> 5/16	≥ ¼	≥ 0
NO CEILING		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 20000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 18000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 16000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 14000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 12000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 10000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 9000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 8000		50,0	66,7	66,7	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		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 6000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 5000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 4500		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 4000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 3500		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 3000		50,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 2500		50,0	66,7	66,7	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3
≥ 2000		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1800		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1500		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1200		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1000		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 900		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 800		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 700		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 600		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 500		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 0		50,0	66,7	66,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 6

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥7/16	≥¼	≥0
NO CEILING		24,3	25,7	29,7	30,4	30,4	30,8	30,8	30,8	30,8	31,2	32,2	32,2	32,2	32,2	32,4
≥ 20000		25,7	27,2	31,2	31,9	31,9	32,2	32,2	32,2	32,2	32,6	33,7	33,7	33,7	33,7	34,1
≥ 18000		25,7	27,2	31,2	31,9	31,9	32,2	32,2	32,2	32,2	32,6	33,7	33,7	33,7	33,7	34,1
≥ 16000		25,7	27,2	31,2	31,9	31,9	32,2	32,2	32,2	32,2	32,6	33,7	33,7	33,7	33,7	34,1
≥ 14000		25,7	27,2	31,2	31,9	31,9	32,2	32,2	32,2	32,2	32,6	33,7	33,7	33,7	33,7	34,1
≥ 12000		25,7	27,2	31,2	31,9	31,9	32,2	32,2	32,2	32,2	32,6	33,7	33,7	34,1	34,1	34,4
≥ 10000		26,1	27,5	31,5	32,2	32,2	32,6	32,6	32,6	32,6	33,0	34,1	34,1	34,4	34,4	34,8
≥ 9000		26,1	27,5	31,5	32,2	32,2	32,6	32,6	32,6	32,6	33,0	34,1	34,1	34,4	34,4	34,8
≥ 8000		27,2	28,6	32,6	33,3	33,3	33,7	33,7	33,7	33,7	34,1	35,1	35,1	35,5	35,5	35,9
≥ 7000		27,5	29,0	33,0	33,7	34,4	34,8	34,8	34,8	34,8	35,1	36,2	36,2	36,6	36,6	37,0
≥ 6000		28,3	29,7	33,7	34,4	35,1	35,5	35,5	35,5	35,5	35,9	37,0	37,0	37,3	37,3	37,7
≥ 5000		30,8	32,2	36,2	37,0	37,7	38,0	38,0	38,0	38,4	38,8	39,9	39,9	40,2	40,2	40,6
≥ 4500		31,2	32,6	36,6	37,3	38,0	38,4	38,4	38,4	38,4	39,1	39,5	40,6	40,6	40,9	40,9
≥ 4000		31,9	33,3	37,3	38,0	38,8	39,1	39,1	39,1	39,9	40,2	41,3	41,3	41,7	41,7	42,0
≥ 3500		33,7	35,5	40,2	40,9	41,7	42,0	42,0	42,0	42,8	43,1	44,2	44,2	44,6	44,6	44,9
≥ 3000		38,0	40,6	45,3	46,7	47,5	47,8	47,8	47,8	48,6	48,9	50,0	50,0	50,4	50,4	50,7
≥ 2500		43,1	47,1	51,8	53,6	54,7	55,4	55,4	55,4	56,2	56,5	57,6	57,6	58,0	58,0	58,3
≥ 2000		44,6	49,6	55,4	59,1	60,1	61,2	61,2	61,2	62,0	62,3	63,4	63,4	63,8	63,8	64,1
≥ 1800		44,9	50,4	56,2	59,8	60,9	63,7	63,0	63,0	63,8	64,1	65,2	65,2	65,6	65,6	65,9
≥ 1500		45,7	51,4	57,2	62,7	63,8	66,2	66,7	66,7	67,4	67,8	68,8	68,8	69,2	69,2	69,6
≥ 1200		46,0	52,2	58,0	65,2	66,3	69,9	70,3	70,3	71,0	71,4	72,5	72,5	72,8	72,8	73,2
≥ 1000		46,4	52,5	58,3	66,3	67,4	71,4	72,1	72,1	72,8	73,2	74,3	74,3	74,6	74,6	75,0
≥ 900		46,4	52,9	59,1	67,4	68,5	72,5	73,6	74,3	75,0	75,4	76,4	76,4	76,8	76,8	77,2
≥ 800		46,7	53,6	59,8	68,1	69,2	73,2	75,0	75,7	77,9	78,6	79,7	79,7	80,1	80,1	80,4
≥ 700		46,7	53,6	60,1	68,5	69,6	73,9	76,6	77,2	80,4	81,9	83,0	83,0	83,3	83,3	83,7
≥ 600		46,7	53,6	60,1	68,5	69,6	73,9	77,2	77,9	81,5	83,0	84,1	84,1	85,1	85,1	85,5
≥ 500		46,7	53,6	60,1	68,5	69,6	74,3	79,7	80,4	85,1	87,0	88,8	88,8	89,9	89,9	90,2
≥ 400		46,7	53,6	60,1	68,5	69,6	74,3	81,2	83,3	88,4	90,6	92,4	92,8	94,2	94,2	94,6
≥ 300		46,7	53,6	60,1	68,5	69,6	74,3	81,2	83,7	89,1	92,0	93,8	94,2	95,7	96,0	96,4
≥ 200		46,7	53,6	60,1	68,5	69,6	74,3	81,2	83,7	89,1	92,0	94,2	94,6	96,4	97,5	97,8
≥ 100		46,7	53,6	60,1	68,5	69,6	74,3	81,2	83,7	89,1	92,0	94,2	94,6	96,4	98,2	100,0
0		46,7	53,6	60,1	68,5	69,6	74,3	81,2	83,7	89,1	92,0	94,2	94,6	96,4	98,2	100,0

TOTAL NUMBER OF OBSERVATIONS 276

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		22.0	22.8	23.7	24.4	24.9	25.1	25.1	25.3	25.6	25.6	25.6	25.6	26.2	26.5	26.7
≥ 20000		27.2	28.0	28.9	29.6	30.1	30.3	30.3	30.5	30.8	30.8	31.0	31.0	31.5	31.9	32.1
≥ 18000		27.2	28.0	28.9	29.6	30.1	30.3	30.3	30.5	30.8	30.8	31.0	31.0	31.5	31.9	32.1
≥ 16000		27.2	28.0	28.9	29.6	30.1	30.3	30.3	30.5	30.8	30.8	31.0	31.0	31.5	31.9	32.1
≥ 14000		27.2	28.0	28.9	29.6	30.1	30.3	30.3	30.5	30.8	30.8	31.0	31.0	31.5	31.9	32.1
≥ 12000		27.8	28.5	29.4	30.1	30.6	30.8	30.8	31.0	31.5	31.5	31.7	31.7	32.3	32.6	32.8
≥ 10000		28.7	29.4	30.3	31.0	31.5	31.7	31.9	32.1	32.6	32.6	32.8	32.8	33.3	33.7	33.9
≥ 9000		29.4	30.1	31.0	31.7	32.3	32.4	32.6	32.8	33.3	33.3	33.5	33.5	34.1	34.4	34.6
≥ 8000		31.7	32.8	33.7	34.4	34.9	35.1	35.3	35.3	36.0	36.0	36.2	36.2	36.7	37.1	37.5
≥ 7000		34.6	35.7	36.6	37.5	38.0	38.2	38.4	38.5	39.1	39.1	39.2	39.2	39.8	40.1	40.5
≥ 6000		36.6	37.6	38.5	39.6	40.1	40.3	40.5	40.7	41.2	41.2	41.4	41.4	41.9	42.3	42.7
≥ 5000		37.5	38.5	39.6	40.7	41.2	41.4	41.6	41.8	42.3	42.3	42.5	42.5	43.0	43.7	44.4
≥ 4500		37.8	38.9	40.0	41.0	41.6	41.8	41.9	42.1	42.7	42.7	42.8	42.8	43.4	44.1	44.8
≥ 4000		39.8	40.9	42.1	43.2	43.7	43.9	44.1	44.3	44.8	44.8	45.0	45.0	45.5	46.2	47.0
≥ 3500		42.3	43.4	44.6	45.7	46.2	46.4	46.6	46.8	47.3	47.3	47.5	47.5	48.0	48.7	49.5
≥ 3000		45.5	46.8	48.4	49.5	50.0	50.2	50.4	50.5	51.1	51.1	51.3	51.3	51.8	52.5	53.2
≥ 2500		51.3	53.0	55.4	57.5	58.4	58.6	58.8	59.0	59.5	59.5	59.7	59.7	60.2	60.9	61.6
≥ 2000		52.3	54.7	57.9	60.8	61.6	62.0	62.4	62.5	63.1	63.1	63.3	63.3	63.8	64.5	65.2
≥ 1800		53.0	55.4	58.8	61.8	62.7	63.1	63.4	63.6	64.2	64.2	64.3	64.3	64.9	65.6	66.3
≥ 1500		54.3	58.4	62.2	65.9	67.0	67.9	68.6	69.0	69.5	69.5	69.7	69.7	70.4	71.1	71.9
≥ 1200		54.8	59.9	63.8	67.9	69.4	70.8	72.0	72.6	73.7	73.7	73.8	73.8	74.6	75.3	76.0
≥ 1000		55.2	60.2	64.2	68.3	69.9	71.5	73.1	73.7	75.6	76.2	76.3	76.3	77.1	77.8	78.5
≥ 900		55.4	60.4	64.3	68.8	70.4	72.4	74.0	74.6	77.2	77.8	78.0	78.0	78.7	79.4	80.3
≥ 800		55.6	60.6	64.5	69.0	70.6	72.9	75.3	76.7	80.3	81.0	81.2	81.2	81.9	82.6	83.5
≥ 700		55.6	60.6	64.7	69.3	71.1	73.7	76.2	77.6	82.4	83.7	83.9	83.9	84.6	85.3	86.2
≥ 600		55.6	60.6	64.7	69.7	71.3	74.0	76.9	78.3	83.7	85.8	86.0	86.6	87.3	88.0	88.9
≥ 500		55.6	60.6	64.7	69.9	71.5	74.2	77.6	79.7	85.7	88.0	88.4	89.2	90.5	91.4	92.3
≥ 400		55.6	60.6	64.7	69.9	71.5	74.2	77.6	79.9	86.6	89.1	89.6	90.7	91.9	92.8	93.7
≥ 300		55.6	60.6	64.7	69.9	71.5	74.2	77.8	80.1	88.4	91.0	91.9	93.9	96.2	97.5	98.6
≥ 200		55.6	60.6	64.7	69.9	71.5	74.2	77.8	80.1	88.4	91.0	91.9	93.9	96.6	98.2	99.3
≥ 100		55.6	60.6	64.7	69.9	71.5	74.2	77.8	80.1	88.4	91.0	91.9	93.9	96.6	98.2	99.8
0		55.6	60.6	64.7	69.9	71.5	74.2	77.8	80.1	88.4	91.0	91.9	93.9	96.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 558

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING		28,3	29,4	30,1	30,5	30,6	31,0	31,2	31,2	31,4	31,4	31,4	31,4	31,5	31,5
≥ 20000		33,9	34,9	35,7	36,0	36,2	36,6	36,7	36,7	36,9	36,9	36,9	36,9	37,1	37,1
≥ 18000		33,9	34,9	35,7	36,0	36,2	36,6	36,7	36,7	36,9	36,9	36,9	36,9	37,1	37,1
≥ 16000		33,9	34,9	35,7	36,0	36,2	36,6	36,7	36,7	36,9	36,9	36,9	36,9	37,1	37,1
≥ 14000		33,9	34,9	35,7	36,0	36,2	36,6	36,7	36,7	36,9	36,9	36,9	36,9	37,1	37,1
≥ 12000		34,6	35,7	36,4	36,7	36,9	37,3	37,5	37,5	37,6	37,6	37,6	37,6	37,8	37,8
≥ 10000		35,5	36,6	37,3	37,8	38,0	38,4	38,5	38,5	38,7	38,7	38,7	38,7	38,9	38,9
≥ 9000		36,2	37,3	38,0	38,5	38,7	39,1	39,2	39,2	39,4	39,4	39,4	39,4	39,6	39,6
≥ 8000		38,9	40,0	40,7	41,2	41,6	42,1	42,3	42,3	42,5	42,5	42,5	42,5	42,7	42,7
≥ 7000		41,2	42,3	43,0	43,5	43,9	44,4	44,6	44,6	44,8	44,8	44,8	44,8	45,0	45,0
≥ 6000		43,4	44,8	45,7	46,2	46,6	47,1	47,3	47,3	47,5	47,5	47,5	47,5	47,7	47,7
≥ 5000		45,7	47,1	48,2	48,7	49,1	49,6	49,8	49,8	50,0	50,0	50,0	50,0	50,4	50,4
≥ 4500		45,9	47,3	48,4	48,9	49,3	49,8	50,0	50,0	50,2	50,2	50,2	50,2	50,5	50,5
≥ 4000		46,8	48,2	49,3	49,8	50,2	51,1	51,3	51,3	51,4	51,4	51,4	51,4	51,8	51,8
≥ 3500		48,9	50,5	52,0	52,5	52,9	53,9	54,1	54,1	54,3	54,3	54,3	54,3	54,7	54,7
≥ 3000		50,7	52,3	54,1	54,7	55,0	56,1	56,3	56,3	56,6	56,6	56,6	56,6	57,0	57,0
≥ 2500		56,5	58,4	61,1	62,4	62,7	63,8	64,2	64,2	64,5	64,5	64,5	64,5	64,9	64,9
≥ 2000		58,6	60,9	64,2	65,9	66,3	67,7	68,1	68,1	68,6	68,6	68,6	68,6	69,0	69,0
≥ 1800		59,0	61,3	64,7	66,8	67,2	68,8	69,2	69,2	69,7	69,7	69,7	69,7	70,1	70,1
≥ 1500		59,9	62,4	65,6	67,9	68,5	70,4	71,3	71,3	72,2	72,2	72,4	72,4	72,8	72,8
≥ 1200		60,4	63,4	67,0	69,5	70,3	72,4	73,8	74,6	75,6	75,6	75,8	75,8	76,2	76,2
≥ 1000		60,8	63,8	67,6	70,3	71,1	73,2	78,1	76,2	78,1	79,0	79,2	79,2	79,6	79,6
≥ 900		60,8	63,8	67,7	70,6	71,5	73,8	76,0	77,2	79,6	80,3	80,8	80,8	81,2	81,2
≥ 800		60,8	63,8	67,7	71,0	72,0	74,9	77,2	79,0	81,5	82,6	83,0	83,0	83,3	83,3
≥ 700		60,8	63,8	67,7	71,0	72,2	75,1	78,0	79,9	83,9	85,8	86,4	86,6	86,9	86,9
≥ 600		60,8	63,8	67,7	71,1	72,4	75,4	79,4	81,3	86,4	88,5	89,1	89,2	89,6	89,6
≥ 500		60,8	63,8	67,7	71,5	72,8	76,2	80,1	82,6	88,9	91,9	92,5	93,0	93,4	93,7
≥ 400		60,8	63,8	67,7	71,5	72,8	76,2	80,3	83,2	90,1	93,9	94,4	95,2	96,2	96,6	95,6
≥ 300		60,8	63,8	67,7	71,5	72,8	76,3	80,6	83,7	90,9	95,3	96,2	97,1	98,7	99,3	99,3
≥ 200		60,8	63,8	67,7	71,5	72,8	76,3	80,6	83,7	91,0	95,5	96,4	97,5	99,1	99,8	99,8
≥ 100		60,8	63,8	67,7	71,5	72,8	76,3	80,6	83,7	91,0	95,5	96,4	97,5	99,1	100,0	100,0
0		60,8	63,8	67,7	71,5	72,8	76,3	80,6	83,7	91,0	95,5	96,4	97,5	99,1	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 553

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 00-1400 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		27,4	29,2	30,1	30,6	30,6	31,0	31,0	31,0	31,0	31,0	31,0	31,0	31,0	31,0	31,0
≥ 20000		33,3	35,1	36,6	37,3	37,3	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 18000		33,3	35,1	36,6	37,3	37,3	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 16000		33,3	35,1	36,6	37,3	37,3	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 14000		33,3	35,1	36,6	37,3	37,3	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 12000		33,3	35,1	36,6	37,3	37,3	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 10000		33,5	35,3	36,7	37,5	37,5	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8
≥ 9000		35,1	36,9	38,4	39,2	39,2	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 8000		36,4	38,5	40,0	40,9	40,9	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2	41,2
≥ 7000		37,8	40,1	41,6	42,5	42,5	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8
≥ 6000		41,4	44,1	45,5	46,4	46,4	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8
≥ 5000		43,0	46,1	47,5	48,4	48,4	48,7	48,7	48,7	48,7	48,7	48,7	48,7	48,7	48,7	48,7
≥ 4500		43,9	47,0	48,4	49,3	49,3	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6
≥ 4000		45,3	48,7	50,2	51,3	51,4	51,8	51,8	51,8	51,8	51,8	51,8	51,8	51,8	51,8	51,8
≥ 3500		46,4	49,6	51,1	52,2	52,3	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7
≥ 3000		48,0	51,5	53,0	54,1	54,5	54,8	54,8	54,8	55,0	55,0	55,0	55,0	55,0	55,0	55,0
≥ 2500		53,7	60,2	62,9	64,7	65,2	65,8	65,9	65,9	66,1	66,1	66,1	66,1	66,1	66,1	66,1
≥ 2000		56,8	64,3	67,6	69,4	70,4	71,0	71,1	71,1	71,3	71,3	71,3	71,3	71,3	71,3	71,3
≥ 1800		59,3	65,2	68,6	71,3	72,0	72,9	73,3	73,3	73,5	73,5	73,5	73,5	73,5	73,5	73,5
≥ 1500		60,6	36,3	70,1	72,9	73,8	75,3	76,2	76,2	76,7	76,7	76,7	76,7	76,7	76,7	76,7
≥ 1200		61,1	67,2	71,3	74,4	75,3	77,4	78,9	79,0	79,3	79,9	79,9	79,9	79,9	79,9	79,9
≥ 1000		61,3	67,4	71,7	74,7	75,8	78,7	80,5	80,6	82,4	83,0	83,0	83,0	83,0	83,0	83,0
≥ 900		61,3	67,4	72,0	75,1	76,2	79,2	81,4	81,5	84,1	84,6	84,6	84,6	84,6	84,6	84,6
≥ 800		61,3	67,4	72,0	75,3	76,5	79,9	82,6	83,2	86,2	86,9	86,9	86,9	86,9	86,9	86,9
≥ 700		61,3	67,4	72,0	75,3	76,7	80,3	83,2	83,9	87,5	89,1	89,1	89,1	89,1	89,1	89,1
≥ 600		61,3	67,4	72,0	75,4	76,9	81,2	84,5	85,7	89,2	91,8	91,9	91,9	91,9	91,9	91,9
≥ 500		61,3	67,4	72,0	75,5	76,9	81,7	86,0	87,1	92,5	95,5	95,7	95,9	96,4	96,4	96,4
≥ 400		61,3	67,4	72,0	75,4	76,9	81,7	86,7	88,4	94,1	97,3	97,5	97,8	98,4	98,4	98,6
≥ 300		61,3	67,4	72,0	75,4	76,9	81,7	86,7	88,4	94,4	98,0	98,2	98,6	99,8	99,8	100,0
≥ 200		61,3	67,4	72,0	75,4	76,9	81,7	86,7	88,4	94,4	98,0	98,2	98,6	99,8	99,8	100,0
≥ 100		61,3	67,4	72,0	75,4	76,9	81,7	86,7	88,4	94,4	98,0	98,2	98,6	99,8	99,8	100,0
0		61,3	67,4	72,0	75,4	76,9	81,7	86,7	88,4	94,4	98,0	98,2	98,6	99,8	99,8	100,0

TOTAL NUMBER OF OBSERVATIONS 558

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		28,1	29,4	30,1	31,2	31,2	31,5	31,5	31,5	31,5	31,5	31,5	31,5	31,5	31,5	31,5
≥ 20000		36,0	37,3	38,2	39,6	39,6	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 18000		36,0	37,3	38,2	39,6	39,6	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 16000		36,0	37,3	38,2	39,6	39,6	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 14000		36,0	37,3	38,2	39,6	39,6	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 12000		36,4	37,6	38,5	40,0	40,0	40,3	40,3	40,3	40,3	40,3	40,3	40,3	40,3	40,3	40,3
≥ 10000		37,1	38,4	39,2	40,7	40,7	41,0	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4
≥ 9000		38,0	39,2	40,1	41,6	41,6	41,9	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3
≥ 8000		39,4	40,9	41,8	43,2	43,2	43,5	43,9	43,9	43,9	43,9	43,9	43,9	43,9	43,9	43,9
≥ 7000		41,6	43,2	44,3	45,7	45,7	46,1	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4	46,4
≥ 6000		43,7	45,7	46,8	48,2	48,2	48,6	48,9	48,9	48,9	48,9	48,9	48,9	48,9	48,9	48,9
≥ 5000		45,5	47,7	48,7	50,2	50,4	50,7	51,1	51,1	51,1	51,1	51,1	51,1	51,1	51,1	51,1
≥ 4500		48,2	50,4	51,4	52,9	53,2	53,6	53,9	53,9	53,9	53,9	53,9	53,9	53,9	53,9	53,9
≥ 4000		49,8	52,2	53,2	54,7	55,0	55,4	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7
≥ 3500		51,3	53,8	54,8	56,3	56,6	57,0	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3
≥ 3000		53,8	56,5	57,5	59,0	59,3	59,7	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0
≥ 2500		59,5	62,7	64,7	66,3	67,2	67,7	68,1	68,1	68,1	68,1	68,1	68,1	68,1	68,1	68,1
≥ 2000		61,1	66,1	68,6	70,4	71,5	72,0	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9
≥ 1800		62,0	67,0	69,7	71,9	72,9	74,0	74,4	74,4	74,4	74,4	74,4	74,4	74,4	74,4	74,4
≥ 1500		63,4	69,0	72,0	73,3	74,3	75,9	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3
≥ 1200		64,3	70,4	74,2	77,4	78,7	80,8	81,2	81,2	81,7	81,7	81,7	81,7	81,7	81,7	81,7
≥ 1000		64,9	70,8	74,6	78,0	79,4	81,7	82,6	82,8	83,7	84,1	84,1	84,1	84,1	84,1	84,1
≥ 900		64,9	70,8	74,7	78,1	79,7	82,3	83,2	83,3	84,2	84,6	84,6	84,6	84,6	84,6	84,6
≥ 800		64,9	70,8	74,7	78,1	79,9	82,6	83,7	84,2	86,7	87,3	87,6	87,8	87,8	87,8	87,8
≥ 700		64,9	70,8	74,7	78,7	80,3	83,9	85,7	86,2	89,2	90,3	90,9	91,0	91,0	91,0	91,0
≥ 600		64,9	70,8	74,7	78,7	80,3	84,2	86,4	86,9	90,0	91,6	91,9	92,3	92,3	92,3	92,3
≥ 500		64,9	70,8	74,7	78,7	80,3	84,4	87,3	88,0	91,4	93,3	94,4	95,2	95,7	95,7	95,7
≥ 400		64,9	70,8	74,7	78,7	80,3	84,4	87,3	88,3	91,9	94,6	95,7	96,4	97,3	97,3	97,5
≥ 300		64,9	70,8	74,7	78,7	80,3	84,4	87,6	88,7	92,3	95,3	96,6	97,3	99,1	99,1	99,3
≥ 200		64,9	70,8	74,7	78,7	80,3	84,4	87,6	88,7	92,3	95,3	96,8	97,7	99,5	99,5	99,8
≥ 100		64,9	70,8	74,7	78,7	80,3	84,4	87,6	88,7	92,3	95,3	96,8	97,7	99,5	99,5	100,0
0		64,9	70,8	74,7	78,7	80,3	84,4	87,6	88,7	92,3	95,3	96,8	97,7	99,5	99,5	100,0

TOTAL NUMBER OF OBSERVATION 598

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	> 0
NO CEILING		30.0	32.8	34.3	35.6	35.6	36.4	37.3	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000		34.3	37.5	39.0	40.5	40.5	41.4	42.2	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000		34.3	37.5	39.0	40.5	40.5	41.4	42.2	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000		34.3	37.5	39.0	40.5	40.5	41.4	42.2	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000		34.3	37.5	39.0	40.5	40.5	41.4	42.2	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000		34.3	37.7	39.2	40.7	40.7	41.6	42.5	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000		35.8	39.4	41.2	42.7	42.7	43.5	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 9000		36.9	40.5	42.2	43.8	43.8	44.6	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000		38.6	42.2	44.2	45.7	45.7	46.6	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000		39.4	43.1	45.0	46.6	46.6	47.4	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 6000		41.2	44.8	47.2	48.7	48.7	49.6	50.4	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 5000		42.0	45.9	48.3	49.8	49.8	50.6	51.5	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4500		44.6	48.9	51.5	53.0	53.0	53.9	54.7	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4000		46.1	50.4	53.0	54.7	54.7	55.6	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500		48.3	52.6	55.4	57.1	57.1	58.0	58.8	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3000		51.3	56.0	58.8	60.6	60.6	61.4	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2500		55.0	59.9	63.8	65.7	65.7	66.6	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2000		56.3	61.4	65.9	67.9	67.9	68.8	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800		56.7	61.9	66.4	68.5	68.5	70.3	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1500		58.0	63.4	69.4	71.8	72.0	74.6	76.7	76.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1200		58.6	64.9	71.1	73.9	74.1	77.2	79.3	79.3	80.2	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000		58.6	64.9	71.6	74.8	75.0	78.9	81.5	81.5	82.8	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900		58.6	64.9	71.6	74.8	75.0	78.9	82.3	82.3	83.3	85.2	86.2	86.2	86.2	86.2	86.2
≥ 800		58.6	64.9	71.6	74.8	75.2	79.1	83.2	83.2	84.2	86.1	88.1	88.1	88.1	88.1	88.1
≥ 700		58.6	64.9	71.6	75.0	75.9	79.7	84.1	84.5	85.9	90.3	91.2	91.2	91.2	91.2	91.2
≥ 600		58.6	64.9	71.6	75.4	75.9	79.7	84.3	86.7	89.4	91.4	91.6	91.6	91.6	91.6	91.6
≥ 500		58.6	64.9	71.6	75.4	75.9	79.7	84.7	85.8	91.2	93.3	94.2	94.8	94.8	94.8	94.8
≥ 400		58.6	64.9	71.6	75.4	75.9	79.7	84.7	85.8	91.8	94.2	95.3	96.1	97.2	97.2	97.2
≥ 300		58.6	64.9	71.6	75.4	75.9	79.7	84.7	85.8	92.0	94.4	95.7	97.4	98.5	98.5	98.7
≥ 200		58.6	64.9	71.6	75.4	75.9	79.7	84.7	85.8	92.0	94.4	96.1	98.1	99.4	99.4	100.0
≥ 100		58.6	64.9	71.6	75.4	75.9	79.7	84.7	85.8	92.0	94.4	96.1	98.1	99.4	99.4	100.0
0		58.6	64.9	71.6	75.4	75.9	79.7	84.7	85.8	92.0	94.4	96.1	98.1	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 464

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAB TOLZ GERMANY AAF (STATION NAME) 68 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
(HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼
NO CEILING		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 20000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 18000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 16000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 14000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 12000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 10000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 9000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 8000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 7000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 6000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 5000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 4500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 4000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 3500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 3000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 2500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 2000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1800		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1200		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 900		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 800		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 700		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 600		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
0		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) 8AB TOLZ GERMANY AAF (STATION NAME) 66/68 (YEARS) APR (MONTH)

0000-0200 (HRS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥⅜	≥¼	≥0
NO CEILING		39,0	44,1	44,1	45,8	45,8	47,5	47,5	47,5	47,5	47,5	47,5	49,2	50,8	50,8	50,8
≥ 20000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 18000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 16000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 14000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 12000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 10000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 9000		42,4	47,5	47,5	49,2	49,2	50,8	50,8	50,8	50,8	50,8	50,8	52,5	54,2	54,2	54,2
≥ 8000		49,2	54,2	54,2	55,9	55,9	57,6	57,6	57,6	57,6	57,6	57,6	59,3	61,0	61,0	61,0
≥ 7000		55,9	61,0	61,0	62,7	62,7	64,4	64,4	64,4	64,4	64,4	64,4	66,1	67,8	67,8	67,8
≥ 6000		57,6	62,7	62,7	64,4	64,4	66,1	66,1	66,1	66,1	66,1	66,1	67,8	69,5	69,5	69,5
≥ 5000		57,6	62,7	62,7	64,4	64,4	66,1	66,1	66,1	66,1	66,1	66,1	67,8	69,5	69,5	69,5
≥ 4500		61,0	66,1	67,8	69,5	69,5	71,2	71,2	71,2	71,2	71,2	71,2	72,9	74,6	74,6	74,6
≥ 4000		61,0	66,1	67,8	69,5	69,5	71,2	71,2	71,2	71,2	71,2	71,2	72,9	74,6	74,6	74,6
≥ 3500		61,0	67,8	69,5	71,2	71,2	72,9	72,9	72,9	72,9	72,9	72,9	74,6	76,3	76,3	76,3
≥ 3000		61,0	67,8	69,5	71,2	71,2	72,9	72,9	72,9	72,9	72,9	72,9	74,6	76,3	76,3	76,3
≥ 2500		62,7	71,2	72,9	74,6	74,6	76,3	76,3	76,3	76,3	76,3	76,3	78,0	79,7	79,7	79,7
≥ 2000		64,4	72,9	76,3	79,7	79,7	81,4	81,4	81,4	81,4	81,4	81,4	83,1	84,7	84,7	84,7
≥ 1800		64,4	72,9	76,3	79,7	79,7	81,4	81,4	81,4	81,4	81,4	81,4	83,1	84,7	84,7	84,7
≥ 1500		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 1200		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 1000		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 900		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 800		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 700		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 600		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	93,2	93,2	93,2
≥ 500		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	96,6	98,3	98,3
≥ 400		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	96,6	98,3	98,3
≥ 300		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	91,5	96,6	98,3	98,3
≥ 200		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	93,2	98,3	100,0	100,0
≥ 100		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	93,2	98,3	100,0	100,0
0		64,4	74,6	78,0	84,7	88,1	89,8	89,8	89,8	89,8	89,8	89,8	93,2	98,3	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 59

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

24197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS — 12 UCT-09 UCT 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	≥ ½	≥ ¼	≥ 0			
NO CEILING		39,6	40,4	42,4	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,8
≥ 20000		42,0	42,8	44,8	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6	45,6
≥ 18000		42,4	43,2	45,2	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0
≥ 16000		42,4	43,2	45,2	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0
≥ 14000		42,4	43,2	45,2	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0	46,0
≥ 12000		43,2	44,0	46,0	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8
≥ 10000		43,6	44,4	46,4	47,2	47,2	47,2	47,2	47,2	47,2	47,2	47,2	47,2	47,2	47,2	47,2	47,2
≥ 9200		45,6	46,4	48,4	49,2	49,2	49,2	49,2	49,2	49,2	49,2	49,2	49,2	49,2	49,2	49,2	49,2
≥ 8000		48,0	49,2	51,2	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4	52,4
≥ 7000		49,6	50,8	52,8	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0
≥ 6000		49,6	50,8	52,8	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0
≥ 5000		51,6	52,8	54,8	56,0	56,0	56,4	56,4	56,4	56,8	56,8	56,8	56,8	56,8	56,8	56,8	56,8
≥ 4500		51,6	52,8	54,8	56,0	56,0	56,4	56,4	56,6	56,8	56,8	56,8	56,8	56,8	56,8	56,8	56,8
≥ 4000		55,6	56,8	59,2	60,8	60,8	61,2	61,2	61,2	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6
≥ 3500		56,4	57,6	60,0	61,6	61,6	62,0	62,0	62,0	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4
≥ 3000		58,0	59,2	62,4	64,0	64,0	64,4	64,4	64,8	65,2	65,2	65,2	65,2	65,2	65,2	65,2	65,2
≥ 2500		62,4	63,6	66,0	69,6	69,6	70,0	70,4	70,4	70,8	70,8	70,8	70,8	70,8	70,8	70,8	70,8
≥ 2000		65,2	66,8	72,0	74,0	74,0	74,4	74,8	74,8	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2
≥ 1800		66,0	67,6	72,8	74,8	74,8	75,2	75,6	75,6	76,0	76,0	76,0	76,0	76,0	76,0	76,0	76,0
≥ 1500		67,6	70,0	75,6	78,0	78,0	79,2	79,6	79,6	80,4	80,4	80,4	80,4	80,4	80,4	80,4	80,4
≥ 1200		67,6	70,4	76,4	79,6	79,6	81,2	82,4	82,6	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2
≥ 1000		68,0	70,8	77,6	81,2	81,2	82,8	84,4	84,8	86,0	86,4	86,4	86,4	86,4	86,4	86,4	86,4
≥ 900		68,0	70,8	77,6	81,2	81,2	82,8	84,4	85,2	86,4	86,8	86,8	86,8	86,8	86,8	86,8	86,8
≥ 800		68,0	70,8	77,6	82,0	82,0	83,6	85,6	86,4	88,0	88,4	88,4	88,4	88,4	88,4	88,4	88,4
≥ 700		68,0	70,8	77,6	82,0	82,0	83,6	85,6	86,4	88,4	88,8	89,2	89,2	89,2	89,2	89,2	89,2
≥ 600		68,0	70,8	78,0	82,4	82,4	84,0	86,8	87,6	90,4	91,2	91,6	92,0	92,0	92,0	92,0	92,0
≥ 500		68,0	70,8	78,0	83,2	83,2	84,8	88,6	89,6	93,2	94,4	94,8	95,2	95,2	95,2	95,2	95,2
≥ 400		68,0	70,8	78,0	83,2	83,2	84,8	88,8	89,6	94,4	95,6	96,0	96,4	96,8	96,8	96,8	96,8
≥ 300		68,0	70,8	78,0	83,2	83,2	84,8	88,8	89,6	94,4	95,6	96,4	97,6	98,0	98,0	98,0	98,0
≥ 200		68,0	70,8	78,0	83,2	83,2	84,8	88,8	89,6	94,4	95,6	96,8	98,0	99,2	99,6	99,6	99,6
≥ 100		68,0	70,8	78,0	83,2	83,2	84,8	88,8	89,6	94,4	95,6	96,8	98,0	99,2	99,6	100,0	100,0
0		68,0	70,8	78,0	83,2	83,2	84,8	88,8	89,6	94,4	95,6	96,8	98,0	99,2	99,6	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 250

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) 3AB TOLZ GERMANY AbF (STATION NAME) 65-70

06: 0-0° C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ ⅜	≥ ¼	≥ ⅛	0
NO CEILING		29,8	32,0	33,0	33,1	33,3	33,5	33,7	33,7	33,9	33,9	33,9	33,9	34,3	34,3	34,5
≥ 20000		34,6	36,7	37,8	38,0	38,2	38,4	38,5	38,8	38,7	38,7	38,7	38,7	39,1	39,1	39,3
≥ 18000		34,6	36,9	37,8	38,0	38,2	38,4	38,5	38,5	38,7	38,7	38,7	38,7	39,1	39,1	39,3
≥ 16000		34,6	36,9	37,8	38,0	38,2	38,4	38,5	38,5	38,7	38,7	38,7	38,7	39,1	39,1	39,3
≥ 14000		34,8	37,1	38,0	38,2	38,4	38,5	38,7	38,7	38,9	38,9	38,9	38,9	39,3	39,3	39,5
≥ 12000		35,6	37,8	38,7	38,9	39,1	39,3	39,5	39,5	39,7	39,7	39,7	39,7	40,0	40,0	40,2
≥ 10000		36,5	36,7	39,7	39,9	40,0	40,2	40,4	40,4	40,6	40,6	40,6	40,6	41,0	41,0	41,2
≥ 9000		37,8	40,0	41,0	41,2	41,3	41,5	41,7	41,7	41,9	41,9	41,9	41,9	42,3	42,3	42,5
≥ 8000		43,2	45,4	46,4	46,6	46,7	46,9	47,1	47,1	47,3	47,3	47,3	47,3	47,7	47,7	47,9
≥ 7000		46,0	48,2	49,3	49,5	49,7	49,9	50,1	50,1	50,3	50,3	50,3	50,3	50,7	50,7	50,8
≥ 6000		46,4	48,6	49,7	49,9	50,1	50,3	50,5	50,5	50,7	50,7	50,7	50,7	51,0	51,0	51,2
≥ 5000		48,2	50,8	52,0	52,1	52,3	52,5	52,7	52,7	52,9	52,9	52,9	52,9	53,3	53,3	53,4
≥ 4500		50,8	53,6	54,7	54,9	55,1	55,3	55,5	55,5	55,7	55,7	55,7	55,7	56,1	56,1	56,2
≥ 4000		52,7	55,9	57,2	57,4	57,5	57,7	57,9	57,9	58,1	58,1	58,1	58,1	58,5	58,5	58,7
≥ 3500		54,7	57,9	59,6	59,8	60,0	60,5	60,7	60,7	60,9	60,9	60,9	60,9	61,3	61,3	61,5
≥ 3000		56,1	59,4	61,3	61,8	62,0	62,6	62,8	62,8	62,9	62,9	62,9	62,9	63,[illegible]	63,3	63,5
≥ 2500		60,1	64,4	67,7	67,2	67,4	67,9	68,2	68,3	68,5	68,5	68,5	68,5	68,9	68,9	69,1
≥ 2000		61,9	66,2	69,1	70,0	70,2	70,9	71,3	71,3	72,4	72,4	72,4	72,4	72,8	72,8	73,0
≥ 1800		62,8	66,7	69,6	70,8	70,9	71,9	72,3	72,4	73,4	73,4	73,4	73,4	73,7	73,7	73,9
≥ 1500		63,3	68,2	71,9	74,5	74,9	76,2	76,5	76,7	77,7	77,7	77,7	77,7	78,0	78,0	78,2
≥ 1200		64,8	69,6	73,6	76,9	77,7	79,1	79,7	79,9	80,8	80,8	80,8	80,8	81,2	81,2	81,4
≥ 1000		65,0	70,4	74,5	77,8	78,6	81,4	82,3	82,9	84,4	84,5	84,5	84,5	84,9	84,9	85,1
≥ 900		65,0	70,4	74,7	78,2	79,0	81,9	83,1	83,6	85,1	85,3	85,3	85,3	85,7	85,7	85,8
≥ 800		65,2	70,8	75,2	78,8	79,5	82,7	83,8	84,5	86,8	87,5	87,5	87,5	87,9	87,9	88,1
≥ 700		65,6	70,9	75,0	78,5	80,1	83,6	84,7	85,5	88,3	89,0	89,0	89,0	89,4	89,4	89,6
≥ 600		65,6	70,9	76,2	80,1	80,8	84,9	86,4	87,5	90,9	92,0	92,0	92,2	92,6	92,6	92,7
≥ 500		65,6	70,9	76,2	80,1	80,8	85,1	87,3	88,2	92,9	95,5	95,7	96,3	96,8	96,8	97,2
≥ 400		65,6	70,9	76,2	80,1	80,8	85,1	87,3	88,6	93,1	95,9	96,3	97,0	98,1	98,1	98,5
≥ 300		65,6	70,9	76,2	80,1	80,8	85,3	87,5	89,0	93,9	96,8	97,2	98,1	99,3	99,3	99,8
≥ 200		65,6	70,9	76,2	80,1	80,8	85,3	87,5	89,0	93,9	96,8	97,2	98,1	99,3	99,4	100,0
≥ 100		65,6	70,9	76,2	80,1	80,8	85,3	87,5	89,0	93,9	96,8	97,2	98,1	99,3	99,4	100,0
0		65,6	70,9	76,2	80,1	80,8	85,3	87,5	89,0	93,9	96,8	97,2	98,1	99,3	99,4	100,0

TOTAL NUMBER OF OBSERVATIONS 537

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥¼	≥0	
NO CEILING		32.8	33.5	34.1	34.5	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000		37.6	38.2	38.7	39.1	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 18000		37.4	38.2	38.7	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000		37.4	38.2	38.7	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 14000		38.2	38.9	39.5	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 12000		39.1	39.9	40.4	40.8	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 10000		41.2	41.9	42.5	42.8	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 9000		42.1	42.8	43.4	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 8000		44.7	45	45.2	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 7000		47.5	48.2	48.0	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000		48.8	49.7	50.3	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000		50.5	51.4	52.0	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4500		51.8	52.7	53.3	53.6	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000		54.7	55.9	56.4	56.8	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3500		56.8	57.9	58.5	58.8	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3000		60.0	61.3	62.0	62.6	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2500		63.1	65.2	66.1	67.0	67.0	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000		65.4	68.2	70.0	70.9	70.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800		66.1	69.5	71.5	72.8	72.8	73.7	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500		67.6	71.3	74.3	76.2	76.2	77.3	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200		69.3	73.7	77.5	80.3	80.8	82.7	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000		70.0	74.9	79.1	82.3	82.9	85.0	85.7	86.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900		70.4	74.9	79.7	83.1	83.6	86.0	87.2	87.7	88.8	89.0	89.0	89.2	89.2	89.2	89.2
≥ 800		70.6	75.0	80.1	83.4	84.2	87.5	88.5	89.2	90.7	90.9	91.1	91.2	91.2	91.2	91.2
≥ 700		70.8	75.2	80.4	84.0	84.7	88.0	89.8	90.7	92.2	92.6	92.7	92.9	92.9	92.9	92.9
≥ 600		70.8	75.2	80.6	84.2	85.1	89.4	90.7	91.8	93.5	94.8	95.0	95.2	95.3	95.3	95.5
≥ 500		70.8	75.2	80.6	84.2	85.3	90.1	91.6	92.6	94.6	96.5	97.2	97.6	97.8	97.8	97.8
≥ 400		70.8	75.2	80.6	84.2	85.3	90.3	91.8	92.7	95.3	97.8	98.3	98.9	99.6	99.6	99.6
≥ 300		70.8	75.2	80.6	84.2	85.3	90.3	91.8	92.9	95.7	98.2	98.9	99.3	100.0	100.0	100.0
≥ 200		70.8	75.2	80.6	84.2	85.3	90.3	91.8	92.9	95.7	98.1	98.9	99.3	100.0	100.0	100.0
≥ 100		70.8	75.2	80.6	84.2	85.3	90.3	91.8	92.9	95.7	98.1	98.9	99.3	100.0	100.0	100.0
0		70.8	75.2	80.6	84.2	85.3	90.3	91.8	92.9	95.7	98.1	98.9	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 537

DATA PROCESSING DIVISION
USAF ETAC
1 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥¼	<¼
NO CEILING		31.5	32.0	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 20000		38.2	38.7	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000		38.4	38.9	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000		38.4	38.9	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 14000		38.5	39.1	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 12000		39.3	39.9	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 10000		40.8	41.3	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		41.5	42.1	42.5	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		45.3	45.8	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 7000		47.1	47.7	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 6000		47.7	48.2	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 5000		49.0	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4500		50.3	50.8	51.2	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		53.1	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3500		55.3	56.6	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3000		60.3	61.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2500		70.8	73.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000		72.8	75.6	76.7	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800		73.6	76.5	78.2	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500		75.8	79.9	82.3	83.2	83.6	84.4	84.4	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200		76.4	80.8	83.8	85.1	86.0	87.2	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000		76.7	81.2	84.4	86.0	87.0	88.5	88.8	89.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900		76.9	81.6	84.7	86.8	87.7	89.4	89.8	90.9	91.8	92.0	92.0	92.0	92.2	92.2	92.2
≥ 800		76.9	81.8	84.9	87.2	88.1	89.8	91.1	92.6	93.5	93.7	93.7	93.7	93.9	93.9	93.9
≥ 700		77.1	82.1	85.3	87.6	88.6	90.3	91.8	93.7	94.6	95.3	95.3	95.5	95.7	95.7	95.7
≥ 600		77.1	82.1	85.3	87.9	88.8	90.9	92.0	94.0	95.0	96.5	96.8	97.0	97.2	97.2	97.2
≥ 500		77.1	82.1	85.3	87.9	88.8	90.9	92.0	94.0	95.2	96.6	97.2	97.4	97.6	97.8	97.8
≥ 400		77.1	82.1	85.3	87.9	88.8	90.9	92.4	94.6	96.5	98.1	98.7	98.9	99.3	99.3	99.3
≥ 300		77.1	82.1	85.3	87.9	88.8	90.9	92.4	94.6	96.5	98.1	98.9	99.1	99.8	99.8	99.8
≥ 200		77.1	82.1	85.3	87.9	88.8	90.9	92.4	94.6	96.5	98.1	98.9	99.1	99.8	99.8	99.8
≥ 100		77.1	82.1	85.3	87.9	88.8	90.9	92.4	94.6	96.5	98.1	98.9	99.1	99.8	99.8	100.0
0		77.1	82.1	85.3	87.9	88.8	90.9	92.4	94.6	96.5	98.1	98.9	99.1	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS 537

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING		28.7	29.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000		40.1	41.0	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000		40.1	41.0	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000		40.1	41.0	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000		40.8	41.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 12000		40.6	41.6	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		43.6	44.6	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 9000		44.0	44.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000		48.3	49.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 7000		51.1	52.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 6000		52.1	53.4	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000		54.5	55.8	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4500		55.6	57.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000		58.6	60.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3500		60.5	62.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3000		63.9	66.5	67.8	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2500		71.2	74.2	76.0	76.4	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2000		73.8	77.3	79.4	79.8	80.3	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800		74.0	78.3	80.9	81.3	81.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500		74.9	80.1	83.3	83.7	84.5	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200		75.5	80.7	84.5	85.0	86.3	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000		75.8	81.1	85.0	86.1	87.5	89.5	90.1	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900		75.8	81.1	85.0	86.1	87.5	90.1	90.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800		75.8	81.1	85.0	86.1	87.6	90.8	91.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700		75.8	81.5	85.4	86.5	88.0	91.2	91.9	93.4	94.2	94.2	94.4	94.4	94.4	94.4	94.4
≥ 600		75.8	81.5	85.6	86.7	88.2	91.5	93.3	94.8	95.9	96.1	96.3	96.3	96.3	96.3	96.3
≥ 500		75.8	81.5	85.6	86.9	88.4	91.8	93.4	94.9	96.3	96.6	96.8	97.0	97.2	97.2	97.4
≥ 400		76.0	81.6	85.8	87.1	88.6	92.0	93.6	95.1	97.0	97.6	97.8	98.0	98.9	98.9	99.1
≥ 300		76.0	81.6	85.8	87.1	88.6	92.0	93.6	95.1	97.0	97.8	98.1	98.9	99.3	99.6	99.8
≥ 200		76.0	81.6	85.8	87.1	88.6	92.0	93.6	95.1	97.0	97.8	98.1	98.9	99.3	99.8	100.0
≥ 100		76.0	81.6	85.8	87.1	88.6	92.0	93.6	95.1	97.0	97.8	98.1	98.9	99.3	99.8	100.0
0		76.0	81.6	85.8	87.1	88.6	92.0	93.6	95.1	97.0	97.8	98.1	98.9	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 534

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) APR (MONTH)

1800-2000 (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	4	0
NO CEILING		34.0	34.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000		42.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.3
≥ 18000		43.1	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7
≥ 16600		43.1	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7
≥ 14000		43.1	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7
≥ 12000		48.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	44.9
≥ 10000		44.1	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8
≥ 9000		44.5	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.2
≥ 8000		47.4	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3
≥ 7000		50.9	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0
≥ 6000		52.4	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4
≥ 5000		54.2	55.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5
≥ 4500		56.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4
≥ 4000		59.8	61.4	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.3
≥ 3500		61.2	62.9	63.3	63.3	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1
≥ 3000		64.9	66.6	67.2	67.8	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7
≥ 2500		68.9	71.3	72.6	73.4	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4
≥ 2000		70.7	74.0	75.7	76.7	76.9	77.7	77.9	77.9	78.6	78.6	78.6	78.6	78.8	78.8	78.8
≥ 1800		71.1	74.6	77.3	78.6	78.8	79.6	80.0	80.0	80.8	80.8	80.8	80.8	81.0	81.0	81.0
≥ 1500		72.2	75.9	79.4	81.9	82.5	83.5	84.3	84.3	85.2	85.2	85.2	85.2	85.4	85.4	85.4
≥ 1200		72.2	75.9	80.0	83.5	84.3	85.6	86.4	86.4	87.2	87.2	87.2	87.2	87.4	87.4	87.4
≥ 1000		72.2	76.1	80.2	83.7	84.7	87.8	88.7	89.3	90.1	90.1	90.1	90.1	90.3	90.3	90.3
≥ 900		72.2	76.1	80.2	84.1	85.2	88.2	89.3	89.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1
≥ 800		72.2	76.1	80.4	84.3	85.6	89.3	90.7	91.3	92.6	92.8	92.8	92.8	93.0	93.0	93.0
≥ 700		72.2	76.3	81.2	85.2	86.8	90.5	92.0	92.8	94.0	94.2	94.4	94.	94.6	94.6	94.6
≥ 600		72.2	76.3	81.2	85.2	87.2	91.3	93.4	94.0	96.1	96.3	96.5	96.5	96.7	96.7	96.7
≥ 500		72.2	76.3	81.2	85.2	87.2	91.5	93.6	94.2	96.9	97.1	98.1	98.6	99.0	99.0	99.0
≥ 400		72.2	76.3	81.2	85.2	87.2	91.5	93.6	94.2	96.9	97.1	98.1	98.8	99.6	99.6	99.6
≥ 300		72.2	76.3	81.2	85.2	87.2	91.5	93.6	94.2	96.9	97.1	98.1	99.0	99.8	99.8	99.8
≥ 200		72.2	76.3	81.2	85.2	87.2	91.5	93.6	94.2	96.9	97.1	98.1	99.2	100.0	100.0	100.0
≥ 100		72.2	76.3	81.2	85.2	87.2	91.5	93.6	94.2	96.9	97.1	98.1	99.2	100.0	100.0	100.0
0		72.2	76.3	81.2	85.2	87.2	91.5	93.6	94.2	96.9	97.1	98.1	99.2	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 485

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAB TÖLZ GERMANY AAF STATION NAME | 66-68 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	<¼
NO CEILING		46.2	46.2	46.2	48.1	48.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000		50.9	50.9	50.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000		50.9	50.9	50.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000		50.9	50.9	50.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000		50.9	50.9	50.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000		50.9	50.9	50.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000		50.9	50.9	50.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000		51.9	51.9	51.9	53.8	53.8	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000		52.8	52.8	52.8	54.7	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 7000		59.4	59.4	59.4	61.3	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000		61.3	61.3	61.3	63.2	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000		61.3	61.3	61.3	63.2	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500		64.2	67.0	67.9	69.8	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000		65.1	67.9	68.9	70.8	70.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500		66.0	68.9	70.8	72.6	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000		66.0	68.9	70.8	72.6	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2500		69.8	72.6	76.4	79.2	79.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000		70.8	77.4	83.0	85.8	85.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800		70.8	77.4	84.9	88.7	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500		71.7	78.3	85.8	90.6	91.5	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200		71.7	78.3	85.8	90.6	91.5	92.5	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000		71.7	78.3	85.8	90.6	91.5	92.5	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900		71.7	78.3	85.8	90.6	91.5	92.5	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800		71.7	78.3	85.8	90.6	91.5	92.5	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700		71.7	78.3	85.8	90.6	91.5	92.5	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	95.3	95.3	95.3	98.1	98.1	98.1
≥ 400		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	95.3	95.3	98.1	98.1	98.1	98.1
≥ 300		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	96.2	97.2	100.0	100.0	100.0	100.0
≥ 200		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	96.2	97.2	100.0	100.0	100.0	100.0
≥ 100		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	96.2	97.2	100.0	100.0	100.0	100.0
≥ 0		71.7	78.3	85.8	90.6	91.5	92.5	94.3	94.3	95.3	96.2	97.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 106

USAF ETAC FORM JUL 64 0-11-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-68 (YEARS) ANY (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	≥5/8	≥½	≥5/16	≥¼	<¼
NO CEILING		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000		66.7	66.7	66.7	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		69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000		69.2	69.2	69.2	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		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000		74.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500		76.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000		79.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500		79.5	84.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000		79.5	84.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800		79.5	84.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		79.5	84.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200		79.5	89.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000		79.5	89.7	94.9	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		79.5	89.7	94.9	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 39

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		40.2	40.7	41.2	41.7	41.7	41.7	41.7	41.7	42.2	42.2	42.2	42.2	42.7	42.7	43.2
≥ 20000		43.7	44.2	44.7	45.2	45.2	45.2	45.2	45.2	45.7	45.7	45.7	45.7	46.2	46.2	46.7
≥ 18000		43.7	44.2	44.7	45.2	45.2	45.2	45.2	45.2	45.7	45.7	45.7	45.7	46.2	46.2	46.7
≥ 16000		43.7	44.2	44.7	45.2	45.2	45.2	45.2	45.2	45.7	45.7	45.7	45.7	46.2	46.2	46.7
≥ 14000		43.7	44.2	44.7	45.2	45.2	45.2	45.2	45.2	45.7	45.7	45.7	45.7	46.2	46.2	46.7
≥ 12000		44.2	44.7	45.2	45.7	45.7	45.7	45.7	45.7	46.2	46.2	46.2	46.2	46.7	46.7	47.2
≥ 10000		44.7	45.2	45.7	46.2	46.2	46.7	46.7	46.7	47.2	47.2	47.2	47.2	47.7	47.7	48.2
≥ 9000		45.7	46.2	46.7	47.2	47.2	47.7	47.7	47.7	48.2	48.2	48.2	48.2	48.7	48.7	49.2
≥ 8000		50.9	50.8	51.3	51.8	51.8	52.3	52.3	52.3	52.8	52.8	52.8	52.8	53.3	53.3	53.8
≥ 7000		52.8	53.8	54.3	54.8	54.8	55.3	55.3	55.3	55.8	55.8	55.8	55.8	56.3	56.3	56.8
≥ 6000		55.3	56.3	56.8	57.3	57.3	57.8	57.8	57.8	58.3	58.3	58.3	58.3	58.8	58.8	59.3
≥ 5000		56.8	57.8	58.3	58.8	58.8	59.8	59.8	59.8	60.3	60.3	60.3	60.3	60.8	60.8	61.3
≥ 4500		58.8	59.8	60.3	60.8	60.8	61.8	61.8	61.8	62.3	62.3	62.3	62.3	62.8	62.8	63.3
≥ 4000		62.8	63.8	64.3	64.8	64.8	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.8	66.8	67.3
≥ 3500		64.8	65.8	66.3	66.8	67.3	68.3	68.3	68.3	68.8	68.8	68.8	68.8	69.3	69.3	69.8
≥ 3000		69.3	70.9	71.4	71.9	72.4	73.4	73.4	73.4	74.4	74.4	74.4	74.4	74.9	74.9	75.4
≥ 2500		72.9	74.9	75.9	76.9	77.4	78.4	78.4	78.4	79.4	79.4	79.4	79.4	79.9	79.9	80.4
≥ 2000		76.4	78.4	79.9	80.9	81.4	82.4	82.4	82.4	83.4	83.4	83.4	83.4	83.9	83.9	84.4
≥ 1800		76.4	78.4	80.9	81.4	82.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.4	84.9
≥ 1500		77.4	79.4	81.4	82.9	84.4	85.4	85.4	85.4	86.4	86.4	86.4	86.4	86.9	86.9	87.4
≥ 1200		78.4	80.4	82.9	83.4	87.4	88.9	88.9	88.9	89.9	89.9	89.9	89.9	90.5	90.5	91.0
≥ 1000		79.4	81.4	84.4	87.9	89.9	91.5	91.5	91.5	92.5	92.5	92.5	92.5	93.0	93.0	93.5
≥ 900		79.4	81.4	84.4	87.9	89.9	91.5	91.5	91.5	92.5	92.5	92.5	92.5	93.0	93.0	93.5
≥ 800		79.4	81.4	84.4	87.9	90.5	94.0	94.0	94.0	95.0	95.0	95.0	95.0	95.5	95.5	96.0
≥ 700		79.4	81.4	84.4	87.9	90.5	94.0	94.0	94.5	95.5	95.5	95.5	95.5	96.0	96.0	96.5
≥ 600		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	97.5	97.5	97.5	97.5	98.0	98.0	98.5
≥ 500		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	98.0	98.0	98.0	98.0	98.5	98.5	99.0
≥ 400		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	98.0	98.0	98.0	98.0	98.5	98.5	99.0
≥ 300		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	98.0	98.0	98.0	98.0	98.5	98.5	99.5
≥ 200		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	98.0	98.0	98.0	98.0	98.5	99.0	100.0
≥ 100		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	98.0	98.0	98.0	98.0	98.5	99.0	100.0
0		79.4	81.9	84.9	88.4	91.0	95.0	95.5	96.5	98.0	98.0	98.0	98.0	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 159

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION | 8AB TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	6	≥ 5	≥ 4	≥ 3	≥ 2½	> 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	> 0
NO CEILING		37.1	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.7	38.7	38.9	38.9	39.1
≥ 20000		41.0	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.8	42.8	43.0	43.0	43.2
≥ 18000		41.0	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.8	42.8	43.0	43.0	43.2
≥ 16000		41.0	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.8	42.8	43.0	43.0	43.2
≥ 14000		41.0	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.8	42.8	43.0	43.0	43.2
≥ 12000		41.2	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	43.0	43.0	43.2	43.2	43.4
≥ 10000		43.4	44.5	44.9	44.9	44.9	44.9	45.3	45.3	45.3	45.4	45.6	45.6	45.8	45.8	46.0
≥ 9000		44.9	46.2	46.6	46.6	46.6	46.6	46.9	46.9	46.9	47.1	47.3	47.3	47.5	47.5	47.7
≥ 8000		49.2	50.5	50.8	50.8	50.8	50.8	51.2	51.2	51.2	51.4	51.6	51.6	51.8	51.8	52.0
≥ 7000		52.0	53.4	53.8	54.0	54.0	54.0	54.4	54.4	54.4	54.6	54.7	54.7	54.9	54.9	55.1
≥ 6000		54.6	56.1	56.4	56.6	56.6	56.6	57.0	57.0	57.0	57.2	57.4	57.4	57.5	57.5	57.7
≥ 5000		57.0	58.5	58.8	59.0	59.0	59.0	59.4	59.4	59.4	59.6	59.8	59.8	60.0	60.0	60.1
≥ 4500		57.7	59.2	59.6	59.8	59.8	59.8	60.1	60.1	60.1	60.3	60.5	60.5	60.7	60.7	60.9
≥ 4000		58.8	60.3	60.7	60.9	60.9	60.9	61.3	61.3	61.3	61.5	61.6	61.6	61.8	61.8	62.0
≥ 3500		61.6	63.3	63.7	64.2	64.2	64.2	64.6	64.6	64.6	64.8	65.0	65.0	65.2	65.2	65.4
≥ 3000		65.2	67.2	68.0	68.9	69.1	69.1	69.6	69.6	69.6	69.8	70.0	70.0	70.2	70.2	70.4
≥ 2500		68.9	71.1	71.9	72.8	73.0	73.0	73.6	73.6	73.6	73.7	73.9	73.9	74.1	74.1	74.3
≥ 2000		71.9	74.3	75.0	76.5	76.7	76.9	77.5	77.5	78.0	78.2	78.4	78.4	78.6	78.6	78.8
≥ 1800		72.6	75.4	76.2	77.8	78.0	78.2	78.8	78.8	79.3	79.5	79.7	79.7	79.9	79.9	80.1
≥ 1500		74.3	77.5	79.1	81.2	82.3	82.9	83.4	83.4	84.0	84.2	84.4	84.4	84.7	84.7	84.9
≥ 1200		76.7	80.0	83.2	85.7	87.0	87.7	88.3	88.3	89.0	89.2	89.4	89.4	89.5	89.8	89.9
≥ 1000		77.8	81.9	84.7	88.1	89.4	90.7	91.4	91.4	92.0	92.2	92.4	92.4	92.7	92.7	92.9
≥ 900		77.8	82.1	84.9	88.3	89.8	91.1	92.0	92.0	92.8	93.1	93.3	93.3	93.5	93.9	94.0
≥ 800		78.0	82.3	85.1	88.6	90.1	92.9	93.9	93.9	94.6	95.0	95.2	95.2	95.5	95.5	95.7
≥ 700		78.2	82.5	85.3	88.8	90.3	93.2	94.2	94.2	95.3	96.2	96.4	96.4	96.6	96.6	96.8
≥ 600		78.2	82.7	85.7	89.2	90.7	93.9	95.2	95.7	97.0	97.8	98.0	98.0	98.3	98.3	98.5
≥ 500		78.2	82.7	85.7	89.2	90.7	93.9	95.2	95.7	97.0	98.1	98.3	98.3	98.7	98.7	98.9
≥ 400		78.2	82.7	85.7	89.4	90.9	94.2	95.7	96.3	97.8	98.5	98.7	98.7	99.3	99.3	99.4
≥ 300		78.2	82.7	85.7	89.4	90.9	94.2	95.7	96.3	97.8	98.5	98.7	98.7	99.3	99.3	99.4
≥ 200		78.2	82.7	85.7	89.4	90.9	94.2	95.7	96.3	97.8	98.5	98.7	98.7	99.3	99.0	100.0
≥ 100		78.2	82.7	85.7	89.4	90.9	94.2	95.7	96.3	97.8	98.5	98.7	98.7	99.3	99.8	100.0
≥ 0		78.2	82.7	85.7	89.4	90.9	94.2	95.7	96.3	97.8	98.5	98.7	98.7	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 537

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | AY MONTH

0900-1100 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	≥⅜	≥¼	<¼
NO CEILING		34,8	35,8	35,9	36,1	36,1	36,1	36,1	36,1	36,1	36,1	36,1	36,1	36,1	36,1	36,1
≥ 20000		41,9	42,8	43,0	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
≥ 18000		41,9	42,8	43,0	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
≥ 16000		41,9	42,8	43,0	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
≥ 14000		41,9	42,8	43,0	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
≥ 12000		42,8	43,8	43,9	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,1
≥ 10000		44,1	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
≥ 9000		45,8	46,2	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
≥ 8000		47,3	48,4	48,6	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8
≥ 7000		49,3	50,5	50,7	50,8	50,8	50,8	50,8	50,8	50,8	50,8	50,8	50,8	50,8	50,8	50,8
≥ 6000		51,2	52,3	52,5	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7
≥ 5000		53,3	54,4	54,6	54,7	54,7	54,7	54,7	54,7	54,7	54,7	54,7	54,7	54,7	54,7	54,7
≥ 4500		54,4	55,5	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
≥ 4000		57,4	58,5	58,7	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8	58,8
≥ 3500		60,5	61,6	61,8	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0	62,0
≥ 3000		64,8	66,3	67,0	68,0	68,0	68,0	68,2	68,2	68,2	68,2	68,2	68,2	68,2	68,2	68,2
≥ 2500		70,0	71,9	72,6	73,6	73,6	73,9	74,1	74,1	74,1	74,1	74,1	74,1	74,1	74,1	74,1
≥ 2000		72,9	74,7	75,6	76,7	76,9	77,8	78,0	78,0	78,0	78,0	78,0	78,0	78,0	78,0	78,0
≥ 1800		73,4	75,8	76,9	78,0	78,2	79,1	79,5	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7
≥ 1500		77,1	79,9	81,9	83,4	84,2	85,3	85,7	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8
≥ 1200		80,1	83,4	86,4	88,6	89,6	90,9	91,2	91,4	91,4	91,4	91,4	91,4	91,4	91,4	91,4
≥ 1000		81,4	84,7	87,9	90,1	91,2	92,6	92,9	93,1	93,1	93,1	93,1	93,1	93,1	93,1	93,1
≥ 900		81,4	84,9	88,1	90,3	91,5	93,0	93,9	94,0	94,2	94,2	94,2	94,2	94,2	94,2	94,2
≥ 800		81,8	85,3	88,8	91,6	93,3	95,0	95,7	96,5	97,0	97,0	97,0	97,0	97,0	97,0	97,0
≥ 700		81,8	85,3	88,8	91,8	93,5	95,3	96,8	97,6	98,1	98,1	98,1	98,1	98,1	98,1	98,1
≥ 600		81,8	85,3	88,8	91,8	93,5	95,7	97,2	98,1	98,7	98,7	98,7	98,7	98,7	98,7	98,7
≥ 500		81,8	85,3	88,8	91,8	93,7	96,1	97,8	98,7	99,5	99,5	99,8	99,8	99,8	99,8	99,8
≥ 400		81,8	85,3	88,8	91,8	93,7	96,1	97,8	98,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		81,8	85,3	88,8	91,8	93,7	96,1	97,8	98,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		81,8	85,3	88,8	91,8	93,7	96,1	97,8	98,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		81,8	85,3	88,8	91,8	93,7	96,1	97,8	98,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0
0		81,8	85,3	88,8	91,8	93,7	96,1	97,8	98,7	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 537

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥¼	≥0
NO CEILING		30,4	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	30,6
≥ 20000		39,5	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7
≥ 18000		39,5	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7	39,7
≥ 16000		39,7	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8	39,8
≥ 14000		39,8	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 12000		40,8	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0	41,0
≥ 10000		41,6	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7
≥ 9000		42,3	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5
≥ 8000		45,9	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1
≥ 7000		48,2	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6
≥ 6000		49,9	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3
≥ 5000		52,2	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6	52,6
≥ 4500		53,9	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3
≥ 4000		58,1	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4
≥ 3500		61,5	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9	61,9
≥ 3000		68,7	69,6	70,0	70,0	70,0	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2
≥ 2500		75,7	77,6	78,2	78,2	78,2	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4	78,4
≥ 2000		78,2	80,1	81,2	81,8	82,0	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2
≥ 1800		79,3	81,6	82,7	83,5	83,7	84,1	84,1	84,1	84,1	84,1	84,1	84,1	84,1	84,1	84,1
≥ 1500		82,9	85,6	86,7	88,0	88,4	89,6	89,8	89,8	89,8	89,8	89,8	89,8	89,8	89,8	89,8
≥ 1200		83,9	86,7	88,6	90,7	91,3	92,4	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6
≥ 1000		84,1	87,1	89,2	91,7	92,2	93,5	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
≥ 900		84,1	87,3	89,6	92,0	92,6	93,9	94,1	94,1	94,3	94,3	94,3	94,3	94,3	94,3	94,3
≥ 800		84,3	87,5	89,9	93,4	93,9	95,4	95,6	95,6	95,8	95,8	95,8	95,8	95,8	95,8	95,8
≥ 700		84,4	87,7	90,5	94,1	94,9	96,6	97,2	97,2	97,3	97,2	97,3	97,3	97,3	97,3	97,3
≥ 600		84,4	87,7	90,5	94,3	95,3	97,0	98,3	98,3	98,5	98,5	98,5	98,5	96,5	98,5	98,5
≥ 500		84,4	87,7	90,5	94,5	95,4	97,5	99,1	99,1	99,2	99,2	99,4	99,4	99,4	99,4	99,4
≥ 400		84,4	87,7	90,5	94,5	95,4	97,5	99,1	99,1	99,2	99,2	99,4	99,8	100,0	100,0	100,0
≥ 300		84,4	87,7	90,5	94,5	95,4	97,5	99,1	99,1	99,2	99,2	99,4	99,8	100,0	100,0	100,0
≥ 200		84,4	87,7	90,5	94,5	95,4	97,5	99,1	99,1	99,2	99,2	99,4	99,8	100,0	100,0	100,0
≥ 100		84,4	87,7	90,5	94,5	95,4	97,5	99,1	99,1	99,2	99,2	99,4	99,8	100,0	100,0	100,0
0		84,4	87,7	90,5	94,3	95,4	97,5	99,1	99,1	99,2	99,2	99,4	99,8	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MAY GROUP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥¼
NO CEILING		30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9	30,9
≥ 20000		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	39,2
≥ 18000		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	39,2
≥ 16000		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	39,2
≥ 14000		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	39,2
≥ 12000		40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1
≥ 10000		41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5	41,5
≥ 9000		42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2
≥ 8000		47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0
≥ 7000		49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5	49,5
≥ 6000		50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7	50,7
≥ 5000		53,6	53,7	53,7	53,7	53,7	53,7	53,7	53,7	53,7	53,7	53,7	53,7	53,7	53,7
≥ 4500		55,5	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7
≥ 4000		60,1	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3	60,3
≥ 3500		65,8	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0
≥ 3000		73,1	73,5	73,5	73,5	73,5	73,5	73,5	73,5	73,5	73,5	73,5	73,5	73,5	73,5
≥ 2500		80,0	81,0	82,0	82,0	82,0	82,1	82,1	82,1	82,1	82,1	82,1	82,1	82,1	82,1
≥ 2000		82,3	84,1	85,4	85,4	85,4	85,8	85,8	85,8	85,8	86,0	86,0	86,0	86,0	86,0
≥ 1800		83,3	85,0	86,8	87,1	87,1	87,5	87,7	87,7	87,7	87,9	87,9	87,9	87,9	87,9
≥ 1500		84,6	86,4	88,3	88,9	89,1	89,6	90,0	90,0	90,0	90,2	90,2	90,2	90,2	90,2
≥ 1200		84,8	86,9	89,8	91,2	91,6	92,4	92,5	92,5	93,5	93,7	93,7	93,7	93,7	93,7
≥ 1000		84,8	87,1	90,4	91,7	92,5	93,1	93,7	93,7	94,5	94,8	94,8	95,0	95,0	95,0
≥ 900		84,8	87,1	90,6	92,1	92,9	93,5	94,0	94,0	95,0	95,2	95,2	95,4	95,4	95,4
≥ 800		85,0	87,3	91,0	92,5	93,3	94,6	95,4	95,6	96,7	96,9	96,9	97,1	97,1	97,1
≥ 700		85,4	87,7	91,4	93,1	93,9	95,2	96,0	96,2	97,5	97,7	97,7	97,9	97,9	97,9
≥ 600		85,4	87,7	91,6	93,3	94,2	95,8	96,5	96,7	98,1	98,3	98,3	98,5	98,5	98,5
≥ 500		85,4	87,7	91,6	93,3	94,2	96,4	97,1	97,3	98,7	98,8	98,8	99,4	99,4	99,4
≥ 400		85,4	87,7	91,6	93,3	94,2	96,4	97,1	97,5	99,0	99,2	99,2	99,8	100,0	100,0
≥ 300		85,4	87,7	91,6	93,3	94,2	96,4	97,1	97,5	99,0	99,2	99,2	99,8	100,0	100,0
≥ 200		85,4	87,7	91,6	93,3	94,2	96,4	97,1	97,5	99,0	99,2	99,2	99,8	100,0	100,0
≥ 100		85,4	87,7	91,6	93,3	94,2	96,4	97,1	97,5	99,0	99,2	99,2	99,8	100,0	100,0
≥ 0		85,4	87,7	91,6	93,3	94,2	96,4	97,1	97,5	99,0	99,2	99,2	99,8	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 521

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) MAY (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	≥5/8	≥½	≥7/16	≥¼	<¼
NO CEILING		38.6	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
≥ 20000		43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000		43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000		43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000		44.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000		44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 10000		46.8	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 9000		47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 8000		53.2	53.9	53.9	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		55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 6000		57.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000		58.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500		62.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4000		65.1	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500		69.0	70.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000		75.1	77.4	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500		79.9	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000		81.7	86.3	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800		81.9	86.5	88.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500		82.7	87.3	88.8	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200		84.2	88.8	91.3	93.1	93.4	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000		84.2	88.8	91.3	93.1	93.9	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900		84.7	89.3	91.9	94.1	95.2	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0
≥ 300		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0
≥ 200		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0
≥ 100		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0
0		85.0	89.6	92.1	94.7	95.9	97.5	97.5	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 393

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 BAD TOLZ GERMANY AAF 66-66 MAY

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0		
NO CEILING		58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3	58,3
≥ 20000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 18000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 16000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 14000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 12000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 10000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 9000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 8000		61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
≥ 7000		63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3
≥ 6000		63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3	63,3
≥ 5000		70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0
≥ 4500		70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0
≥ 4000		71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7
≥ 3500		71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7
≥ 3000		71,7	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0
≥ 2500		73,3	76,7	76,7	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3
≥ 2000		75,0	78,3	78,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3	83,3
≥ 1800		76,7	80,0	80,0	85,0	85,0	85,0	85,0	85,0	85,0	85,0	85,0	85,0	85,0	85,0
≥ 1500		76,7	85,0	85,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0
≥ 1200		78,3	90,0	90,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0
≥ 1000		78,3	90,0	90,0	95,0	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
≥ 900		78,3	90,0	90,0	95,0	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
≥ 800		78,3	90,0	90,0	95,0	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
≥ 700		78,3	90,0	90,0	95,0	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
≥ 600		78,3	90,0	90,0	95,0	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
≥ 500		78,3	90,0	90,0	95,0	98,3	98,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		78,3	90,0	90,0	95,0	98,3	98,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		78,3	90,0	90,0	95,0	98,3	98,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		78,3	90,0	90,0	95,0	98,3	98,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		78,3	90,0	90,0	95,0	98,3	98,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 0		78,3	90,0	90,0	95,0	98,3	98,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 60

1

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-69 (YEARS) JULY (MONTH)

0000-0200 (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING				44.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000				44.4	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				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000				44.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500		11.1	11.1	55.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000		11.1	11.1	55.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500		22.2	22.2	66.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000		22.2	22.2	66.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800		22.2	22.2	66.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		33.3	33.3	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

36197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) J (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		35,9	37,6	39,3	40,8	40,8	41,7	41,7	41,7	41,7	42,2	42,2	42,2	42,2	42,2	43,7
≥ 20000		37,4	38,8	40,8	42,7	42,7	43,7	43,7	43,7	43,7	44,2	44,2	44,2	44,2	44,2	45,6
≥ 18000		37,4	38,8	40,8	42,7	42,7	43,7	43,7	43,7	43,7	44,2	44,2	44,2	44,2	44,2	45,6
≥ 16000		37,4	38,8	40,8	42,7	42,7	43,7	43,7	43,7	43,7	44,2	44,2	44,2	44,2	44,2	45,6
≥ 14000		37,4	38,8	40,8	42,7	42,7	43,7	43,7	43,7	43,7	44,2	44,2	44,2	44,2	44,2	45,6
≥ 12000		37,4	38,8	40,8	42,7	42,7	43,7	43,7	43,7	43,7	44,2	44,2	44,2	44,2	44,2	45,6
≥ 10000		37,9	39,3	41,3	43,2	43,2	44,2	44,2	44,2	44,2	44,7	44,7	44,7	44,7	44,7	46,1
≥ 9000		38,8	40,3	42,2	44,2	44,2	45,1	45,1	45,1	45,1	45,6	45,6	45,6	45,6	45,6	47,1
≥ 8000		41,7	43,7	45,6	48,1	48,1	49,0	49,0	49,0	49,0	49,5	49,5	49,5	49,5	49,5	51,0
≥ 7000		43,2	45,1	47,1	49,5	49,5	50,5	50,5	50,5	50,5	51,0	51,0	51,0	51,0	51,0	52,4
≥ 6000		44,7	46,6	48,5	51,0	51,0	51,9	51,9	51,9	51,9	52,4	52,4	52,4	52,4	52,4	53,9
≥ 5000		47,6	49,5	51,5	53,9	53,9	54,9	54,9	54,9	54,9	55,3	55,3	55,3	55,3	55,3	56,8
≥ 4500		48,1	50,5	52,4	54,9	54,9	55,8	55,8	55,8	55,8	56,3	56,3	56,3	56,3	56,3	57,8
≥ 4000		51,5	54,4	56,8	59,2	59,2	60,2	60,2	60,2	60,2	60,7	60,7	60,7	60,7	60,7	62,1
≥ 3500		55,8	59,2	61,7	64,1	64,6	65,5	65,5	65,5	65,5	66,0	66,0	66,0	66,0	66,0	67,5
≥ 3000		59,7	63,1	66,5	69,4	69,9	70,9	70,9	70,9	70,9	71,4	71,4	71,4	71,4	71,4	72,8
≥ 2500		63,6	67,5	71,4	74,3	74,8	75,7	75,7	75,7	75,7	76,2	76,2	76,2	76,2	76,2	77,7
≥ 2000		67,0	71,4	75,2	78,2	78,6	79,6	79,6	80,1	80,1	80,6	80,6	80,6	80,6	80,6	82,0
≥ 1800		68,4	73,3	77,2	80,6	81,1	82,0	82,0	82,5	82,5	83,0	83,0	83,0	83,0	83,0	84,5
≥ 1500		69,9	74,8	80,1	84,5	85,0	85,9	85,9	86,4	86,4	86,9	86,9	86,9	86,9	86,9	88,3
≥ 1200		70,4	76,7	82,0	86,9	87,9	89,3	89,3	89,8	90,3	90,8	90,8	90,8	90,8	90,8	92,2
≥ 1000		70,4	76,7	82,0	87,4	88,3	89,8	89,8	90,3	90,8	91,3	91,3	91,3	91,3	91,3	92,7
≥ 900		70,4	76,7	82,0	87,4	88,8	90,8	90,8	91,3	92,2	92,7	92,7	92,7	92,7	92,7	94,2
≥ 800		70,4	76,7	82,0	87,4	89,8	91,7	91,7	92,2	93,7	94,2	94,2	94,2	94,2	94,2	95,6
≥ 700		70,9	76,7	82,0	88,3	91,3	93,2	93,2	93,7	95,1	95,6	95,6	95,6	95,6	95,6	97,1
≥ 600		70,9	76,7	82,0	88,3	91,3	93,2	93,2	93,7	95,1	95,6	95,6	95,6	95,6	95,6	97,1
≥ 500		70,9	76,7	82,0	88,3	91,3	93,2	94,2	94,7	96,6	97,1	97,1	97,1	97,1	97,1	98,5
≥ 400		70,9	76,7	82,0	88,3	91,3	93,2	94,2	94,7	97,6	98,1	98,1	98,1	98,1	98,5	100,0
≥ 300		70,9	76,7	82,0	88,3	91,3	93,2	94,2	94,7	97,6	98,1	98,1	98,1	98,1	98,5	100,0
≥ 200		70,9	76,7	82,0	88,3	91,3	93,2	94,2	94,7	97,6	98,1	98,1	98,1	98,1	98,5	100,0
≥ 100		70,9	76,7	82,0	88,3	91,3	93,2	94,2	94,7	97,6	98,1	98,1	98,1	98,1	98,5	100,0
0		70,9	76,7	82,0	88,3	91,3	93,2	94,2	94,7	97,6	98,1	98,1	98,1	98,1	98,5	100,0

TOTAL NUMBER OF OBSERVATIONS 206

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 63-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	> 0
NO CEILING		41,2	42,1	43,3	43,9	43,9	44,1	44,1	44,1	44,1	44,1	44,1	44,1	44,3	44,3	44,3
≥ 20000		44,6	45,6	46,7	47,3	47,3	47,5	47,5	47,5	47,5	47,5	47,5	47,5	47,7	47,7	47,7
≥ 18000		45,2	46,2	47,3	47,9	47,9	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,3	48,3	48,3
≥ 16000		45,2	46,2	47,3	47,9	47,9	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,3	48,3	48,3
≥ 14000		45,4	46,4	47,5	48,1	48,1	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,5	48,5	48,5
≥ 12000		45,4	46,4	47,5	48,1	48,1	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,5	48,5	48,5
≥ 10000		47,1	48,1	49,2	49,8	49,8	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,2	50,2	50,2
≥ 9000		48,1	49,0	50,2	50,8	50,8	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,1	51,1	51,1
≥ 8000		52,7	53,6	54,8	55,4	55,4	55,6	55,6	55,6	55,6	55,6	55,6	55,6	55,7	55,7	55,7
≥ 7000		53,8	54,8	55,9	56,5	56,5	56,7	56,7	56,7	56,7	56,7	56,7	56,7	56,9	56,9	56,9
≥ 6000		55,4	56,3	57,5	58,0	58,0	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,4	58,4	58,4
≥ 5000		58,6	59,6	60,7	61,3	61,3	61,5	61,5	61,5	61,5	61,5	61,5	61,5	61,7	61,7	61,7
≥ 4500		59,2	60,3	61,9	62,5	62,5	62,6	62,6	62,6	62,6	62,6	62,6	62,6	62,8	62,8	62,8
≥ 4000		61,7	62,8	64,4	64,9	65,1	65,3	65,3	65,3	65,3	65,3	65,3	65,3	65,5	65,5	65,5
≥ 3500		63,6	64,8	66,3	66,9	67,2	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,6	67,6	67,6
≥ 3000		67,8	69,0	70,9	71,5	71,8	72,0	72,0	72,0	72,0	72,0	72,0	72,0	72,2	72,2	72,2
≥ 2500		71,8	73,0	74,9	75,5	75,9	76,1	76,1	76,1	76,1	76,1	76,1	76,1	76,2	76,2	76,2
≥ 2000		75,3	77,0	78,9	79,7	80,1	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,7	80,7	80,7
≥ 1800		76,4	78,7	80,7	81,4	81,8	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,4	82,4	82,4
≥ 1500		78,4	81,2	84,1	85,4	85,8	86,4	86,4	86,4	86,4	86,4	86,4	86,4	86,6	86,6	86,6
≥ 1200		79,5	82,6	86,2	88,7	89,5	90,2	90,2	90,4	90,4	90,4	90,4	90,4	90,6	90,6	90,6
≥ 1000		79,5	82,9	86,4	89,3	90,0	91,0	91,0	91,2	91,4	91,4	91,4	91,4	91,6	91,6	91,6
≥ 900		79,5	82,6	86,4	90,0	91,0	92,5	92,5	92,7	92,9	92,9	92,9	92,9	93,1	93,1	93,1
≥ 800		79,5	82,6	86,4	90,2	91,8	93,3	93,3	93,9	94,4	94,4	94,4	94,6	94,8	94,8	94,8
≥ 700		79,5	82,8	86,6	90,6	92,5	94,6	94,8	95,4	96,6	96,6	96,6	96,7	96,9	96,9	96,9
≥ 600		79,5	82,8	86,6	90,6	92,5	94,8	95,0	95,6	96,7	96,7	96,7	96,9	97,1	97,1	97,1
≥ 500		79,7	83,1	87,0	91,2	93,1	95,8	96,4	96,9	98,3	98,3	98,3	98,5	98,7	98,7	98,7
≥ 400		79,7	83,1	87,2	91,4	93,7	96,6	97,3	97,9	99,2	99,2	99,2	99,4	99,6	99,6	99,6
≥ 300		79,7	83,1	87,2	91,4	93,7	96,6	97,3	97,9	99,4	99,4	99,4	99,8	100,0	100,0	100,0
≥ 200		79,7	83,1	87,2	91,4	93,7	96,6	97,3	97,9	99,4	99,4	99,4	99,8	100,0	100,0	100,0
≥ 100		79,7	83,1	87,2	91,4	93,7	96,6	97,3	97,9	99,4	99,4	99,4	99,8	100,0	100,0	100,0
0		79,7	83,1	87,2	91,4	93,7	96,6	97,3	97,9	99,4	99,4	99,4	99,8	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 522

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 63-70 (YEARS) J (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	≥ 5/8	≥ ½	≥ 5/16	< ¼	≥ 0
NO CEILING		38.7	39.5	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000		43.7	44.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000		43.7	44.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 16000		43.7	44.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 14000		43.9	44.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 12000		44.1	44.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000		47.1	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000		48.5	49.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 8000		53.1	53.8	55.2	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		53.6	54.6	55.9	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		56.6	56.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 5000		59.4	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500		60.2	61.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000		62.8	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500		65.3	66.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3000		72.0	73.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500		74.9	76.6	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000		77.8	80.3	81.8	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800		78.7	81.4	83.1	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500		81.8	85.4	88.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200		83.9	88.5	92.0	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000		84.3	88.9	92.5	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900		84.7	89.3	93.5	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800		85.2	89.8	94.4	96.2	96.6	96.9	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700		85.2	89.8	94.6	96.6	96.9	97.3	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0		85.4	90.0	94.8	96.7	97.1	97.9	98.7	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 522

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16		≥ 0
NO CEILING		37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000		41.0	41.2	41.4	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		41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 16000		41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000		41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 12000		41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000		43.0	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 9000		44.5	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 8000		47.5	47.7	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 7000		48.4	48.6	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 6000		50.0	50.2	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
≥ 5000		51.8	52.0	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4500		54.9	55.1	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4000		57.8	58.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 3500		63.5	64.1	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000		71.9	72.7	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500		80.3	81.8	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		85.0	86.7	89.1	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800		85.5	87.3	90.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500		86.5	88.9	92.0	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		87.9	90.4	93.6	94.7	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000		88.5	91.2	94.3	95.5	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900		88.5	91.4	94.9	96.3	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800		89.1	92.0	96.1	97.5	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		89.1	92.0	96.1	97.5	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		89.1	92.0	96.1	97.5	98.2	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		89.1	92.0	96.1	97.5	98.2	99.0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.1	92.0	96.1	97.5	98.2	99.0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.1	92.0	96.1	97.5	98.2	99.0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.1	92.0	96.1	97.5	98.2	99.0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.1	92.0	96.1	97.5	98.2	99.0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.1	92.0	96.1	97.5	98.2	99.0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 512

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — 1 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING		34.7	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000		41.0	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000		41.0	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 16000		41.0	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 14000		41.0	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 12000		41.4	41.4	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 10000		43.4	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 9000		43.2	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 8000		47.9	47.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 7000		49.5	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 6000		51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 5000		53.1	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500		55.8	56.0	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000		60.6	60.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3500		66.3	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000		75.9	76.9	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500		82.1	84.4	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000		83.6	88.2	90.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800		85.6	88.2	90.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500		86.4	89.0	92.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200		88.0	91.1	94.5	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		88.6	91.9	95.3	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		88.6	91.9	95.3	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		88.6	91.9	95.7	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		88.6	91.9	95.7	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600		88.6	91.9	95.7	97.8	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500		88.6	91.9	95.9	98.0	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		88.6	91.9	95.9	98.0	98.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		88.6	91.9	95.9	98.0	98.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		88.6	91.9	95.9	98.0	98.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.6	91.9	95.9	98.0	98.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		88.6	91.9	95.9	98.0	98.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1

04197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING		32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 20000		40.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000		40.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.8	40.8	40.8	40.8
≥ 16000		40.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000		40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 12000		42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000		43.2	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 9000		43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 8000		48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000		49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000		51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 5000		53.3	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 4500		55.9	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000		63.0	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500		68.9	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000		75.7	76.3	77.2	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500		83.4	84.0	86.4	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000		84.6	86.1	88.8	89.6	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800		84.9	86.4	89.1	90.5	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		86.1	87.6	91.1	92.6	92.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		87.9	89.9	93.5	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		87.9	89.9	94.1	96.2	96.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900		87.9	89.9	94.4	96.7	97.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		87.9	89.9	94.4	96.7	97.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		87.9	89.9	94.4	96.7	97.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		88.2	90.2	94.7	97.0	97.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		88.2	90.2	94.7	97.0	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		88.2	90.2	94.7	97.0	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		88.2	90.2	94.7	97.0	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		88.2	90.2	94.7	97.0	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.2	90.2	94.7	97.0	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		88.2	90.2	94.7	97.0	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 338

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-68 (YEARS) V (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		9,1	27,3	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
≥ 20000		9,1	27,3	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
≥ 18000		9,1	27,3	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
≥ 16000		9,1	27,3	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
≥ 14000		9,1	27,3	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		9,1	27,3	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
≥ 10000		9,1	27,3	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
≥ 9000		9,1	27,3	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
≥ 8000		9,1	27,3	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
≥ 7000		9,1	27,3	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
≥ 6000		9,1	27,3	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
≥ 5000		9,1	27,3	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
≥ 4500		27,3	45,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5
≥ 4000		36,4	54,5	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7
≥ 3500		36,4	54,5	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7
≥ 3000		36,4	54,5	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7
≥ 2500		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 2000		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1800		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1500		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1200		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 1000		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 900		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 800		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 700		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 500		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
0		63,6	81,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 11

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-69 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		38.5	42.1	43.0	44.3	44.3	44.3	45.7	46.2	47.1	48.0	48.0	49.3	50.2	50.7	52.0
≥ 20000		38.9	42.5	43.4	44.8	44.8	44.8	46.2	46.6	47.5	48.4	48.4	49.8	50.7	51.1	52.5
≥ 18000		38.9	42.	43.4	44.8	44.8	44.8	46.2	46.6	47.5	48.4	48.4	49.8	50.7	51.1	52.5
≥ 16000		38.9	42.5	43.4	44.3	44.8	44.8	46.2	46.6	47.5	48.4	48.4	49.8	50.7	51.1	52.5
≥ 14000		38.9	42.5	43.4	44.8	44.8	44.8	46.2	46.6	47.5	48.4	48.4	49.8	50.7	51.1	52.5
≥ 12000		38.9	42.5	43.4	44.8	44.8	44.8	46.2	46.6	47.5	48.4	48.4	49.8	50.7	51.1	52.5
≥ 10000		40.3	43.9	44.8	46.2	46.2	46.2	47.5	48.0	48.9	49.8	49.8	51.1	52.0	52.5	53.8
≥ 9000		40.7	44.3	45.2	46.6	46.6	46.6	48.0	48.4	49.3	50.2	50.2	51.6	52.5	52.9	54.3
≥ 8000		42.1	46.2	47.1	48.4	48.4	48.4	49.3	50.2	51.1	52.0	52.0	53.4	54.3	54.8	56.1
≥ 7000		43.4	47.5	48.4	49.8	49.8	49.8	51.1	51.6	52.5	53.4	53.4	54.8	55.7	56.1	57.5
≥ 6000		45.7	49.8	50.7	52.0	52.0	52.0	53.4	53.8	54.8	55.7	55.7	57.0	57.9	58.4	59.7
≥ 5000		49.3	53.4	54.8	56.1	56.1	56.6	57.9	58.4	59.3	60.2	60.2	61.5	62.4	62.9	64.3
≥ 4500		51.1	55.2	56.6	57.9	57.9	58.8	60.2	60.6	61.5	62.4	62.4	63.8	64.7	65.2	66.5
≥ 4000		55.7	59.7	61.1	62.4	62.4	63.3	64.6	65.1	67.0	67.9	67.9	69.2	70.1	70.6	71.9
≥ 3500		59.3	63.8	65.2	66.5	66.5	67.4	68.7	70.1	71.0	71.9	71.9	73.3	74.2	74.7	76.0
≥ 3000		63.8	68.3	71.0	72.4	72.4	73.3	74.6	76.0	76.9	77.8	77.8	79.2	80.1	80.5	81.9
≥ 2500		66.1	71.9	74.7	76.9	76.9	77.8	80.1	80.5	81.4	82.4	82.4	83.7	84.6	85.1	86.4
≥ 2000		66.8	73.1	77.8	80.1	80.1	81.0	83.3	83.7	84.6	85.5	85.5	86.9	87.8	88.2	89.6
≥ 1800		68.6	75.6	79.2	81.4	81.4	82.4	84.6	85.1	86.0	86.5	86.9	88.2	89.1	89.6	91.0
≥ 1500		69.2	76.9	81.0	84.2	84.6	86.0	88.2	88.7	89.6	90.5	90.5	91.9	92.8	93.2	94.6
≥ 1200		69.7	77.4	81.4	85.1	85.5	87.8	90.5	91.0	91.9	92.8	92.8	94.1	95.0	95.5	96.8
≥ 1000		69.7	77.4	81.4	85.1	85.5	87.8	90.5	91.0	91.9	92.8	92.8	94.1	95.0	95.5	96.8
≥ 900		69.7	77.4	81.4	85.1	85.5	87.8	90.5	91.0	91.9	92.8	92.8	94.1	95.0	95.5	96.8
≥ 800		70.1	77.8	81.9	85.5	86.0	89.6	92.3	92.8	93.7	94.6	94.6	95.9	96.8	97.3	98.6
≥ 700		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	96.4	97.3	97.7	99.1
≥ 600		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	96.8	97.7	98.2	99.5
≥ 500		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	97.3	98.2	98.6	100.0
≥ 400		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	97.3	98.2	98.6	100.0
≥ 300		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	97.3	98.2	98.6	100.0
≥ 200		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	97.3	98.2	98.6	100.0
≥ 100		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	97.3	98.2	98.6	100.0
0		70.1	77.8	81.9	85.5	86.0	90.0	92.8	93.2	94.1	95.0	95.0	97.3	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 221

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) J L (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		39.6	42.6	43.2	43.4	43.4	43.8	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.6	45.0
≥ 20000		41.4	44.4	45.3	45.5	45.5	45.9	46.1	46.5	46.5	46.7	46.7	46.7	46.7	46.9	47.3
≥ 18000		41.4	44.4	45.3	45.5	45.5	45.9	46.1	46.5	46.5	46.7	46.7	46.7	46.7	46.9	47.3
≥ 16000		41.4	44.4	45.3	45.5	45.5	45.9	46.1	46.5	46.5	46.7	46.7	46.7	46.7	46.9	47.3
≥ 14000		41.4	44.4	45.3	45.5	45.5	45.9	46.1	46.5	46.5	46.7	46.7	46.7	46.7	46.9	47.3
≥ 12000		41.4	44.4	45.3	45.5	45.5	45.9	46.1	46.5	46.5	46.7	46.7	46.7	46.7	46.9	47.3
≥ 10000		42.2	45.1	46.1	46.3	46.3	46.7	46.9	47.3	47.3	47.5	47.5	47.5	47.5	47.7	48.1
≥ 9000		42.4	45.3	46.3	46.5	46.5	46.9	47.1	47.5	47.5	47.7	47.7	47.7	47.7	47.9	48.3
≥ 8000		45.0	47.9	48.9	49.1	49.1	49.5	49.7	50.1	50.1	50.3	50.3	50.3	50.3	50.5	50.9
≥ 7000		46.1	49.1	50.1	50.5	50.5	51.1	51.3	51.9	51.9	52.1	52.1	52.1	52.1	52.3	52.7
≥ 6000		48.9	52.1	53.1	53.5	53.5	54.1	54.5	54.9	54.9	55.0	55.0	55.0	55.0	55.2	55.6
≥ 5000		53.3	56.4	57.8	58.2	58.2	58.8	59.2	59.6	59.6	59.8	59.8	59.8	59.8	60.0	60.4
≥ 4500		57.6	61.0	62.4	62.8	62.8	63.8	64.2	64.6	64.6	64.8	64.8	64.8	64.8	65.0	65.3
≥ 4000		61.8	65.3	66.7	67.3	67.3	68.5	68.9	69.3	69.3	69.5	69.5	69.5	69.5	69.7	70.1
≥ 3500		65.3	68.9	70.5	71.1	71.1	72.3	72.7	73.1	73.1	73.3	73.3	73.3	73.3	73.5	73.9
≥ 3000		68.7	72.7	75.4	76.4	76.4	77.6	78.0	78.4	78.4	78.6	78.6	78.6	78.6	78.8	79.2
≥ 2500		70.9	76.2	79.4	80.6	80.6	82.0	82.4	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.6
≥ 2000		73.1	78.8	82.0	83.4	83.4	85.0	85.5	85.9	86.1	86.3	86.3	86.3	86.3	86.5	86.9
≥ 1800		74.3	80.8	84.4	86.3	86.3	88.3	88.9	89.3	89.5	89.7	89.7	89.7	89.7	89.9	90.3
≥ 1500		75.2	82.8	87.5	90.5	90.5	92.9	93.5	93.9	94.1	94.3	94.3	94.3	94.3	94.5	94.9
≥ 1200		75.4	83.2	87.9	91.1	91.1	94.1	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.6	96.0
≥ 1000		75.6	83.4	88.3	91.5	91.5	95.0	95.6	96.0	96.4	96.6	96.6	96.6	96.6	96.8	97.2
≥ 900		75.6	83.4	88.3	91.5	91.5	95.2	96.0	96.4	96.8	97.0	97.0	97.0	97.0	97.2	97.6
≥ 800		76.0	84.0	89.1	92.3	92.3	96.6	97.4	98.0	98.8	99.0	99.0	99.0	99.0	99.2	99.6
≥ 700		76.0	84.0	89.1	92.3	92.3	96.6	97.4	98.0	98.8	99.0	99.0	99.0	99.0	99.2	99.8
≥ 600		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0
≥ 500		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0
≥ 400		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0
≥ 300		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0
≥ 200		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0
≥ 100		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0
0		76.0	84.0	89.1	92.5	92.5	97.0	97.8	98.4	99.2	99.4	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 505

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		42.8	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000		47.7	48.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000		47.7	48.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000		47.7	48.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000		47.9	49.1	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000		47.9	49.1	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000		48.9	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 9000		49.3	50.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000		52.3	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 7000		53.7	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000		56.0	58.0	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000		59.4	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500		63.2	65.1	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000		66.8	68.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500		69.7	72.1	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000		72.5	75.2	77.0	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500		78.4	82.2	84.0	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000		80.4	84.6	86.5	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800		81.6	85.9	88.3	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		83.6	88.9	92.7	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200		84.4	90.3	94.5	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		85.1	91.3	95.6	97.2	97.2	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		85.3	91.5	95.8	97.4	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800		85.5	91.7	96.0	97.8	97.8	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		85.5	91.7	96.0	97.8	97.8	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		85.5	91.7	96.0	97.8	98.0	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 505

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

12(0-14(

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥3/8	≥¼
NO CEILING		40,5	40,7	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9
≥ 20000		45,9	46,3	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5
≥ 18000		45,9	46,3	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5
≥ 16000		45,9	46,3	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5	46,5
≥ 14000		46,1	46,5	46,7	46,7	46,7	46,7	46,7	46,7	46,7	46,7	46,7	46,7	46,7	46,7
≥ 12000		47,1	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
≥ 10000		49,8	50,2	50,4	50,4	50,4	50,4	50,4	50,4	50,4	50,4	50,4	50,4	50,4	50,4
≥ 9000		52,1	52,5	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7
≥ 8000		57,4	57,9	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1
≥ 7000		61,6	62,0	62,2	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4	62,4
≥ 6000		63,2	63,6	63,8	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0
≥ 5000		64,5	64,9	65,1	65,3	65,3	65,3	65,3	65,3	65,3	65,3	65,3	65,3	65,3	65,3
≥ 4500		66,7	67,1	67,4	67,6	67,6	67,6	67,6	67,6	67,6	67,6	67,6	67,6	67,6	67,6
≥ 4000		70,0	70,5	70,7	71,1	71,1	71,1	71,1	71,1	71,1	71,1	71,1	71,1	71,1	71,1
≥ 3500		74,0	74,6	75,0	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4
≥ 3000		78,9	79,8	80,2	80,6	80,6	80,6	80,6	80,6	80,6	80,6	80,6	80,6	80,6	80,6
≥ 2500		87,6	88,8	89,3	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7
≥ 2000		89,7	90,9	91,5	91,9	91,9	91,9	91,9	91,9	91,9	91,9	91,9	91,9	91,9	91,9
≥ 1800		89,9	91,5	92,4	93,0	93,0	93,0	93,0	93,0	93,0	93,0	93,0	93,0	93,0	93,0
≥ 1500		90,7	92,4	93,6	94,4	94,6	94,6	94,6	94,6	94,6	94,6	94,6	94,6	94,6	94,6
≥ 1200		91,5	93,6	95,0	96,3	96,5	96,7	96,7	96,7	96,9	96,9	96,9	96,9	96,9	96,9
≥ 1000		91,7	94,4	95,9	97,1	97,3	97,7	97,7	97,7	97,9	97,9	97,9	97,9	97,9	97,9
≥ 900		91,7	94,6	95,9	97,1	97,3	97,7	97,9	97,9	98,1	98,1	98,1	98,1	98,1	98,1
≥ 800		91,7	94,6	96,3	97,5	97,7	98,1	98,6	98,8	99,0	99,0	99,0	99,0	99,0	99,0
≥ 700		91,7	94,8	96,5	97,7	97,9	98,6	99,0	99,4	99,6	99,6	99,6	99,6	99,6	99,6
≥ 600		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 500		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0
0		91,7	94,8	96,5	97,7	97,9	98,6	99,4	99,8	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 484

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36197 (STATION) DAB TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1
≥ 20000		40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4
≥ 18000		40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6
≥ 15000		40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6
≥ 14000		40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6	40,6
≥ 12000		41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4
≥ 10000		44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5	44,5
≥ 9000		46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1
≥ 8000		51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5
≥ 7000		55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0
≥ 6000		57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7	57,7
≥ 5000		62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3	62,3
≥ 4500		63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6
≥ 4000		69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1
≥ 3500		73,0	73,5	73,5	73,5	73,7	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9
≥ 3000		80,7	81,4	81,4	81,4	81,6	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8
≥ 2500		88,8	90,1	90,1	90,1	90,4	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8
≥ 2000		90,6	92,3	92,5	92,5	92,8	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2	93,2
≥ 1800		91,0	92,8	93,0	93,2	93,4	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9
≥ 1500		91,9	94,3	94,5	94,7	95,0	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,4	95,4
≥ 1200		93,0	95,8	96,1	96,3	96,7	97,4	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2
≥ 1000		93,2	96,1	96,3	96,5	96,9	97,6	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 900		93,6	96,3	96,5	96,7	97,1	97,8	98,7	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 800		93,4	96,3	96,5	96,7	97,1	98,0	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
≥ 700		93,6	96,3	96,5	96,7	97,1	98,0	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
≥ 600		93,6	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 500		93,6	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		93,4	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		93,6	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		93,4	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		93,6	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0
0		93,4	96,3	96,5	96,7	97,1	98,7	99,8	99,8	99,8	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 456

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS 1000-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3	41,3
≥ 20000		47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8
≥ 18000		47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8
≥ 16000		47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8
≥ 14000		47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8
≥ 12000		49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3	49,3
≥ 10000		52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8
≥ 9000		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	54,9	54,9
≥ 8000		59,9	60,2	60,2	60,2	60,2	60,5	60,5	60,5	60,5	60,5	60,5	60,5	60,5	60,5	60,5
≥ 7000		63,7	34,0	64,0	64,0	64,0	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,2	64,3	64,3
≥ 6000		66,1	66,4	66,4	66,4	66,4	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 5000		68,7	69,6	69,9	69,9	69,9	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2
≥ 4500		72,0	73,2	73,5	73,5	73,5	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7
≥ 4000		77,0	78,2	78,5	78,5	78,5	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,8	78,8
≥ 3500		82,9	84,1	84,4	84,4	84,4	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3	85,3
≥ 3000		86,4	87,6	88,5	88,8	88,8	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7
≥ 2500		91,2	92,6	93,5	93,8	93,8	94,7	94,7	94,7	94,7	94,7	94,7	94,7	94,7	94,7	94,7
≥ 2000		92,0	93,8	94,7	95,0	95,0	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9
≥ 1800		92,0	93,8	94,7	95,0	95,0	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9
≥ 1500		92,9	94,7	95,9	96,2	96,2	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3
≥ 1200		93,2	95,3	97,1	97,3	97,3	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 1000		93,5	95,6	97,6	97,9	97,9	99,1	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4
≥ 900		93,5	95,6	97,6	97,9	97,9	99,1	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4
≥ 800		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 700		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 600		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 500		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 400		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 300		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 200		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7	99,7
≥ 100		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	100,0	100,0
0		93,5	95,6	97,9	98,2	98,2	99,4	99,7	99,7	99,7	99,7	99,7	99,7	99,7	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 339

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (YEARS) N 4 (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 / ≥ 16000																
≥ 14000 / ≥ 12000																
≥ 10000 / ≥ 9000																
≥ 8000 / ≥ 7000		75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0
≥ 6000 / ≥ 5000		75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0
≥ 4500 / ≥ 4000		75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0	75,0 75,0
≥ 3500 / ≥ 3000		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 2500 / ≥ 2000		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 1800 / ≥ 1500		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 1200 / ≥ 1000		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 900 / ≥ 800		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 700 / ≥ 600		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 500 / ≥ 400		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 300 / ≥ 200		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0
≥ 100 / 0		100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0	100,0 100,0

TOTAL NUMBER OF OBSERVATIONS 4

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67 (YEARS) 6 (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | 6 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		23.5	23.9	25.9	26.7	26.7	28.4	28.4	28.8	30.5	30.9	30.9	31.3	32.9	32.9	35.0
≥ 20000		26.3	26.7	28.8	29.6	29.6	31.3	31.3	31.7	33.3	33.7	33.7	34.2	35.8	35.8	37.9
≥ 18000		26.3	26.7	28.8	29.6	29.6	31.3	31.3	31.7	33.3	33.7	33.7	34.2	35.8	35.8	37.9
≥ 16000		26.3	26.7	28.8	29.6	29.6	31.3	31.3	31.7	33.3	33.7	33.7	34.2	35.8	35.8	37.9
≥ 14000		26.3	26.7	28.8	29.6	29.6	31.3	31.3	31.7	33.3	33.7	33.7	34.2	35.8	35.8	37.9
≥ 12000		26.7	27.2	29.2	30.0	30.0	31.7	31.7	32.1	33.7	34.2	34.2	34.6	36.2	36.2	38.3
≥ 10000		29.6	30.0	32.1	32.9	33.3	35.4	35.4	35.8	37.4	37.9	37.9	38.3	39.9	39.9	42.0
≥ 9000		30.5	31.3	33.7	34.6	35.0	37.0	37.0	37.4	39.1	39.5	39.5	39.9	41.6	41.6	43.6
≥ 8000		34.6	35.8	38.3	39.5	39.9	42.0	42.0	42.4	44.0	44.4	44.4	44.9	46.5	46.5	48.6
≥ 7000		37.9	39.9	42.8	44.0	44.4	46.5	46.5	46.9	48.6	49.0	49.0	49.4	51.0	51.0	53.1
≥ 6000		40.7	42.8	45.7	46.9	47.3	49.4	49.4	49.8	51.4	51.9	51.9	52.3	53.9	53.9	56.0
≥ 5000		43.2	46.5	49.4	50.6	51.0	53.5	53.9	54.3	56.0	56.4	56.4	56.8	58.4	58.4	60.5
≥ 4500		45.3	48.6	51.4	52.7	53.1	55.6	56.4	56.8	58.4	58.8	58.8	59.3	60.9	60.9	63.0
≥ 4000		49.4	53.1	56.4	57.6	58.0	60.5	61.3	61.7	63.8	64.2	64.2	64.6	66.3	66.3	68.3
≥ 3500		51.9	55.6	59.3	60.5	60.9	63.4	64.2	64.6	66.7	67.1	67.1	67.5	69.1	69.1	71.2
≥ 3000		58.0	63.4	67.1	68.3	68.7	71.2	72.0	72.4	74.5	74.9	74.9	75.3	77.0	77.0	79.0
≥ 2500		61.3	67.5	72.0	73.7	74.1	76.5	77.4	77.8	79.8	80.2	80.2	80.7	82.3	82.3	84.4
≥ 2000		63.8	70.4	75.3	77.0	77.4	80.2	81.1	81.5	83.5	84.0	84.0	84.4	86.0	86.0	88.1
≥ 1800		64.2	70.8	75.7	77.4	77.8	80.7	81.5	81.9	84.0	84.4	84.4	84.8	86.4	86.4	88.5
≥ 1500		66.7	73.3	78.2	79.8	80.2	83.5	84.4	84.8	87.7	88.1	88.1	88.5	90.1	90.1	92.2
≥ 1200		66.7	73.3	78.6	80.7	81.1	84.4	85.2	85.6	88.5	88.9	88.9	89.3	90.9	90.9	93.0
≥ 1000		67.1	73.7	79.0	81.1	81.5	84.8	86.4	86.8	89.7	90.1	90.1	90.5	92.2	92.2	94.7
≥ 900		67.5	74.1	79.4	81.5	81.9	85.2	87.2	87.7	90.5	90.9	90.9	91.4	93.0	93.0	95.5
≥ 800		67.9	74.5	80.2	82.3	82.7	86.8	88.1	88.5	91.4	91.8	91.8	92.3	93.8	93.8	96.3
≥ 700		67.9	74.5	80.2	82.3	82.7	86.8	88.5	88.9	91.8	92.2	92.2	92.6	94.2	94.2	96.7
≥ 600		67.9	74.5	80.2	82.3	82.7	87.7	89.3	89.7	92.6	93.0	93.0	93.4	95.1	95.1	97.5
≥ 500		67.9	74.5	80.2	82.3	82.7	87.7	89.3	90.1	93.4	93.8	93.8	94.2	95.9	95.9	98.4
≥ 400		67.9	74.5	80.2	82.3	82.7	87.7	89.3	90.1	93.4	93.8	93.8	94.2	95.9	95.9	98.4
≥ 300		67.9	74.5	80.2	82.3	82.7	87.7	89.3	90.1	93.4	93.8	93.8	94.2	96.3	96.3	98.8
≥ 200		67.9	74.5	80.2	82.3	82.7	87.7	89.3	90.1	93.4	93.8	93.8	94.2	96.3	96.3	99.6
≥ 100		67.9	74.5	80.2	82.3	82.7	87.7	89.3	90.1	93.4	93.8	93.8	94.2	96.3	96.3	99.6
0		67.9	74.5	80.2	82.3	82.7	87.7	89.3	90.1	93.4	93.8	93.8	94.2	96.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 243

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 0	
NO CEILING		28,8	30,5	33,1	35,0	35,4	36,1	36,3	36,5	36,9	37,3	37,6	37,6	37,8	38,0	38,8
≥ 20000		32,2	33,9	36,5	38,4	38,8	39,5	39,7	39,9	40,3	40,6	41,0	41,0	41,2	41,4	42,1
≥ 18000		32,2	33,9	36,5	38,4	38,8	39,5	39,7	39,9	40,3	40,6	41,0	41,0	41,2	41,4	42,1
≥ 16000		32,2	33,9	36,5	38,4	38,8	39,5	39,7	39,9	40,3	40,6	41,0	41,0	41,2	41,4	42,1
≥ 14000		32,8	34,5	37,1	39,0	39,3	40,1	40,3	40,4	40,8	41,2	41,6	41,6	41,8	41,9	42,7
≥ 12000		32,8	34,5	37,1	39,0	39,3	40,1	40,3	40,4	40,8	41,2	41,6	41,6	41,8	41,9	42,7
≥ 10000		35,0	36,7	39,3	41,2	41,6	42,3	42,5	42,7	43,3	43,6	44,0	44,0	44,4	44,6	45,3
≥ 9000		35,8	37,5	40,1	41,9	42,3	43,1	43,3	43,4	44,0	44,4	44,8	44,8	45,1	45,3	46,1
≥ 8000		41,6	44,0	46,8	49,1	49,6	50,4	50,6	50,9	51,5	51,9	52,2	52,2	52,6	52,8	53,6
≥ 7000		43,9	46,4	49,3	51,5	52,1	52,8	53,0	53,4	53,9	54,3	54,7	54,7	55,1	55,2	56,0
≥ 6000		45,3	48,7	51,7	53,9	54,5	55,2	55,4	55,8	56,4	56,7	57,3	57,3	57,7	57,9	58,6
≥ 5000		48,5	51,9	54,9	57,1	57,7	58,4	58,6	59,0	59,6	59,9	60,5	60,5	60,9	61,0	61,8
≥ 4500		50,0	53,4	56,7	59,0	59,6	60,5	60,7	61,0	61,6	62,2	62,7	62,7	63,1	63,3	64,0
≥ 4000		54,9	58,4	61,8	64,0	64,6	65,7	65,9	66,3	66,9	67,4	68,0	68,0	68,4	68,5	69,3
≥ 3500		56,9	60,5	63,9	66,1	66,9	68,0	68,2	68,5	69,1	69,7	70,2	70,2	70,6	70,8	71,5
≥ 3000		60,5	64,6	68,7	71,3	72,1	73,2	73,4	73,8	74,3	74,9	75,5	75,5	75,8	76,0	76,8
≥ 2500		64,2	69,1	73,6	76,8	77,5	78,7	78,9	79,2	79,8	80,3	80,9	80,9	81,3	81,5	82,2
≥ 2000		67,0	72,7	77,9	81,1	81,8	83,0	83,1	83,5	84,1	84,6	85,2	85,2	85,6	85,8	86,5
≥ 1800		67,8	73,6	78,8	82,0	82,8	84,1	84,3	84,6	85,2	85,8	86,3	86,3	86,7	86,9	87,6
≥ 1500		68,5	75,3	80,7	84,3	85,0	86,3	86,9	87,3	87,8	88,4	89,0	89,0	89,3	89,5	90,3
≥ 1200		69,5	77,0	82,8	86,9	87,6	89,3	90,4	90,8	91,4	91,9	92,5	92,5	92,9	93,1	93,8
≥ 1000		69,7	77,3	83,1	87,3	88,0	90,3	91,2	91,6	92,1	92,7	93,3	93,3	93,6	93,8	94,6
≥ 900		69,9	77,5	83,3	87,5	88,2	90,4	91,6	91,9	92,7	93,3	93,8	93,8	94,2	94,4	95,1
≥ 800		69,9	77,7	83,5	87,6	88,4	90,8	92,1	92,7	93,4	94,0	94,6	94,6	94,9	95,1	95,9
≥ 700		69,9	77,7	83,5	87,6	88,4	90,8	92,3	92,9	94,0	94,6	95,1	95,1	95,5	95,7	96,4
≥ 600		69,9	77,7	83,5	87,6	88,4	90,8	93,3	93,8	94,9	95,5	96,1	96,1	96,4	96,6	97,4
≥ 500		69,9	77,7	83,5	87,6	88,4	91,0	93,4	94,2	95,3	96,1	96,6	96,6	97,0	97,2	97,9
≥ 400		69,9	77,7	83,5	87,6	88,4	91,2	93,6	94,4	96,1	96,8	97,4	97,4	97,8	97,9	99,3
≥ 300		69,9	77,7	83,5	87,6	88,4	91,2	93,6	94,6	96,4	97,2	97,8	97,9	98,3	98,5	99,8
≥ 200		69,9	77,7	83,5	87,6	88,4	91,2	93,6	94,6	96,4	97,2	97,8	97,9	98,3	98,5	100,0
≥ 100		69,9	77,7	83,5	87,6	88,4	91,2	93,6	94,6	96,4	97,2	97,8	97,9	98,3	98,5	100,0
0		69,9	77,7	83,5	87,6	88,4	91,2	93,6	94,6	96,4	97,2	97,8	97,9	98,3	98,5	100,0

TOTAL NUMBER OF OBSERVATIONS 534

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) A G (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		32.6	33.3	35.8	36.0	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 20000		38.4	39.3	41.8	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000		38.4	39.3	41.8	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 16000		38.4	39.3	41.8	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 14000		38.6	39.5	41.9	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000		38.8	39.7	42.1	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000		42.9	43.8	46.3	46.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 9000		44.0	44.9	47.4	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 8000		48.5	49.4	51.9	52.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000		52.6	53.9	56.4	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000		54.3	55.8	58.4	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 5000		56.4	57.9	60.5	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 4500		57.1	58.6	61.2	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4000		60.2	61.8	64.4	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500		64.4	66.5	69.1	70.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000		68.0	70.6	73.6	74.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500		71.8	74.2	77.3	78.7	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000		73.6	77.5	80.7	82.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800		74.9	79.0	82.4	83.7	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500		76.8	82.2	86.1	87.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200		77.2	83.0	87.5	89.1	90.8	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000		77.3	83.3	88.0	89.9	91.6	92.3	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900		77.7	83.7	88.4	90.4	92.1	93.1	93.6	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 800		77.7	83.9	89.0	91.0	92.7	93.8	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 700		77.9	84.1	89.1	91.4	93.1	94.8	95.5	95.7	95.7	95.9	95.9	96.1	96.1	96.1	96.1
≥ 600		77.9	84.1	89.3	91.6	93.4	95.7	97.2	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.3
≥ 500		77.9	84.1	89.3	91.9	93.8	96.1	97.9	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 400		77.9	84.1	89.5	91.9	93.8	96.1	97.9	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300		77.9	84.1	89.5	91.9	93.8	96.3	98.3	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200		77.9	84.1	89.5	91.9	93.8	96.3	98.3	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		77.9	84.1	89.5	91.9	93.8	96.3	98.3	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0		77.9	84.1	89.5	91.9	93.8	96.3	98.3	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 534

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATIO — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — - 0 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		34,2	34,7	36,5	36,7	36,7	36,7	36,7	36,7	36,7	36,7	36,7	36,7	36,7	36,7	36,7
≥ 20000		38,8	40,2	41,9	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 18000		38,8	40,2	41,9	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 16000		38,8	40,2	41,9	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 14000		38,8	40,2	41,9	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 12000		38,8	40,2	41,9	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 10000		41,3	42,7	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
≥ 9000		42,5	43,8	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		47,3	48,8	50,6	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4
≥ 7000		50,2	52,3	54,1	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8
≥ 6000		52,5	54,8	56,6	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3
≥ 5000		55,6	57,9	59,7	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4	60,4
≥ 4500		56,9	59,3	61,0	61,8	61,8	61,8	61,8	61,8	61,8	61,8	61,8	61,8	61,8	61,8	61,8
≥ 4000		60,0	62,5	64,3	65,1	65,1	65,1	65,1	65,1	65,1	65,1	65,1	65,1	65,1	65,1	65,1
≥ 3500		65,6	68,3	70,5	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2
≥ 3000		69,1	72,0	74,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7
≥ 2500		73,2	76,4	79,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5
≥ 2000		76,3	79,7	84,0	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9
≥ 1800		77,4	81,7	85,9	86,9	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1	87,1
≥ 1500		78,2	82,8	87,5	88,6	89,4	89,4	89,4	89,4	89,4	89,4	89,4	89,4	89,4	89,4	89,4
≥ 1200		79,3	83,3	90,9	92,9	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6
≥ 1000		80,3	86,3	92,1	94,2	95,0	95,2	95,6	95,6	95,9	95,9	95,9	95,9	95,9	95,9	95,9
≥ 900		90,5	86,7	92,5	94,8	95,6	95,8	96,1	96,1	96,5	96,5	96,5	96,5	96,5	96,5	96,5
≥ 800		80,7	87,1	93,2	95,6	96,5	96,7	97,3	97,3	98,1	98,1	98,1	98,1	98,1	98,1	98,1
≥ 700		80,7	87,1	93,2	95,6	96,5	97,3	97,7	97,7	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 600		80,7	87,1	93,2	95,6	96,7	97,3	98,3	98,3	99,0	99,0	99,0	99,0	99,0	99,0	99,0
≥ 500		80,7	87,1	93,4	95,8	96,9	97,5	98,5	98,5	99,2	99,2	99,2	99,2	99,2	99,2	99,2
≥ 400		80,7	87,1	93,4	95,9	97,1	97,7	98,6	98,6	99,8	99,8	99,8	99,8	99,8	99,8	99,8
≥ 300		80,7	87,1	93,4	95,9	97,1	97,7	98,6	98,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		80,7	87,1	93,4	95,9	97,1	97,7	98,6	98,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		80,7	87,1	93,4	95,9	97,1	97,7	98,6	98,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0
0		80,7	87,1	93,4	95,9	97,1	97,7	98,6	98,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 518

C

USAF ETAC FORM JUL 65 0-14-5(01, 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) A-U (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		33.6	34.2	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		42.2	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000		42.2	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000		42.2	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000		42.2	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000		42.8	43.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 10000		43.2	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 9000		45.4	46.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000		50.9	51.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000		53.4	54.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 6000		56.0	57.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000		59.3	60.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500		61.5	62.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 4000		65.8	67.2	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500		71.5	73.3	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		77.2	80.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500		80.0	83.0	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000		82.9	86.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800		84.1	88.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500		84.9	89.4	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200		86.4	91.0	94.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		86.8	91.4	94.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900		87.0	91.9	95.5	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800		87.0	92.5	96.1	97.8	98.2	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		87.0	92.5	96.1	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600		87.0	92.5	96.1	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500		87.0	92.5	96.3	98.2	98.6	98.6	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.0	92.5	96.3	98.2	98.6	98.6	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.0	92.5	96.3	98.2	98.6	98.6	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.0	92.5	96.3	98.2	98.6	98.6	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.0	92.5	96.3	98.2	98.6	98.6	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.0	92.5	96.3	98.2	98.6	98.6	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 491

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS) 06 (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		32.8	33.3	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000		41.6	42.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000		41.9	42.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000		41.9	42.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000		41.9	42.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000		42.4	43.2	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.3	44.5	44.5
≥ 10000		44.0	44.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 9000		46.1	46.9	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 8000		50.1	50.9	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000		52.8	53.6	54.9	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000		54.7	55.5	56.8	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000		59.2	60.0	61.3	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500		62.9	64.0	65.3	65.6	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000		67.2	69.1	70.9	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3500		74.4	77.3	79.2	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000		77.6	81.1	83.2	83.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500		80.5	84.3	86.9	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000		81.3	85.3	88.8	90.7	90.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800		82.1	86.1	89.6	91.5	91.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		89.7	87.7	92.0	93.9	94.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200		84.0	88.0	92.3	94.1	94.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		84.3	88.8	93.1	94.9	95.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		84.5	89.1	93.3	95.2	95.7	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		84.5	89.2	93.6	95.5	96.0	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		84.5	89.2	93.6	95.5	96.0	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		84.5	89.2	93.6	95.5	96.0	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		84.5	89.2	93.6	95.5	96.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		84.5	89.2	93.6	95.5	96.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		84.5	89.2	93.6	95.5	96.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.5	89.2	93.6	95.5	96.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.5	89.2	93.6	95.5	96.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		84.5	89.2	93.6	95.5	96.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 375

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 67-69 (YEARS) J G (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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		20.0	20.0	26.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000		26.7	26.7	33.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000		26.7	26.7	33.3	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		26.7	26.7	33.3	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		26.7	26.7	33.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000		26.7	26.7	33.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000		26.7	26.7	33.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000		40.0	40.0	46.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000		40.0	40.0	46.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 7000		40.0	40.0	46.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 6000		40.0	40.0	46.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 5000		40.0	40.0	46.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4500		46.7	46.7	53.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4000		53.3	53.3	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500		60.0	60.0	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000		66.7	66.7	73.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500		66.7	66.7	73.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000		66.7	73.3	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		73.3	80.0	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-67,69 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		35,5	35,5	35,5	45,2	45,2	45,2	48,4	48,4	51,6	51,6	51,6	51,6	54,8	54,8	58,1
≥ 20000		35,5	35,5	38,7	48,4	48,4	48,4	51,6	51,6	54,8	54,8	54,8	54,8	58,1	58,1	61,3
≥ 18000		35,5	35,5	38,7	48,4	48,4	48,4	51,6	51,6	54,8	54,8	54,8	54,8	58,1	58,1	61,3
≥ 16000		35,5	35,5	38,7	48,4	48,4	48,4	51,6	51,6	54,8	54,8	54,8	54,8	58,1	58,1	61,3
≥ 14000		35,5	35,5	38,7	48,4	48,4	48,4	51,6	51,6	54,8	54,8	54,8	54,8	58,1	58,1	61,3
≥ 12000		35,5	35,5	38,7	48,4	48,4	48,4	51,6	51,6	54,8	54,8	54,8	54,8	58,1	58,1	61,3
≥ 10000		35,5	38,7	41,9	51,6	51,6	51,6	54,8	54,8	58,1	58,1	58,1	58,1	61,3	61,3	64,5
≥ 9000		35,5	38,7	41,9	51,6	51,6	51,6	54,8	54,8	58,1	58,1	58,1	58,1	61,3	61,3	64,5
≥ 8000		35,5	31,7	41,9	51,6	51,6	51,6	54,8	54,8	58,1	58,1	58,1	58,1	61,3	61,3	64,5
≥ 7000		38,7	41,9	45,2	54,8	54,8	54,8	58,1	58,1	61,3	61,3	61,3	61,3	64,5	64,5	67,7
≥ 6000		45,2	48,4	51,6	61,3	61,3	61,3	64,5	64,5	67,7	67,7	67,7	67,7	71,0	71,0	74,2
≥ 5000		45,2	48,4	51,6	61,3	61,3	61,3	64,5	64,5	67,7	67,7	67,7	67,7	71,0	71,0	74,2
≥ 4500		45,2	48,4	51,6	61,3	61,3	61,3	64,5	64,5	67,7	67,7	67,7	67,7	71,0	71,0	74,2
≥ 4000		45,2	48,4	51,6	61,3	61,3	61,3	64,5	64,5	67,7	67,7	67,7	67,7	71,0	71,0	74,2
≥ 3500		45,2	48,4	51,6	61,3	61,3	61,3	64,5	64,5	67,7	67,7	67,7	67,7	71,0	71,0	74,2
≥ 3000		45,2	48,4	51,6	64,5	64,5	64,5	67,7	67,7	71,0	71,0	71,0	71,0	74,2	74,2	77,4
≥ 2500		45,2	51,6	58,1	71,0	71,0	71,0	74,2	74,2	77,4	77,4	77,4	77,4	80,6	80,6	83,9
≥ 2000		45,2	51,6	58,1	71,0	71,0	71,0	74,2	74,2	77,4	77,4	77,4	77,4	80,6	80,6	83,9
≥ 1800		45,2	51,6	58,1	71,0	71,0	71,0	74,2	74,2	77,4	77,4	77,4	77,4	80,6	80,6	83,9
≥ 1500		48,4	54,8	64,5	77,4	77,4	77,4	80,6	80,6	83,9	83,9	83,9	83,9	87,1	87,1	90,3
≥ 1200		48,4	54,8	64,5	77,4	77,4	83,9	87,1	87,1	90,3	90,3	90,3	90,3	93,5	93,5	96,8
≥ 1000		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 900		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 800		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 700		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 600		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 500		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 400		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 300		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 200		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
≥ 100		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0
0		48,4	54,8	64,5	77,4	77,4	87,1	90,3	90,3	93,5	93,5	93,5	93,5	96,8	96,8	100,0

TOTAL NUMBER OF OBSERVATIONS 31

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		25,4	27,5	30,5	30,9	30,9	33,1	34,7	35,2	36,9	39,4	40,3	42,8	47,0	48,3	49,2
≥ 20000		26,7	29,2	33,1	33,5	33,5	35,6	38,1	38,6	40,3	42,8	43,6	46,2	50,4	51,7	52,5
≥ 18000		26,7	29,2	33,1	33,5	33,5	35,6	38,1	38,6	40,3	42,8	43,6	46,2	50,4	51,7	52,5
≥ 16000		26,7	29,2	33,1	33,5	33,5	35,6	38,1	38,6	40,3	42,8	43,6	46,2	50,4	51,7	52,5
≥ 14000		26,7	29,2	33,1	33,5	33,5	35,6	38,1	38,6	40,3	42,8	43,6	46,2	50,4	51,7	52,5
≥ 12000		26,7	29,2	33,1	33,5	33,5	35,6	38,1	38,6	40,3	42,8	43,6	46,2	50,4	51,7	52,5
≥ 10000		26,7	29,2	33,1	33,5	33,5	35,6	38,1	38,6	40,3	42,8	44,1	46,6	50,8	52,1	53,0
≥ 9000		29,2	31,8	35,6	36,0	36,0	38,1	40,7	41,1	42,8	45,3	46,6	49,2	53,4	54,7	55,5
≥ 8000		31,8	36,0	39,8	40,3	40,3	43,6	46,2	46,6	48,3	50,8	52,1	54,7	58,9	60,2	61,0
≥ 7000		33,1	37,3	41,1	42,4	42,4	45,8	48,3	48,7	50,4	53,0	54,2	56,8	61,0	62,3	63,1
≥ 6000		35,2	39,4	43,2	44,5	44,5	47,9	50,4	50,8	52,5	55,1	56,4	58,9	63,1	64,4	65,3
≥ 5000		36,0	40,3	44,1	45,3	45,3	48,7	51,3	51,7	53,4	55,9	57,2	59,7	64,0	65,3	66,1
≥ 4500		37,3	41,5	45,3	46,6	46,6	50,0	52,5	53,0	54,7	57,2	58,5	61,0	65,3	66,5	67,4
≥ 4000		39,4	44,5	48,3	49,6	49,6	53,0	55,5	55,9	57,6	60,2	61,4	64,0	68,2	69,5	70,3
≥ 3500		42,8	48,3	52,5	53,8	53,8	57,2	59,7	60,2	61,9	64,4	65,7	68,2	72,5	73,7	74,6
≥ 3000		46,6	52,1	57,2	58,9	58,9	62,3	64,8	65,3	66,9	69,5	70,8	73,3	77,5	78,8	79,7
≥ 2500		47,9	54,2	59,3	61,4	61,4	65,3	67,8	68,2	69,9	72,5	73,7	76,3	80,5	81,8	82,6
≥ 2000		48,3	55,9	61,0	64,0	64,0	68,2	70,8	71,2	72,9	75,4	76,7	79,2	83,5	84,7	85,6
≥ 1800		48,3	55,9	61,0	64,4	64,8	69,1	71,6	72,0	73,7	76,3	77,5	80,1	84,3	85,6	86,4
≥ 1500		48,3	55,9	61,4	64,8	65,7	70,3	72,9	72,3	75,0	77,5	78,8	81,4	85,6	86,9	87,7
≥ 1200		48,7	56,8	62,3	65,7	66,5	71,2	74,6	75,0	76,7	79,2	80,5	83,1	87,3	88,6	89,4
≥ 1000		48,7	56,8	62,3	66,5	67,4	72,9	76,3	76,7	78,4	81,4	82,6	85,2	89,4	90,7	91,5
≥ 900		48,7	56,8	62,3	66,5	67,4	73,0	76,4	76,8	80,5	83,5	84,7	87,3	91,5	92,8	93,6
≥ 800		49,2	57,2	62,6	67,4	68,2	73,8	77,2	77,7	81,4	84,3	85,6	88,1	92,4	93,6	94,5
≥ 700		49,2	57,2	62,6	67,4	68,2	76,3	80,1	80,5	82,2	85,2	86,4	89,0	93,2	94,5	95,3
≥ 600		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	82,6	85,6	86,9	89,4	93,6	94,9	95,8
≥ 500		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	83,1	86,0	87,7	90,3	94,5	95,8	96,6
≥ 400		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	83,5	86,9	88,6	91,1	95,3	96,6	97,5
≥ 300		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	83,9	87,3	89,0	91,9	96,6	97,9	98,7
≥ 200		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	83,9	87,3	89,0	91,9	96,6	97,9	98,7
≥ 100		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	83,9	87,3	89,0	91,9	97,0	98,7	99,6
9		49,2	57,2	62,6	67,8	68,6	76,7	80,5	80,9	83,9	87,3	89,0	91,9	97,0	98,7	100,0

TOTAL NUMBER OF OBSERVATIONS 236

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥3/16	≥¼	
NO CEILING		34.0	35.6	37.0	37.9	38.3	39.9	40.1	40.3	41.1	41.9	42.1	42.7	43.7	44.7	45.5
≥ 20000		37.7	39.3	40.7	41.7	42.1	43.7	44.1	44.3	45.5	46.2	46.4	47.0	48.4	49.4	50.4
≥ 18000		37.7	39.3	40.7	41.7	42.1	43.7	44.1	44.3	45.5	46.2	46.4	47.0	48.4	49.4	50.4
≥ 16000		37.7	39.3	40.7	41.7	42.1	43.7	44.1	44.3	45.5	46.2	46.4	47.0	48.4	49.4	50.4
≥ 14000		37.7	39.3	40.7	41.7	42.1	43.7	44.1	44.3	45.5	46.2	46.4	47.0	48.4	49.4	50.4
≥ 12000		38.5	40.1	41.5	42.5	42.9	44.5	44.9	45.1	46.2	47.0	47.2	47.8	49.2	50.2	51.2
≥ 10000		39.7	41.5	42.9	43.9	44.3	45.8	46.2	46.4	47.6	48.4	48.6	49.2	50.6	51.6	52.6
≥ 9000		40.3	42.1	43.5	44.5	44.9	46.4	46.8	47.0	48.2	49.0	49.2	49.8	51.2	52.2	53.4
≥ 8000		43.1	45.7	47.2	48.8	49.2	50.8	51.2	51.4	52.6	53.6	54.0	54.5	55.9	56.9	58.1
≥ 7000		45.1	48.2	50.0	52.0	52.4	54.2	54.6	54.7	55.9	56.9	57.3	57.9	59.3	60.3	61.5
≥ 6000		46.6	50.0	51.8	53.8	54.2	55.9	56.3	56.5	57.7	58.7	59.1	59.7	61.1	62.1	63.2
≥ 5000		49.8	53.2	54.9	56.9	57.3	59.1	59.5	59.7	60.9	61.9	62.3	62.8	64.2	65.2	66.4
≥ 4500		51.0	54.3	56.1	58.1	58.5	60.3	60.7	60.9	62.1	63.0	63.4	64.0	65.4	66.4	67.6
≥ 4000		52.8	56.7	58.5	60.5	60.9	62.6	63.0	63.2	64.4	65.4	65.8	66.4	67.8	68.8	70.0
≥ 3500		55.5	60.1	61.9	64.0	64.4	66.2	66.6	67.0	68.2	69.2	69.6	70.2	71.5	72.5	73.7
≥ 3000		59.7	64.4	66.4	69.4	69.8	71.7	72.1	72.4	73.9	74.9	75.5	76.1	77.5	78.5	79.8
≥ 2500		62.1	66.8	69.0	71.9	72.3	74.7	75.1	75.4	76.9	77.9	78.5	79.1	80.4	81.4	82.8
≥ 2000		63.4	68.2	71.7	75.5	75.9	78.5	78.9	79.1	80.6	81.6	82.2	82.8	84.2	85.2	86.6
≥ 1800		63.4	68.2	71.7	75.7	76.1	78.7	79.1	79.3	80.8	81.8	82.4	83.0	84.4	85.4	86.8
≥ 1500		64.6	69.6	74.3	78.9	79.2	82.0	82.4	82.6	84.6	85.6	86.2	86.8	88.1	89.1	90.5
≥ 1200		65.4	70.8	75.7	80.6	81.0	84.0	84.4	84.6	86.6	87.6	88.2	88.9	89.7	91.1	92.5
≥ 1000		65.4	70.8	75.7	80.6	81.0	84.0	84.4	84.6	86.6	87.6	88.2	88.9	89.7	91.1	92.5
≥ 900		65.4	70.8	75.7	80.6	81.0	84.0	84.4	84.6	86.6	87.6	88.2	88.9	89.7	91.1	92.5
≥ 800		65.6	71.1	76.3	81.2	81.6	84.6	85.0	85.2	87.2	88.1	88.7	90.1	90.9	92.3	93.7
≥ 700		65.6	71.1	76.3	81.2	81.6	84.8	85.2	85.4	87.4	88.3	88.9	90.3	91.1	92.5	93.9
≥ 600		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.1	90.5	91.1	92.5	93.3	94.5	95.8
≥ 500		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.3	91.1	91.9	92.7	94.1	95.1	96.5
≥ 400		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.7	91.3	92.1	92.9	94.5	95.5	97.0
≥ 300		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.7	91.7	92.5	93.3	94.9	95.8	98.4
≥ 200		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.7	91.9	92.7	93.5	95.1	96.4	99.6
≥ 100		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.7	91.9	92.7	93.5	95.1	96.6	100.0
0		65.6	71.1	76.3	81.2	81.6	84.8	86.2	87.0	89.7	91.9	92.7	93.5	95.1	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 506

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		41,3	42,4	44,5	45,6	46,6	47,0	47,0	47,0	47,0	47,0	47.0	47,2	47,2	47.2	47.3
≥ 20000		47,2	48,7	51,1	52,3	53,2	53,6	53,6	53,6	53,6	53,6	53,6	53,8	53,8	53,8	54,0
≥ 18000		47,2	48,7	51,1	52,3	53,2	53,6	53,6	53,6	53,6	53,6	53,6	53,8	53,8	53,8	54,0
≥ 16000		47,2	48,7	51,1	52,3	53,2	53,6	53,6	53,6	53,6	53,6	53,6	53,8	53,8	53,8	54,0
≥ 14000		47,2	48,7	51,1	52,3	53,2	53,6	53,6	53,6	53,6	53,6	53,6	53,8	53,8	53,8	54,0
≥ 12000		47,2	48,7	51,1	52,3	53,2	53,6	53,6	53,6	53,6	53,6	53,6	53,8	53,8	53,8	54,0
≥ 10000		48,9	50,4	52,8	54,0	54,9	55,3	55,3	55,3	55,3	55,3	55,3	55,5	55,5	55,5	55,7
≥ 9000		49,4	50,9	53,4	54,5	55,5	55,9	55,9	55,9	55,9	55,9	55,9	56,1	56,1	56,1	56,3
≥ 8000		52,5	54,7	57,4	58,7	59,7	60,0	60,0	60,0	60,0	60,0	60,0	60,2	60,2	60,2	60,4
≥ 7000		54,9	57,2	59,8	61,2	62,1	62,5	62,5	62,5	62,5	62,5	62,5	62,7	62,7	62,7	62,9
≥ 6000		56,8	59,3	62,3	64,0	65,0	65,3	65,3	65,3	65,3	65,3	65,3	65,5	65,5	65,5	65,7
≥ 5000		58,3	60,8	63,8	65,5	66,5	66,9	66,9	66,9	66,9	66,9	66,9	67,0	67,0	67,0	67,2
≥ 4500		60,0	62,9	65,9	67,6	68,6	68,9	68,9	68,9	68,9	68,9	68,9	69,1	69,1	69,1	69,3
≥ 4000		62,9	66,3	69,3	71,2	72,2	72,5	72,5	72,5	72,5	72,5	72,5	72,7	72,7	72,7	72,9
≥ 3500		66,3	69,9	73,1	75,2	76,1	76,5	76,5	76,5	76,5	76,5	76,5	76,7	76,7	76,7	76,9
≥ 3000		69,7	73,9	77,3	79,9	80,9	81,3	81,4	81,4	81,4	81,4	81,4	81,6	81,6	81,6	81,8
≥ 2500		71,8	76,1	79,5	82,3	83,1	83,7	84,3	84,5	84,5	84,5	84,5	84,7	84,7	84,7	84,8
≥ 2000		72,9	77,3	81,3	84,1	85,0	86,0	86,6	86,7	86,7	86,7	86,7	86,9	86,9	86,9	87,1
≥ 1800		73,3	77,7	81,6	84,7	85,6	86,6	87,1	87,3	87,3	87,3	87,3	87,5	87,5	87,5	87,7
≥ 1500		74,4	78,8	82,7	86,7	87,7	88,8	89,4	89,6	89,6	89,6	89,6	89,8	89,8	89,8	90,0
≥ 1200		74,6	78,8	84,1	87,7	88,6	90,2	91,1	91,3	91,5	91,5	91,5	91,7	91,7	91,7	91,9
≥ 1000		74,6	79,2	84,5	88,1	89,4	91,3	92,0	92,4	92,6	92,6	92,6	92,8	92,8	92,8	93,0
≥ 900		74,8	79,4	84,7	88,3	89,6	91,5	92,2	92,8	93,0	93,0	93,0	93,2	93,2	93,2	93,4
≥ 800		74,8	79,4	84,8	88,4	89,8	91,7	92,6	93,2	93,4	93,4	93,4	93,6	93,6	93,6	93,8
≥ 700		75,0	79,5	85,0	88,6	90,0	92,2	93,2	93,9	95,1	95,1	95,1	95,3	95,3	95,3	95,5
≥ 600		75,0	79,5	85,0	88,6	90,0	92,2	93,6	94,3	95,6	95,6	95,6	95,8	95,8	95,8	96,0
≥ 500		75,0	79,5	85,0	88,6	90,0	92,0	94,1	95,5	96,8	97,2	97,2	97,5	97,5	97,5	97,7
≥ 400		75,0	79,5	85,0	88,6	90,0	92,4	94,3	96,2	97,9	98,5	98,5	99,1	99,1	99,1	99,2
≥ 300		75,0	79,5	85,0	88,6	90,0	92,4	94,3	96,2	98,3	99,1	99,1	99,6	99,6	99,6	99,8
≥ 200		75,0	79,5	85,0	88,6	90,0	92,4	94,3	96,2	98,3	99,1	99,1	99,6	99,6	99,6	100,0
≥ 100		75,0	79,5	85,0	88,6	90,0	92,4	94,3	96,2	98,3	99,1	99,1	99,6	99,6	99,6	100,0
0		75,0	79,5	85,0	88,6	90,0	92,4	94,3	96,2	98,3	99,1	99,1	99,6	99,6	99,6	100,0

TOTAL NUMBER OF OBSERVATIONS 528

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAB TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 (MONTHS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥3/8	≥¼	≥0
NO CEILING		39.3	40.8	43.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000		46.0	47.5	50.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000		46.0	47.5	50.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000		46.0	47.5	50.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000		46.0	47.5	50.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000		46.4	47.9	50.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000		49.3	50.9	53.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000		50.7	52.3	54.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000		53.1	54.6	57.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000		56.2	58.0	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000		57.6	59.6	62.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000		60.9	62.9	65.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500		63.5	65.5	68.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000		66.5	68.4	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
≥ 3500		70.0	72.0	75.1	76.5	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000		76.5	78.7	81.9	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500		79.5	81.9	85.0	86.8	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000		81.7	84.0	87.6	89.9	90.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800		81.7	84.0	87.8	90.3	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500		81.9	84.2	88.2	91.1	91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		82.2	84.8	88.8	91.9	92.3	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000		82.4	85.0	89.2	92.9	93.3	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900		82.4	85.0	89.9	94.1	94.1	95.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800		82.4	85.0	89.9	94.1	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700		82.4	85.0	90.1	94.7	96.4	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		82.4	85.0	90.1	94.7	96.4	97.6	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 500		82.6	85.0	90.1	94.7	96.4	97.6	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2
≥ 400		82.4	85.0	90.1	94.7	96.4	97.6	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 300		82.4	85.0	90.1	94.7	96.4	97.6	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0
≥ 200		82.4	85.0	90.1	94.7	96.4	97.6	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0
≥ 100		82.4	85.0	90.1	94.7	96.4	97.6	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0
≥ 0		82.4	85.0	90.1	94.7	96.4	97.6	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1

34117	BAD TOLZ GERMANY AAF	64,66-70	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	≥ 5/8	≥ ½	≥ 5/16	> ¼	≥ 0
NO CEILING		37,4	38,9	41,9	42,9	42,9	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
≥ 20000		45,5	47,0	50,0	51,1	51,1	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3
≥ 18000		45,5	47,0	50,0	51,1	51,1	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3
≥ 16000		45,5	47,0	50,0	51,1	51,1	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3
≥ 14000		45,5	47,0	50,0	51,1	51,1	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3	51,3
≥ 12000		46,4	47,9	50,9	51,9	51,9	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1
≥ 10000		50,4	51,9	54,9	56,0	56,0	56,2	56,	56,2	56,2	56,2	56,2	56,2	56,2	56,2	56,2
≥ 9000		51,7	53,2	56,2	57,3	57,3	57,5	57,5	57,5	57,5	57,5	57,5	57,5	57,5	57,5	57,5
≥ 8000		54,7	56,2	59,2	60,7	60,7	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9
≥ 7000		57,9	59,4	62,4	63,9	63,9	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3
≥ 6000		59,6	61,1	64,1	65,6	65,6	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0	66,0
≥ 5000		62,4	63,9	66,9	68,4	68,4	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8
≥ 4500		64,3	65,8	69,2	70,7	70,7	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2
≥ 4000		67,1	68,6	72,0	73,5	73,5	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9
≥ 3500		70,5	72,2	75,9	77,4	77,4	77,8	77,8	77,8	77,8	77,8	77,8	77,8	77,8	77,8	77,8
≥ 3000		73,0	74,4	78,2	79,7	79,7	80,1	80,1	80,1	80,1	80,1	80,1	80,1	80,1	80,1	80,1
≥ 2500		79,3	80,9	84,9	86,4	86,4	86,8	86,8	86,8	86,8	86,8	86,8	86,8	86,8	86,8	86,8
≥ 2000		80,3	82,2	86,4	88,1	88,1	88,5	88,5	88,5	88,5	88,5	88,5	88,5	88,5	88,5	88,5
≥ 1800		80,6	82,4	86,7	88,4	88,4	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8
≥ 1500		80,6	82,4	86,7	88,4	88,4	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8	88,8
≥ 1200		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 1000		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 900		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 800		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 700		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 600		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 500		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 400		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 300		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 200		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 100		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3
≥ 0		81,0	82,9	87,2	88,9	88,9	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3	89,3

TOTAL NUMBER OF OBSERVATIONS 468

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-70 (YEARS) SEP (MONTH)

1800-2000 (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	≥ 5/8	≥ ½	> 5/16	≥ ¼	≥ 0
NO CEILING		38.1	40.7	42.3	44.1	44.6	44.6	45.1	45.1	45.6	45.6	45.6	45.6	45.6	45.6	46.1
≥ 20000		43.6	46.6	48.5	50.3	50.8	50.8	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.3
≥ 18000		43.6	46.6	48.5	50.3	50.8	50.8	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.3
≥ 16000		43.6	46.6	48.5	50.3	50.8	50.8	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.3
≥ 14000		43.6	46.6	48.5	50.3	50.8	50.8	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.3
≥ 12000		44.3	47.4	49.2	51.0	51.5	51.5	52.1	52.1	52.6	52.6	52.6	52.6	52.6	52.6	53.1
≥ 10000		47.7	50.8	52.6	54.4	54.9	54.9	55.4	55.4	55.9	55.9	55.9	55.9	55.9	55.9	56.4
≥ 9000		48.7	52.1	53.9	55.7	56.2	56.2	56.7	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.7
≥ 8000		50.3	53.6	55.4	57.2	57.7	57.7	58.2	58.2	58.8	58.8	58.8	58.8	58.8	58.8	59.3
≥ 7000		53.4	57.2	59.0	60.8	61.3	61.3	61.9	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.9
≥ 6000		54.6	58.5	60.3	62.1	62.6	62.6	63.1	63.1	63.7	63.7	63.7	63.7	63.7	63.7	64.2
≥ 5000		56.4	61.2	63.1	64.9	65.5	65.5	66.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	67.0
≥ 4500		59.5	64.2	66.2	68.0	68.6	68.6	69.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	70.1
≥ 4000		61.6	67.0	69.1	70.9	71.4	71.4	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.9
≥ 3500		65.7	71.6	74.5	76.3	76.8	77.1	77.6	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.9
≥ 3000		70.1	76.8	80.2	82.0	82.5	82.7	83.2	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.8
≥ 2500		73.2	79.9	83.2	85.6	86.1	86.3	86.9	87.1	87.9	87.9	87.9	87.9	87.9	87.9	88.4
≥ 2000		75.5	80.2	83.8	86.9	87.4	88.4	89.2	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.7
≥ 1800		76.0	80.7	84.3	87.4	87.9	88.9	89.7	89.9	90.7	90.7	90.7	90.7	90.7	90.7	91.2
≥ 1500		74.2	80.9	85.3	88.7	89.2	91.5	92.3	92.5	93.6	93.6	93.6	93.6	93.6	93.6	94.1
≥ 1200		74.2	81.7	86.3	90.2	90.7	92.6	93.5	93.8	95.0	95.0	95.0	95.0	95.0	95.0	96.1
≥ 1000		74.2	81.7	86.3	90.2	90.7	94.1	94.8	95.1	96.4	96.4	96.4	96.6	96.6	96.6	97.2
≥ 900		74.2	81.7	86.3	90.7	91.2	94.6	95.4	95.6	96.9	96.9	97.2	97.2	97.2	97.2	97.7
≥ 800		74.2	81.7	86.3	90.7	91.2	94.8	95.6	95.9	97.2	97.2	97.4	97.4	97.4	97.4	97.9
≥ 700		74.2	81.7	86.3	90.7	91.2	94.8	95.6	95.9	97.2	97.2	97.4	97.4	97.4	97.4	97.9
≥ 600		74.2	81.7	86.3	91.0	91.5	95.1	95.9	96.1	97.4	97.4	97.7	97.7	97.7	97.7	98.2
≥ 500		74.2	81.7	86.3	91.0	91.5	95.1	95.9	96.1	97.4	97.4	97.7	98.2	98.2	98.2	98.7
≥ 400		74.2	81.7	86.3	91.0	91.5	95.1	96.1	96.4	97.9	97.9	98.2	99.0	99.2	99.2	99.7
≥ 300		74.2	81.7	86.3	91.0	91.5	95.1	96.1	96.4	98.2	98.2	98.5	99.2	99.5	99.5	100.0
≥ 200		74.2	81.7	86.3	91.0	91.5	95.1	96.1	96.4	98.2	98.2	98.5	99.2	99.5	99.5	100.0
≥ 100		74.2	81.7	86.3	91.0	91.5	95.1	96.1	96.4	98.2	98.2	98.5	99.2	99.5	99.5	100.0
≥ 0		74.2	81.7	86.3	91.0	91.5	95.1	96.1	96.4	98.2	98.2	98.5	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

24197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 66-67,69 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING		30,2	33,3	37,9	51,5	53,0	54,5	57,6	57,6	59,1	59,1	59,1	59,1	59,1	59,1	60,6
≥ 20000		31,8	37,9	49,9	57,6	59,1	60,6	63,6	63,6	65,2	65,2	65,2	65,2	65,2	65,2	66,7
≥ 18000		31,8	37,9	49,9	57,6	59,1	60,6	63,6	63,6	65,2	65,2	65,2	65,2	65,2	65,2	66,7
≥ 16000		31,8	37,9	49,9	57,6	59,1	60,6	63,6	63,6	65,2	65,2	65,2	65,2	65,2	65,2	66,7
≥ 14000		31,8	37,9	49,9	57,6	59,1	60,6	63,6	63,6	65,2	65,2	65,2	65,2	65,2	65,2	66,7
≥ 12000		31,8	37,9	49,9	57,6	59,1	60,6	63,6	63,6	65,2	65,2	65,2	65,2	65,2	65,2	66,7
≥ 10000		31,8	39,4	45,5	59,1	60,6	62,1	65,2	65,2	66,7	66,7	66,7	66,7	66,7	66,7	68,2
≥ 9000		31,8	39,4	45,5	59,1	60,6	62,1	65,2	65,2	66,7	66,7	66,7	66,7	66,7	66,7	68,2
≥ 8000		33,3	40,9	47,0	60,6	62,1	63,6	66,7	66,7	68,2	68,2	68,2	68,2	68,2	68,2	69,7
≥ 7000		37,9	47,0	53,0	66,7	68,2	69,7	72,7	72,7	74,2	74,2	74,2	74,2	74,2	74,2	75,8
≥ 6000		37,9	47,0	53,0	66,7	68,2	69,7	72,7	72,7	74,2	74,2	74,2	74,2	74,2	74,2	75,8
≥ 5000		37,9	47,0	53,0	66,7	68,2	69,7	72,7	72,7	74,2	74,2	74,2	74,2	74,2	74,2	75,8
≥ 4500		37,9	47,0	53,0	66,7	68,2	69,7	72,7	72,7	74,2	74,2	74,2	74,2	74,2	74,2	75,8
≥ 4000		37,9	47,0	53,0	66,7	68,2	69,7	72,7	72,7	74,2	74,2	74,2	74,2	74,2	74,2	75,8
≥ 3500		37,9	47,0	53,0	66,7	68,2	69,7	72,7	72,7	74,2	74,2	74,2	74,2	74,2	74,2	75,8
≥ 3000		40,9	50,0	57,6	72,7	74,2	75,8	78,8	78,8	80,3	80,3	80,3	80,3	80,3	80,3	81,8
≥ 2500		42,4	53,0	63,6	80,3	81,8	83,3	86,4	86,4	87,9	87,9	87,9	87,9	87,9	87,9	89,4
≥ 2000		42,4	53,0	63,6	80,3	81,8	83,3	86,4	86,4	87,9	87,9	87,9	87,9	87,9	87,9	89,4
≥ 1800		43,9	54,5	65,2	81,8	83,3	84,8	87,9	87,9	89,4	89,4	89,4	89,4	89,4	89,4	90,9
≥ 1500		48,5	59,1	69,7	86,4	87,9	89,4	92,4	92,4	93,9	93,9	93,9	93,9	93,9	93,9	95,5
≥ 1200		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 1000		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 900		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 800		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 700		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 600		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 500		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 400		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 300		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 200		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 100		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0
≥ 0		48,5	59,1	69,7	86,4	87,9	90,9	97,0	97,0	98,5	98,5	98,5	98,5	98,5	98,5	100,0

TOTAL NUMBER OF OBSERVATIONS 66

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | CT 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< 0
NO CEILING ≥ 20000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 20000 ≥ 18000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 18000 ≥ 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 16000 ≥ 14000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 14000 ≥ 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 12000 ≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 10000 ≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 9000 ≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 8000 ≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 7000 ≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 6000 ≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 5000 ≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 4500 ≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 4000 ≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 3500 ≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 3000 ≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 2500 ≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 2000 ≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1800 ≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1500 ≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1000 ≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 900 ≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 800 ≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 700 ≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 600 ≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 ≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | OCT 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		42.4	46.2	48.7	49.2	49.2	49.6	51.3	51.3	52.1	52.1	52.5	53.4	56.3	57.1	58.4
≥ 20000		43.7	47.5	50.0	50.4	50.4	50.8	52.5	52.5	53.4	53.4	53.8	54.6	57.6	58.8	60.1
≥ 18000		43.7	47.5	50.0	50.4	50.4	50.8	52.5	52.5	53.4	53.4	53.8	54.6	57.6	58.8	60.1
≥ 16000		43.7	47.5	50.0	50.4	50.4	50.8	52.5	52.5	53.4	53.4	53.8	54.6	57.6	58.8	60.1
≥ 14000		43.7	47.5	50.0	50.4	50.4	50.8	52.5	52.5	53.4	53.4	53.8	54.6	57.6	58.8	60.1
≥ 12000		45.0	48.7	51.3	51.7	51.7	52.1	53.8	53.8	54.6	54.6	55.0	55.9	58.8	60.1	61.3
≥ 10000		46.6	50.4	52.9	53.4	53.4	53.8	55.5	55.5	56.3	56.3	56.7	57.6	60.5	61.8	63.0
≥ 9000		47.1	50.8	53.4	53.8	53.8	54.2	55.9	55.9	56.7	56.7	57.1	58.0	60.9	62.2	63.4
≥ 8000		48.7	52.5	55.0	55.5	55.9	55.9	57.6	57.6	58.4	58.4	58.8	59.7	62.6	63.9	65.1
≥ 7000		50.0	53.8	56.3	56.7	56.7	57.1	58.8	58.8	59.7	59.7	60.1	60.9	63.9	65.1	66.4
≥ 6000		50.8	54.6	57.1	57.6	57.6	58.0	59.7	59.7	60.5	60.5	60.9	61.8	64.7	66.0	67.2
≥ 5000		53.8	58.0	60.5	60.9	60.9	61.3	63.0	63.0	63.9	63.9	64.3	65.1	68.1	69.3	70.6
≥ 4500		55.9	60.5	63.0	63.4	63.4	63.9	65.5	65.5	66.4	66.4	66.8	67.6	70.6	71.8	73.1
≥ 4000		57.1	61.8	64.3	64.7	64.7	65.1	66.8	66.8	67.6	67.6	68.1	68.9	71.8	73.1	74.4
≥ 3500		59.7	64.3	67.2	67.6	67.6	68.1	69.7	69.7	70.6	70.6	71.0	71.8	74.8	76.1	77.3
≥ 3000		61.8	66.8	69.7	70.2	70.2	70.6	72.3	72.3	73.1	73.1	73.5	74.4	77.3	78.6	79.8
≥ 2500		62.6	68.5	71.8	72.3	72.3	73.1	74.8	74.8	75.6	75.6	76.1	76.9	79.8	81.1	82.4
≥ 2000		64.3	70.2	73.9	74.4	74.4	75.2	77.3	77.3	78.2	78.2	78.6	79.4	82.4	83.6	84.9
≥ 1800		65.1	71.0	74.8	75.2	75.2	76.1	78.2	78.2	79.0	79.0	79.4	80.3	83.2	84.5	86.1
≥ 1500		66.0	71.8	75.6	76.5	76.9	77.7	79.8	79.8	80.7	80.7	81.1	81.9	84.9	86.1	87.8
≥ 1200		66.0	71.8	76.5	78.2	78.6	79.4	81.9	81.9	82.8	82.8	82.8	83.6	86.6	87.8	89.5
≥ 1000		66.8	72.7	77.3	79.0	79.4	80.7	82.8	82.8	83.6	83.6	84.0	84.9	87.8	89.1	90.8
≥ 900		66.8	72.7	78.2	79.8	80.7	81.9	84.0	84.0	84.9	84.9	85.3	86.1	89.1	90.3	92.0
≥ 800		66.8	72.7	78.2	79.8	80.7	81.9	84.0	84.0	84.9	84.9	85.3	86.1	89.1	90.3	92.0
≥ 700		66.8	72.7	78.2	79.8	80.7	81.9	84.0	84.0	84.9	84.9	85.3	86.1	89.1	90.3	92.0
≥ 600		66.8	72.7	78.2	79.8	80.7	81.9	84.0	84.0	84.9	84.9	85.3	86.1	89.1	90.3	92.0
≥ 500		66.8	72.7	79.0	80.7	81.9	83.2	85.3	85.3	86.1	86.1	86.5	87.4	92.0	93.3	95.0
≥ 400		66.8	72.7	79.0	80.7	81.9	83.2	85.3	85.3	87.0	87.0	88.2	89.5	93.7	95.0	96.6
≥ 300		66.8	72.7	79.0	80.7	81.9	83.2	85.3	85.3	87.0	87.0	88.2	89.5	94.5	95.8	97.5
≥ 200		66.8	72.7	79.0	80.7	81.9	83.2	85.3	85.3	87.4	87.4	88.7	89.9	95.0	96.2	98.7
≥ 100		66.8	72.7	79.0	80.7	81.9	83.2	85.3	85.3	87.4	87.4	88.7	89.9	95.4	96.6	99.2
0		66.8	72.7	79.0	80.7	81.9	83.2	85.3	85.3	87.4	87.4	88.7	89.9	95.4	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 238

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | CT 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		36.8	38.1	39.5	40.4	40.4	41.0	41.5	41.9	42.6	43.5	43.7	44.4	45.7	45.8	47.1
≥ 20000		39.5	40.8	42.6	43.5	43.5	44.0	44.6	44.9	45.7	46.6	46.8	47.7	48.9	49.1	50.4
≥ 18000		39.5	40.8	42.6	43.5	43.5	44.0	44.6	44.9	45.7	46.6	46.8	47.7	48.9	49.1	50.4
≥ 16000		39.5	40.8	42.6	43.5	43.5	44.0	44.6	44.9	45.7	46.6	46.8	47.7	48.9	49.1	50.4
≥ 14000		39.7	41.0	42.8	43.7	43.7	44.2	44.8	45.1	45.8	46.8	46.9	47.8	49.1	49.3	50.5
≥ 12000		40.3	41.5	43.3	44.2	44.2	44.8	45.3	45.7	46.4	47.3	47.5	48.4	49.6	49.8	51.1
≥ 10000		42.2	43.5	45.3	46.2	46.2	46.8	47.3	47.7	48.4	49.3	49.5	50.4	51.6	51.8	53.1
≥ 9000		43.3	44.6	46.4	47.3	47.3	47.8	48.4	48.7	49.6	50.5	50.7	51.6	52.9	53.1	54.3
≥ 8000		44.8	46.2	48.0	48.9	48.9	49.5	50.0	50.4	51.3	52.2	52.3	53.2	54.5	54.7	56.0
≥ 7000		46.2	47.7	49.5	50.4	50.4	50.9	51.4	51.8	52.7	53.6	54.0	54.9	56.3	56.5	57.8
≥ 6000		46.6	48.0	49.8	50.7	50.7	51.3	51.8	52.2	53.1	54.0	54.3	55.2	56.7	56.9	58.1
≥ 5000		50.7	52.3	54.2	55.2	55.2	55.8	56.3	56.7	57.6	58.5	58.8	59.7	61.2	61.4	62.6
≥ 4500		52.7	54.3	56.1	57.2	57.2	57.8	58.3	58.7	59.6	60.5	60.8	61.7	63.2	63.4	64.6
≥ 4000		54.3	56.1	57.9	59.0	59.0	59.6	60.1	60.5	61.6	62.5	62.8	63.7	65.2	65.3	66.8
≥ 3500		55.2	57.0	58.8	59.9	59.9	60.6	61.2	61.6	62.6	63.5	63.9	64.8	66.2	66.4	67.9
≥ 3000		58.3	60.6	63.0	64.1	64.3	65.0	65.5	65.9	67.0	67.9	68.2	69.1	70.6	70.8	72.2
≥ 2500		60.8	63.2	65.7	67.0	67.1	67.9	68.6	68.8	69.9	70.8	71.1	72.0	73.5	73.6	75.1
≥ 2000		61.4	63.7	67.0	68.2	68.4	69.1	69.9	70.2	71.3	72.2	72.6	73.5	74.9	75.1	76.5
≥ 1800		61.9	64.6	68.2	69.7	69.9	70.6	71.5	71.8	72.9	73.8	74.2	75.1	76.5	76.7	78.2
≥ 1500		63.2	66.2	70.4	72.0	72.4	73.3	74.2	74.8	75.6	76.5	76.9	77.8	79.2	79.4	80.9
≥ 1200		64.1	67.1	71.5	73.3	73.6	74.7	75.6	76.2	77.4	78.3	78.7	79.6	81.0	81.2	82.7
≥ 1000		64.4	67.7	72.4	74.7	75.6	76.7	78.2	79.1	80.3	81.2	81.6	82.5	83.9	84.1	85.6
≥ 900		64.6	67.9	72.6	74.9	75.8	76.9	78.3	79.2	80.7	81.6	81.9	82.9	84.3	84.5	85.9
≥ 800		64.6	67.9	72.6	74.9	76.0	77.1	78.7	79.8	81.4	82.3	82.7	83.6	85.0	85.2	86.6
≥ 700		64.6	67.9	73.5	76.2	77.3	78.9	80.9	82.5	84.3	85.4	85.7	86.6	88.1	88.3	89.7
≥ 600		64.6	67.9	73.5	76.2	77.4	79.1	81.8	83.4	86.1	87.2	87.5	88.4	89.9	90.1	91.5
≥ 500		64.6	67.9	73.6	76.4	77.6	79.4	82.3	83.9	87.4	88.6	89.2	90.1	92.1	92.2	93.7
≥ 400		64.6	67.9	73.6	76.4	77.6	79.4	82.3	83.9	87.7	89.3	90.1	91.3	93.7	93.9	95.8
≥ 300		64.6	67.9	73.6	76.4	77.6	79.4	82.3	83.9	87.7	89.3	90.3	91.5	94.6	94.9	97.5
≥ 200		64.6	67.9	73.6	76.4	77.6	79.4	82.3	83.9	87.7	89.3	90.3	91.5	94.6	94.9	99.1
≥ 100		64.6	67.9	73.6	76.4	77.6	79.4	82.3	83.9	87.7	89.3	90.3	91.5	94.6	95.1	99.6
0		64.6	67.9	73.6	76.4	77.6	79.4	82.3	83.9	87.7	89.3	90.3	91.5	94.6	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 554

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ 4	≥ 0
NO CEILING		42.7	43.9	45.6	46.1	47.1	47.1	47.1	47.1	47.4	47.9	48.1	48.4	48.4	48.4	48.6
≥ 20000		47.9	49.1	50.8	51.3	52.3	52.4	52.4	52.4	52.8	53.3	53.4	53.8	53.8	53.8	53.9
IV V 18000		47.9	49.1	50.8	51.3	52.3	52.4	52.4	52.4	52.8	53.3	53.4	53.8	53.8	53.8	53.9
IV V 16000		47.9	49.1	50.8	51.3	52.3	52.4	52.4	52.4	52.8	53.3	53.4	53.8	53.8	53.8	53.9
IV V 14000		48.1	49.2	50.9	51.4	52.4	52.6	52.6	52.6	52.9	53.4	53.6	53.9	53.9	53.9	54.1
IV V 12000		48.2	49.4	51.1	51.6	52.6	52.8	52.8	52.8	53.1	53.6	53.8	54.1	54.1	54.1	54.3
IV V 10000		49.9	51.1	52.8	53.3	54.3	54.4	54.4	54.4	54.8	55.3	55.4	55.8	55.8	55.8	55.9
IV V 9000		50.8	51.9	53.6	54.1	55.1	55.3	55.3	55.3	55.6	56.1	56.3	56.6	56.6	56.6	56.8
IV V 8000		52.9	54.3	55.9	56.4	57.5	57.6	57.6	57.6	58.0	58.5	58.6	59.0	59.0	59.0	59.1
IV V 7000		55.4	56.8	58.5	59.0	60.0	60.1	60.1	60.1	60.5	61.0	61.1	61.5	61.5	61.5	61.6
IV V 6000		56.4	57.8	59.5	60.0	61.0	61.1	61.1	61.1	61.5	62.0	62.1	62.5	62.5	62.5	62.6
IV V 5000		59.5	60.8	63.0	63.8	64.8	65.0	65.0	65.0	65.3	65.8	66.0	66.3	66.3	66.3	66.5
IV V 4500		60.5	61.8	64.0	64.8	65.8	66.0	66.0	66.0	66.3	66.8	67.0	67.3	67.3	67.3	67.5
IV V 4000		62.5	64.0	66.2	67.2	68.2	68.3	68.3	68.3	68.7	69.2	69.3	69.7	69.7	69.7	69.8
IV V 3500		63.7	65.2	67.3	68.3	69.3	69.5	69.5	69.5	69.8	70.4	70.5	70.9	70.9	70.9	71.0
IV V 3000		65.3	67.0	69.5	70.7	71.9	72.2	72.2	72.2	72.5	73.0	73.2	73.5	73.5	73.5	73.7
IV V 2500		67.7	69.5	72.2	73.4	74.5	74.9	74.9	74.9	75.2	75.7	75.9	76.2	76.2	76.2	76.4
IV V 2000		68.3	70.5	73.5	74.7	75.9	76.2	76.2	76.2	76.5	77.1	77.2	77.6	77.6	77.6	77.7
IV V 1800		68.7	70.9	74.2	75.4	76.5	76.9	76.9	76.9	77.2	77.7	77.9	78.2	78.2	78.2	78.4
IV V 1500		69.7	72.0	73.5	76.7	78.1	78.4	78.4	78.4	78.7	79.2	79.4	79.7	79.7	79.7	79.9
IV V 1200		70.7	73.7	77.2	78.6	79.9	80.4	81.1	81.1	81.6	81.9	82.1	82.4	82.4	82.4	82.6
IV V 1000		71.0	74.0	78.4	79.9	81.7	82.9	84.4	84.4	84.9	85.4	85.6	85.9	85.9	85.9	86.1
IV V 900		71.0	74.4	79.1	80.9	82.9	84.1	85.6	85.6	86.3	86.8	86.9	87.3	87.3	87.3	87.4
IV V 800		71.0	74.4	79.1	80.9	83.1	84.4	86.3	86.6	87.3	87.8	87.9	88.3	88.3	88.3	88.4
IV V 700		71.0	74.4	79.2	81.1	83.2	84.6	87.3	87.8	88.1	88.6	88.9	90.3	90.3	90.3	90.5
IV V 600		71.0	74.4	79.5	81.6	83.9	85.3	89.1	89.6	92.0	92.6	93.0	93.3	93.3	93.3	93.5
IV V 500		71.0	74.4	79.7	81.9	84.3	85.8	90.1	90.6	95.0	95.1	95.6	96.0	96.1	96.1	96.3
IV V 400		71.0	74.4	79.7	81.9	84.3	85.8	90.3	90.8	94.8	96.6	97.2	98.0	98.5	98.5	98.8
IV V 300		71.0	74.4	79.7	81.9	84.3	85.8	90.3	90.8	95.0	97.2	97.8	98.7	99.2	99.2	99.7
IV V 200		71.0	74.4	79.7	81.9	84.3	85.8	90.3	90.8	95.0	97.2	97.8	98.7	99.3	99.3	100.0
IV V 100		71.0	74.4	79.7	81.9	84.3	85.8	90.3	90.8	95.0	97.2	97.8	98.7	99.3	99.3	100.0
IV V 0		71.0	74.4	79.7	81.9	84.3	85.8	90.3	90.8	95.0	97.2	97.8	98.7	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 597

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING		49.7	50.9	52.5	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000		53.8	55.0	56.9	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000		53.8	55.0	56.9	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000		53.8	55.0	56.9	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000		53.8	55.0	56.9	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000		54.2	55.4	57.2	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000		56.0	57.2	59.1	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000		56.4	57.6	59.5	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000		58.1	59.3	61.2	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000		59.6	60.8	62.7	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000		60.1	61.3	63.2	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000		62.9	64.2	66.6	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500		63.7	65.1	67.5	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000		66.6	68.0	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500		68.3	69.7	72.1	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000		69.7	71.2	74.1	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500		72.9	74.4	77.3	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000		75.0	76.5	79.4	80.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800		75.8	78.2	81.1	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500		77.5	80.2	83.3	84.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200		77.7	80.6	84.0	85.7	87.4	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000		78.0	80.9	84.8	87.1	89.3	89.8	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900		78.0	80.9	84.8	87.2	89.4	90.3	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800		78.0	80.9	84.8	87.4	89.9	90.8	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700		78.0	80.9	84.8	87.6	90.1	91.3	93.5	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600		78.0	80.9	84.8	87.6	90.1	91.5	94.0	95.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500		78.0	80.9	84.8	87.6	90.1	91.5	94.7	96.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400		78.0	80.9	84.8	87.6	90.1	91.5	94.7	96.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 300		78.0	80.9	84.8	87.6	90.1	91.5	94.7	96.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 200		78.0	80.9	84.8	87.6	90.1	91.5	94.7	96.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100		78.0	80.9	84.8	87.6	90.1	91.5	94.7	96.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 0		78.0	80.9	84.8	87.6	90.1	91.5	94.7	96.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 587

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) CT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM URLY OBSERVATIONS)

1200-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 7/16	≥ ¼	≥ 0
NO CEILING		45.3	46.6	48.3	48.7	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000		50.4	51.9	53.8	54.1	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000		50.8	52.2	54.1	54.5	54.9	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000		50.8	52.2	54.1	54.5	54.9	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000		50.8	52.2	54.1	54.5	54.9	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000		51.5	52.9	54.9	55.2	55.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000		53.1	54.5	56.4	56.8	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000		54.7	56.1	58.0	58.4	58.7	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000		58.0	59.4	61.4	61.7	62.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 7000		60.3	61.7	63.7	64.0	64.4	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000		61.0	62.4	64.4	64.7	65.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000		62.8	64.2	66.1	66.7	67.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500		64.6	66.0	67.9	68.4	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4000		67.4	68.8	70.7	71.3	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500		69.0	70.5	72.5	73.0	73.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000		72.8	74.4	76.7	77.4	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500		76.2	78.3	80.1	81.5	82.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000		77.4	79.5	82.0	82.9	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800		78.7	81.0	83.6	84.7	85.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500		80.1	82.5	85.2	86.4	87.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200		80.1	82.7	85.4	86.8	88.0	89.4	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000		80.1	82.9	85.7	87.5	89.6	91.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900		80.1	82.9	85.9	87.6	89.9	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800		80.1	82.9	85.9	88.0	90.1	91.7	92.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700		80.1	82.9	85.9	88.0	90.3	93.1	94.5	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600		80.1	82.9	85.9	88.0	90.3	93.1	94.9	95.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		80.2	83.1	86.1	88.2	90.5	93.3	95.2	95.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		80.2	83.1	86.1	88.2	90.5	93.3	95.2	95.9	99.3	99.5	99.5	99.6	99.8	99.8	99.8
≥ 300		80.2	83.1	86.1	88.2	90.5	93.3	95.2	95.9	99.3	99.6	99.6	99.8	100.0	100.0	100.0
≥ 200		80.2	83.1	86.1	88.2	90.5	93.3	95.2	95.9	99.3	99.6	99.6	99.8	100.0	100.0	100.0
≥ 100		80.2	83.1	86.1	88.2	90.5	93.3	95.2	95.9	99.3	99.6	99.6	99.8	100.0	100.0	100.0
0		80.2	83.1	86.1	88.2	90.5	93.3	95.2	95.9	99.3	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 567

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1[illegible]-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILE															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		53,8	55,6	57,4	57,7	57,9	58,7	59,7	60,0	60,5	60,5	60,5	60,5	60,5	60,5	60,8
≥ 20000		55,1	56,9	59,0	59,5	59,7	60,8	61,8	62,1	62,6	62,6	62,6	62,6	62,6	62,6	62,9
≥ 18000		55,8	57,7	59,7	60,3	60,5	61,6	62,6	62,9	63,4	63,4	63,4	63,4	63,4	63,4	63,6
≥ 16000		55,8	57,7	59,7	60,3	60,5	61,6	62,6	62,9	63,4	63,4	63,4	63,4	63,4	63,4	63,6
≥ 14000		56,1	57,9	60,0	60,5	60,8	61,8	62,9	63,1	63,6	63,6	63,6	63,6	63,6	63,6	63,9
≥ 12000		56,4	58,2	60,5	61,0	61,3	62,3	63,4	63,6	64,2	64,2	64,2	64,2	64,2	64,2	64,4
≥ 10000		57,4	59,2	61,0	62,1	62,3	63,4	64,4	64,7	65,2	65,2	65,2	65,2	65,2	65,2	65,5
≥ 9000		59,0	60,8	63,1	63,6	63,9	64,9	66,0	66,2	66,8	66,8	66,8	66,8	66,8	66,8	67,0
≥ 8000		61,6	63,4	65,7	66,2	66,5	67,5	68,6	68,8	69,4	69,4	69,4	69,4	69,4	69,4	69,6
≥ 7000		63,6	65,5	67,8	68,3	68,6	69,6	70,6	70,9	71,4	71,4	71,4	71,4	71,4	71,4	71,7
≥ 6000		63,6	65,7	68,1	68,6	68,8	69,9	70,9	71,2	71,7	71,7	71,7	71,7	71,7	71,7	71,9
≥ 5000		64,4	66,5	68,8	69,4	69,6	70,6	71,7	71,9	72,5	72,5	72,5	72,5	72,5	72,5	72,7
≥ 4500		67,0	69,1	71,4	71,9	72,2	73,2	74,3	74,5	75,1	75,1	75,1	75,1	75,1	75,1	75,3
≥ 4000		69,1	71,2	73,5	74,0	74,3	75,3	76,4	76,6	77,1	77,1	77,1	77,1	77,1	77,1	77,4
≥ 3500		72,2	74,5	76,9	77,4	77,7	79,0	80,0	80,3	80,8	80,8	80,8	80,8	80,8	80,8	81,0
≥ 3000		74,0	76,6	79,0	79,7	80,0	81,3	82,3	82,6	83,1	83,1	83,1	83,1	83,1	83,1	83,4
≥ 2500		76,4	79,2	81,8	82,6	82,9	84,2	85,2	85,5	86,0	86,0	86,0	86,0	86,0	86,0	86,2
≥ 2000		78,4	81,8	84,4	85,2	85,5	87,0	88,1	88,3	88,8	88,8	88,8	88,8	88,8	88,8	89,1
≥ 1800		79,2	82,6	85,3	86,3	86,8	88,3	89,4	89,6	90,1	90,1	90,1	90,1	90,1	90,1	90,4
≥ 1500		80,3	83,6	86,5	87,5	88,1	89,6	90,9	91,2	91,7	91,7	91,7	91,7	91,7	91,7	91,9
≥ 1200		80,3	84,2	87,0	88,1	88,6	90,1	91,4	91,9	92,7	92,7	92,7	92,7	92,7	92,7	93,0
≥ 1000		80,3	84,2	87,0	88,1	88,6	90,6	91,9	92,2	93,2	93,2	93,2	93,2	93,2	93,2	93,5
≥ 900		80,3	84,2	87,0	88,5	89,1	91,6	92,7	93,2	94,0	94,0	94,0	94,0	94,0	94,0	94,3
≥ 800		80,3	84,2	87,0	88,8	89,4	92,2	93,5	94,0	94,8	94,8	94,8	94,8	94,8	94,8	95,1
≥ 700		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,6	96,4	96,4	96,4	96,4	96,4	96,4	96,6
≥ 600		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,5	96,9	97,4	97,4	97,4	97,4	97,4	97,7
≥ 500		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,5	97,1	97,7	97,7	97,7	97,7	97,7	97,9
≥ 400		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,5	97,1	97,9	97,9	97,9	97,9	97,9	98,2
≥ 300		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,8	97,1	98,7	99,0	99,0	99,0	99,0	99,2
≥ 200		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,8	97,1	98,7	99,0	99,0	99,0	99,0	100,0
≥ 100		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,8	97,1	98,7	99,0	99,0	99,0	99,0	100,0
0		80,3	84,2	87,8	89,6	90,1	93,5	95,1	95,8	97,1	98,7	99,0	99,0	99,0	99,0	100,0

TOTAL NUMBER OF OBSERVATIONS 385

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

04197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 (V=23C) HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING ≥ 20000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 18000 ≥ 16000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 14000 ≥ 12000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 10000 ≥ 9000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 8000 ≥ 7000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 6000 ≥ 5000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 4500 ≥ 4000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 3500 ≥ 3000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 2500 ≥ 2000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 1800 ≥ 1500		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 1200 ≥ 1000		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 900 ≥ 800		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 700 ≥ 600		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 500 ≥ 400		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 300 ≥ 200		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
≥ 100 0		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
		100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | V MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

^300-0500^ HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		26.1	27.6	29.1	29.9	30.2	30.6	30.6	30.6	30.6	30.6	30.6	30.6	31.3	31.3	31.3
≥ 20000		29.1	30.6	32.1	32.8	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.3	34.3	34.3
≥ 18000		29.1	30.6	32.1	32.8	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.3	34.3	34.3
≥ 16000		29.1	30.6	32.1	32.8	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.3	34.3	34.3
≥ 14000		29.1	30.6	32.1	32.8	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.3	34.3	34.3
≥ 12000		29.1	30.6	32.1	32.8	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.3	34.3	34.3
≥ 10000		29.9	31.3	32.8	33.6	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.1	35.1	35.1
≥ 9000		30.6	32.1	33.6	34.3	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.8	35.8	35.8
≥ 8000		32.5	34.3	35.8	36.6	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	38.1	38.1	38.1
≥ 7000		32.2	35.1	36.6	37.3	37.7	38.1	38.1	38.1	38.1	38.4	38.4	38.4	39.2	39.2	39.2
≥ 6000		34.3	36.2	37.7	38.4	38.8	39.2	39.2	39.2	39.2	39.6	39.6	39.6	40.3	40.3	40.3
≥ 5000		39.4	40.7	42.2	43.7	44.0	44.4	44.4	44.4	44.4	44.8	44.8	44.8	45.5	45.5	45.5
≥ 4500		40.3	42.5	44.8	45.5	45.9	46.3	46.3	46.3	46.3	46.6	46.6	46.6	47.4	47.4	47.4
≥ 4000		42.5	45.5	48.1	48.9	49.2	49.6	49.6	49.6	49.6	50.0	50.0	50.0	50.7	50.7	50.7
≥ 3500		44.6	47.8	50.4	51.1	51.5	52.2	52.6	52.6	52.6	53.0	53.0	53.0	53.7	53.7	53.7
≥ 3000		46.3	50.0	53.0	53.7	54.1	54.9	55.2	55.2	55.2	55.6	55.6	55.6	56.3	56.3	56.3
≥ 2500		50.4	54.9	58.2	59.3	60.1	60.9	61.2	61.2	61.2	61.6	61.6	61.6	62.3	62.3	62.3
≥ 2000		51.1	56.3	60.8	61.9	62.7	63.4	63.8	63.8	63.8	64.2	64.2	64.2	64.9	64.9	64.9
≥ 1800		52.2	57.8	62.3	63.4	64.2	64.9	65.3	65.3	65.3	65.7	65.7	65.7	66.4	66.4	66.4
≥ 1700		52.6	58.6	63.1	64.2	64.9	65.7	66.0	66.0	66.0	66.4	66.4	66.4	67.1	67.1	67.1
≥ 1500		52.6	58.6	63.1	64.2	64.9	65.7	66.0	66.0	66.0	66.4	66.4	66.4	67.1	67.1	67.1
≥ 1200		52.6	59.7	64.2	65.3	65.7	66.4	66.8	66.8	66.8	67.1	67.1	67.1	67.9	67.9	67.9
≥ 1000		53.7	60.1	66.0	66.7	67.5	68.2	68.6	68.6	68.6	68.9	68.9	68.9	69.7	69.7	69.7
≥ 900		53.7	60.1	66.0	66.7	67.5	68.2	68.6	68.6	68.6	68.9	68.9	68.9	69.7	69.7	69.7
≥ 800		53.7	60.1	66.0	66.7	67.5	68.2	68.6	68.6	68.6	68.9	68.9	68.9	69.7	69.7	69.7
≥ 700		53.7	60.1	66.0	66.7	67.5	68.2	68.6	68.6	68.6	68.9	68.9	68.9	69.7	69.7	69.7
≥ 600		53.7	60.1	66.0	66.7	67.5	68.2	68.6	68.6	68.6	68.9	68.9	68.9	69.7	69.7	69.7
≥ 500		53.7	60.1	66.4	67.2	68.0	68.6	69.0	69.0	69.0	69.3	69.3	69.3	70.1	70.1	70.1
≥ 400		53.7	60.1	66.4	67.2	68.0	68.6	69.0	69.0	69.0	69.3	69.3	69.3	70.1	70.1	70.1
≥ 300		53.7	60.1	66.4	67.2	68.0	68.6	69.0	69.0	69.0	69.3	69.3	69.3	70.1	70.1	70.1
≥ 200		53.7	60.1	66.4	67.2	68.0	68.6	69.0	69.0	69.0	69.3	69.3	69.3	70.1	70.1	70.1
≥ 100		53.7	60.1	66.4	67.2	68.0	68.6	69.0	69.0	69.0	69.3	69.3	69.3	70.1	70.1	70.1
0		53.7	60.1	66.4	67.2	68.0	68.6	69.0	69.0	69.0	69.3	69.3	69.3	70.1	70.1	70.1

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		25.6	25.6	27.8	28.3	28.7	28.7	29.1	29.1	29.1	29.2	29.2	29.2	29.6	29.6	30.0
≥ 20000		28.3	28.3	30.5	31.0	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	32.3	32.3	32.9
≥ 18000		28.3	28.3	30.5	31.0	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	32.3	32.3	32.9
≥ 16000		28.3	28.3	30.5	31.0	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	32.3	32.3	32.9
≥ 14000		28.3	28.3	30.5	31.0	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	32.3	32.3	32.9
≥ 12000		28.7	28.7	30.9	31.4	31.8	31.8	32.1	32.1	32.1	32.3	32.3	32.3	32.7	32.7	33.2
≥ 10000		30.1	30.1	32.3	32.9	33.2	33.2	33.6	33.6	33.6	33.8	33.8	33.8	34.1	34.1	34.7
≥ 9000		30.7	30.7	32.9	33.4	33.8	33.8	34.1	34.1	34.1	34.3	34.3	34.3	34.7	34.7	35.2
≥ 8000		32.1	32.1	34.3	34.8	35.2	35.4	35.7	35.7	35.7	35.9	35.9	35.9	36.3	36.3	36.8
≥ 7000		34.7	34.7	36.8	37.4	37.7	37.9	38.3	38.3	38.6	38.8	38.8	38.8	39.2	39.2	39.7
≥ 6000		35.9	35.9	38.1	38.6	39.0	39.2	39.7	39.7	40.1	40.3	40.3	40.3	40.6	40.6	41.2
≥ 5000		41.0	41.2	43.9	44.4	44.8	44.9	45.3	45.5	45.8	46.0	46.0	46.0	46.4	46.4	46.9
≥ 4500		42.2	42.6	45.2	45.8	46.2	46.4	46.9	46.9	47.3	47.5	47.5	47.5	47.8	47.8	48.4
≥ 4000		45.3	45.7	48.4	48.9	49.5	50.0	50.9	51.1	51.5	51.6	51.6	51.6	52.0	52.0	52.5
≥ 3500		46.8	47.3	50.5	51.1	51.6	52.3	53.2	53.4	53.8	54.0	54.0	54.0	54.3	54.3	54.9
≥ 3000		49.5	50.2	53.4	54.0	54.7	55.6	56.5	56.7	57.0	57.2	57.2	57.2	57.6	57.6	58.1
≥ 2500		52.0	53.1	56.7	58.1	59.2	60.1	61.2	61.4	61.7	61.9	61.9	61.9	62.3	62.3	62.8
≥ 2000		54.0	55.1	58.8	60.3	61.4	62.5	63.7	63.9	64.3	64.4	64.4	64.4	64.8	64.8	65.3
≥ 1800		54.7	56.0	59.7	61.2	62.3	63.7	65.0	65.2	65.5	65.7	65.7	65.7	66.1	66.1	66.6
≥ 1500		56.9	58.7	62.5	64.6	66.1	67.9	69.3	69.5	70.0	70.2	70.2	70.2	70.6	70.6	71.1
≥ 1200		58.1	60.1	64.1	66.2	68.1	70.4	72.2	72.4	72.9	73.3	73.3	73.3	73.6	73.6	74.2
≥ 1000		58.1	60.1	64.8	67.3	69.1	71.9	73.3	73.8	74.7	75.3	75.3	75.5	75.8	75.8	76.4
≥ 900		58.1	60.1	64.8	67.5	69.5	72.0	73.8	74.4	75.3	76.2	76.4	76.5	77.1	77.1	77.5
≥ 800		58.1	60.1	64.8	67.7	69.7	72.2	74.4	74.9	76.2	77.1	77.4	77.8	78.3	78.3	78.9
≥ 700		[illegible]	60.1	64.8	68.1	70.0	73.5	76.4	77.3	78.9	80.7	81.0	81.6	82.3	82.3	82.9
≥ 600		58.3	60.3	65.3	68.8	70.8	74.5	77.6	78.5	80.3	82.7	83.4	84.1	84.8	84.8	85.4
≥ 500		58.3	60.3	65.3	68.8	70.8	74.9	78.7	80.1	82.5	85.4	86.1	87.4	88.3	88.3	88.9
≥ 400		58.3	60.3	65.3	68.8	70.8	75.1	79.4	81.4	83.9	87.4	88.4	89.9	91.2	91.2	91.9
≥ 300		58.3	60.3	65.3	68.8	70.8	75.5	79.8	82.1	85.0	88.6	89.7	91.7	[illegible]	93.0	94.6
≥ 200		58.3	60.3	65.3	68.8	70.8	75.5	79.8	82.1	85.0	89.0	90.3	92.4	[illegible]	94.0	96.6
≥ 100		58.3	60.3	65.3	68.8	70.8	75.5	79.8	82.1	85.0	89.0	90.3	92.4	93.9	94.4	98.6
≥ 0		58.3	60.3	65.3	68.8	70.8	75.5	79.8	82.1	85.0	89.0	90.3	92.4	93.9	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 554

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-72 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	½	6	¼	0
NO CEILING		22.0	23.1	23.4	23.8	24.1	24.3	24.6	25.0	25.3	25.3	25.3	25.5	25.5	25.5	25.5
≥ 20000		29.8	30.9	31.7	32.0	32.5	32.9	33.2	33.6	33.9	33.9	33.9	34.2	34.2	34.2	34.2
≥ 18000		29.8	30.9	31.7	32.0	32.5	32.9	33.2	33.6	33.9	33.9	33.9	34.2	34.2	34.2	34.2
≥ 16000		29.8	30.9	31.7	32.0	32.5	32.9	33.2	33.6	33.9	33.9	33.9	34.2	34.2	34.2	34.2
≥ 14000		29.8	30.9	31.7	32.0	32.5	32.9	33.2	33.6	33.9	33.9	33.9	34.2	34.2	34.2	34.2
≥ 12000		30.6	31.4	32.2	32.5	33.1	33.4	33.7	34.1	34.4	34.4	34.4	34.7	34.7	34.7	34.7
≥ 10000		32.4	33.4	34.2	34.6	35.1	35.4	35.8	36.1	36.4	36.4	36.4	36.8	36.8	36.8	36.8
≥ 9000		32.5	33.7	34.6	34.9	35.4	35.8	36.1	36.4	36.8	36.8	36.8	37.1	37.1	37.1	37.1
≥ 8000		36.1	37.3	38.1	38.4	39.0	39.3	40.0	40.3	40.7	40.8	40.8	41.1	41.1	41.1	41.3
≥ 7000		38.3	39.5	40.3	40.6	41.1	41.6	42.2	42.5	43.0	43.2	43.2	43.5	43.5	43.5	43.7
≥ 6000		40.6	41.8	42.7	43.0	43.5	44.4	44.9	45.2	45.7	45.9	45.9	46.2	46.2	46.2	46.4
≥ 5000		42.5	43.7	44.5	44.9	45.4	46.2	46.7	47.0	47.6	47.7	47.7	48.1	48.1	48.1	48.4
≥ 4500		45.5	46.7	47.5	48.1	48.6	49.4	49.9	50.3	50.8	50.9	50.9	51.3	51.3	51.3	51.6
≥ 4000		47.2	48.4	49.2	49.7	50.4	51.3	51.8	52.1	52.8	53.0	53.0	53.3	53.3	53.3	53.6
≥ 3500		50.3	51.4	52.3	53.1	53.8	54.6	55.3	55.6	56.3	56.7	56.7	57.0	57.0	57.0	57.3
≥ 3000		52.4	53.6	54.6	55.5	56.2	57.3	58.0	58.2	59.2	59.4	59.4	59.7	59.7	59.7	60.0
≥ 2500		54.8	56.3	57.7	58.5	59.4	60.9	61.6	61.9	62.7	62.9	62.9	63.2	63.2	63.2	63.6
≥ 2000		56.3	58.0	59.7	60.5	61.4	63.1	63.7	64.1	64.9	65.1	65.1	65.4	65.4	65.4	65.8
≥ 1800		56.7	58.5	60.4	61.2	62.1	63.7	64.6	65.1	65.9	66.1	66.1	66.4	66.4	66.4	66.8
≥ 1500		59.0	61.6	63.7	64.5	65.4	66.9	67.8	68.3	69.1	69.3	69.3	69.6	69.6	69.6	70.0
≥ 1200		60.2	62.2	64.6	65.5	66.8	68.4	69.3	69.8	70.8	71.0	71.0	71.3	71.3	71.3	71.7
≥ 1000		60.4	63.4	67.3	69.5	71.0	74.4	76.1	77.2	78.8	79.1	79.1	79.4	79.4	79.4	79.8
≥ 900		60.5	63.6	67.8	70.2	71.7	75.3	77.4	78.6	80.3	80.6	80.6	81.1	81.1	81.1	81.5
≥ 800		60.5	63.6	67.8	70.5	72.2	76.2	78.9	80.3	82.5	83.0	83.0	83.3	83.3	83.3	83.6
≥ 700		60.9	63.9	68.3	71.3	73.3	78.6	81.3	83.1	85.3	86.0	86.0	86.3	86.3	86.3	86.7
≥ 600		61.0	64.2	68.6	71.8	74.0	79.5	82.6	84.3	87.4	88.2	88.5	89.2	89.4	89.4	89.7
≥ 500		61.0	64.2	68.6	72.0	74.2	80.1	83.5	85.5	89.2	90.6	90.9	91.6	92.1	92.1	92.5
≥ 400		61.0	64.2	68.6	72.0	74.2	80.3	84.0	86.8	90.4	92.2	92.6	93.0	93.1	94.1	95.4
≥ 300		61.0	64.2	68.6	72.0	74.2	80.3	84.0	86.7	91.2	92.9	93.4	93.8	93.9	95.6	98.5
≥ 200		61.0	64.2	68.6	72.0	74.2	80.3	84.0	86.7	91.1	92.9	93.4	94.9	95.5	96.6	99.7
≥ 100		61.0	64.2	68.6	72.0	74.2	80.3	84.0	86.7	91.1	92.9	93.4	94.9	96.3	96.8	100.0
0		61.0	64.2	68.6	72.0	74.2	80.3	84.0	86.7	91.1	92.9	93.4	94.9	96.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 393

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — ALL 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	≥⅜	≥¼	≥0
NO CEILING		25,2	25,7	25,8	25,8	26,4	26,5	27,0	27,0	27,0	27,0	27,0	27,2	27,2	27,2	27,2
≥ 20000		33,8	34,6	35,0	35,3	35,8	36,0	36,5	36,5	36,5	36,5	36,5	36,7	36,7	36,7	36,7
≥ 18000		33,8	34,6	35,0	35,3	35,8	36,0	36,5	36,5	36,5	36,5	36,5	36,7	36,7	36,7	36,7
≥ 16000		33,8	34,6	35,0	35,3	35,8	36,0	36,5	36,5	36,5	36,5	36,5	36,7	36,7	36,7	36,7
≥ 14000		34,1	35,0	35,3	35,6	36,1	36,3	36,8	36,8	36,8	36,8	36,8	37,0	37,0	37,0	37,0
≥ 12000		34,8	35,6	36,0	36,3	36,8	37,0	37,5	37,5	37,5	37,5	37,5	37,7	37,7	37,7	37,7
≥ 10000		35,6	36,7	37,0	37,3	37,8	38,0	38,5	38,5	38,5	38,5	38,5	38,7	38,7	38,7	38,7
≥ 9000		37,2	38,2	38,5	38,9	39,4	39,5	40,0	40,0	40,0	40,0	40,0	40,2	40,2	40,2	40,2
≥ 8000		39,5	40,5	40,9	41,7	42,2	42,4	42,9	42,9	42,9	42,9	42,9	43,1	43,1	43,1	43,1
≥ 7000		42,7	43,8	44,3	45,1	45,6	45,8	46,3	46,3	46,3	46,3	46,3	46,6	46,6	46,6	46,6
≥ 6000		45,6	45,6	46,1	47,0	47,6	47,8	48,5	48,5	48,5	48,5	48,5	48,6	48,6	48,6	48,6
≥ 5000		47,3	48,3	48,8	49,8	50,5	50,7	51,4	51,4	51,5	51,5	51,5	51,7	51,7	51,7	51,7
≥ 4500		50,0	51,0	51,5	52,5	53,2	53,4	54,1	54,1	54,2	54,2	54,2	54,4	54,4	54,4	54,4
≥ 4000		51,4	52,4	52,9	53,9	54,1	55,4	56,1	56,1	56,3	56,3	56,3	56,4	56,4	56,4	56,4
≥ 3500		53,0	54,2	54,7	55,7	57,1	57,4	58,1	58,1	58,3	58,3	58,3	58,4	58,4	58,4	58,4
≥ 3000		54,4	55,7	56,6	58,3	59,6	60,1	60,8	60,8	61,0	61,0	61,0	61,1	61,1	61,1	61,1
≥ 2500		56,8	58,3	59,3	61,1	62,5	63,0	63,7	63,7	63,9	63,9	63,9	64,0	64,0	64,0	64,0
≥ 2000		59,1	60,3	62,0	63,9	65,2	65,7	66,7	66,7	66,9	66,9	66,9	67,1	67,1	67,1	67,1
≥ 1800		59,8	61,5	63,0	65,4	66,7	67,2	68,2	68,2	68,4	68,4	68,4	68,6	68,6	68,6	68,6
≥ 1500		61,1	62,8	64,7	67,2	68,8	70,4	71,5	71,6	72,0	72,0	72,1	72,3	72,3	72,3	72,3
≥ 1200		62,3	64,0	66,2	70,3	71,8	73,1	74,2	74,3	74,8	74,8	75,0	75,2	75,2	75,2	75,2
≥ 1000		63,2	65,0	67,6	72,5	74,3	76,4	78,4	78,9	79,9	80,1	80,2	80,4	80,4	80,4	80,4
≥ 900		63,3	65,4	67,9	73,0	75,2	77,7	79,7	80,2	81,4	81,6	81,8	81,9	81,9	81,9	81,9
≥ 800		63,3	65,5	68,2	73,5	75,7	78,7	81,9	82,6	84,0	84,1	84,3	84,5	84,5	84,5	84,5
≥ 700		63,7	65,7	68,8	74,2	76,7	81,3	84,1	84,8	86,3	86,7	86,8	87,0	87,0	87,0	87,0
≥ 600		63,7	65,7	68,8	74,3	76,9	81,9	85,6	86,3	88,7	89,0	89,4	89,5	89,7	89,7	89,7
≥ 500		63,7	65,7	68,8	74,3	77,2	82,4	87,2	88,0	91,2	92,1	92,4	92,6	92,7	92,7	92,7
≥ 400		63,7	65,7	68,8	74,3	77,2	82,4	87,3	88,3	92,4	93,6	93,9	94,4	94,8	94,8	94,8
≥ 300		63,7	65,7	68,8	74,3	77,2	82,4	87,8	88,9	93,9	95,8	96,1	97,1	98,3	98,3	98,3
≥ 200		63,7	65,7	68,8	74,3	77,2	82,4	87,8	88,9	93,9	95,8	96,1	97,1	98,3	98,8	100,0
≥ 100		63,7	65,7	68,8	74,3	77,2	82,4	87,8	88,9	93,9	95,8	96,1	97,1	98,8	98,8	100,0
0		63,7	65,7	68,8	74,3	77,2	82,4	87,8	88,9	93,9	95,8	96,1	97,1	98,8	98,8	100,0

TOTAL NUMBER OF OBSERVATIONS 592

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) V (MONTH)

15 0-17 0 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		24,4	25,2	25,7	26,2	26,2	26,2	26,7	26,7	27,1	27,1	27,1	27,1	27,2	27,2	27,2
≥ 20000		30,8	31,6	32,1	32,7	32,7	32,7	33,2	33,2	33,5	33,5	33,5	33,5	33,7	33,7	33,7
≥ 18000		30,8	31,6	32,1	32,7	32,7	32,7	33,2	33,2	33,5	33,5	33,5	33,5	33,7	33,7	33,7
≥ 16000		30,8	31,6	32,1	32,7	32,7	32,7	33,2	33,2	33,5	33,5	33,5	33,5	33,7	33,7	33,7
≥ 14000		30,8	31,6	32,1	32,7	32,7	32,7	33,2	33,2	33,5	33,5	33,5	33,5	33,7	33,7	33,7
≥ 12000		31,6	32,5	33,0	33,5	33,5	33,5	34,0	34,0	34,3	34,3	34,3	34,3	34,5	34,5	34,5
≥ 10000		33,8	34,9	35,4	35,9	35,9	35,9	36,4	36,4	36,7	36,7	36,7	36,7	36,9	36,9	36,9
≥ 9000		34,0	35,0	35,5	36,2	36,4	36,4	36,9	36,9	37,2	37,2	37,4	37,4	37,6	37,6	37,6
≥ 8000		36,7	37,7	38,4	39,4	39,8	39,8	40,4	40,4	40,8	40,8	40,9	40,9	41,1	41,1	41,1
≥ 7000		39,8	40,8	41,6	42,8	43,1	43,1	43,8	43,8	44,2	44,2	44,3	44,3	44,5	44,5	44,5
≥ 6000		40,8	41,8	42,6	43,8	44,2	44,2	44,8	44,8	45,2	45,2	45,3	45,3	45,5	45,5	45,5
≥ 5000		43,1	44,2	45,0	46,2	46,5	46,5	47,2	47,2	47,5	47,5	47,7	47,7	47,9	47,9	47,9
≥ 4500		45,2	46,2	47,0	48,2	48,6	48,6	49,2	49,2	49,6	49,6	49,7	49,7	49,9	49,9	49,9
≥ 4000		48,2	49,2	50,1	51,3	51,8	51,8	52,5	52,5	52,8	52,8	53,0	53,0	53,1	53,1	53,1
≥ 3500		51,6	53,0	53,8	55,0	55,5	55,5	56,2	56,2	56,5	56,5	56,7	56,7	56,9	56,9	56,9
≥ 3000		54,3	56,2	57,7	59,1	59,7	59,7	60,4	60,4	60,7	60,7	60,9	60,9	61,1	61,1	61,1
≥ 2500		58,0	59,9	61,6	63,5	64,3	64,3	65,0	65,0	65,3	65,3	65,5	65,5	65,7	65,7	65,7
≥ 2000		59,7	62,1	63,8	66,0	67,0	67,0	67,7	67,7	68,0	68,0	68,2	68,2	68,4	68,4	68,4
≥ 1800		60,7	63,3	65,3	67,5	68,7	68,7	69,4	69,8	69,9	69,9	70,1	70,1	70,2	70,2	70,2
≥ 1500		61,8	64,1	66,3	69,4	70,9	71,1	71,9	72,1	72,4	72,4	72,6	72,6	72,8	72,8	72,8
≥ 1200		61,9	65,0	67,3	70,9	72,4	72,9	74,5	74,6	75,0	75,0	75,1	75,1	75,3	75,3	75,3
≥ 1000		62,6	66,3	69,4	72,9	74,5	75,5	77,0	77,2	77,8	77,8	78,2	78,2	78,3	78,3	78,3
≥ 900		62,9	66,7	69,9	73,9	75,6	77,0	78,5	78,7	79,9	79,9	80,2	80,2	80,4	80,4	80,4
≥ 800		63,3	67,0	70,2	74,6	76,3	78,7	81,0	81,6	83,1	83,2	83,6	83,6	83,8	83,8	83,8
≥ 700		63,3	67,0	70,2	74,8	76,5	79,4	82,1	82,6	84,3	85,6	86,0	86,1	86,3	86,3	86,3
≥ 600		63,3	67,0	70,2	75,0	76,6	79,3	82,6	83,6	85,6	87,3	87,6	88,0	88,2	88,2	88,2
≥ 500		63,3	67,0	70,3	75,1	76,8	80,2	83,6	85,1	88,2	90,0	90,7	91,4	91,5	91,5	91,5
≥ 400		63,3	67,0	70,4	75,1	76,8	80,4	84,6	86,1	89,5	91,4	92,0	93,4	93,6	93,6	93,6
≥ 300		63,3	67,0	70,4	75,1	76,8	80,4	84,6	86,1	90,2	92,0	92,9	95,3	95,6	96,8	97,3
≥ 200		63,3	67,0	70,4	75,1	76,8	80,4	84,6	86,1	90,2	92,0	93,1	95,4	97,0	97,1	99,3
≥ 100		63,3	67,0	70,4	75,1	76,8	80,4	84,6	86,1	90,2	92,0	93,1	95,4	97,0	97,1	100,0
0		63,3	67,0	70,4	75,1	76,8	80,4	84,6	86,1	90,2	92,0	93,1	95,4	97,0	97,1	100,0

TOTAL NUMBER OF OBSERVATIONS 391

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING		30.7	32.5	33.4	34.1	34.1	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.7	35.7	35.9
≥ 20000		34.5	36.3	37.2	37.9	37.9	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.7	39.7	39.9
≥ 18000		34.5	36.3	37.2	37.9	37.9	39.0	39.5	39.5	39.5	39.5	39.5	39.5	39.9	39.9	40.1
≥ 16000		34.9	36.3	37.2	37.9	37.9	39.0	39.5	39.5	39.5	39.5	39.5	39.5	39.9	39.9	40.1
≥ 14000		35.2	37.0	37.9	38.6	38.6	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.6	40.6	40.8
≥ 12000		35.2	37.0	37.9	38.6	38.6	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.6	40.6	40.8
≥ 10000		37.7	39.5	40.4	41.0	41.0	42.2	42.6	42.6	42.6	42.6	42.6	42.6	43.0	43.0	43.3
≥ 9000		37.7	39.5	40.4	41.5	41.5	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.7	43.7	43.9
≥ 8000		40.8	42.6	43.5	44.6	44.6	45.7	46.4	46.4	46.4	46.4	46.4	46.4	46.9	46.9	47.1
≥ 7000		43.3	45.1	46.0	47.5	47.5	48.9	49.6	49.6	49.6	49.6	49.6	49.6	50.0	50.0	50.2
≥ 6000		43.9	45.7	46.6	48.2	48.2	49.6	50.2	50.2	50.2	50.2	50.2	50.2	50.7	50.7	50.9
≥ 5000		44.6	46.4	47.3	48.9	48.9	50.2	50.9	50.9	50.9	50.9	50.9	50.9	51.3	51.3	51.6
≥ 4500		46.0	48.0	48.9	50.4	50.4	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.9	52.9	53.1
≥ 4000		47.5	49.6	50.4	52.0	52.0	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.5	54.5	54.7
≥ 3500		50.7	52.7	54.3	55.8	55.8	57.2	57.8	57.8	57.8	57.8	57.8	57.8	58.3	58.3	58.5
≥ 3000		52.2	54.3	55.8	57.8	57.8	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.5	60.5	60.8
≥ 2500		55.2	57.8	60.3	62.8	62.8	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.5	65.5	65.7
≥ 2000		56.7	60.1	63.9	67.7	67.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.4	70.4	70.6
≥ 1800		57.2	61.0	65.5	69.3	69.3	71.1	71.7	71.7	71.7	71.7	71.7	71.7	72.2	72.2	72.4
≥ 1500		57.6	61.7	66.6	70.6	70.6	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.5	73.5	73.8
≥ 1200		58.1	62.6	68.4	72.4	72.4	74.2	74.9	74.9	74.9	74.9	74.9	74.9	75.3	75.3	75.6
≥ 1000		58.1	62.6	68.4	72.4	72.6	75.6	76.7	77.1	77.1	77.1	77.1	77.1	77.6	77.6	77.8
≥ 900		58.1	62.8	68.6	72.6	72.9	76.0	77.1	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.3
≥ 800		58.1	63.0	68.8	72.9	73.1	76.9	78.3	78.7	79.4	79.4	79.4	79.4	79.8	79.8	80.0
≥ 700		58.1	63.2	69.1	73.1	73.3	77.1	78.9	79.4	80.3	81.6	81.6	81.6	82.1	82.1	82.3
≥ 600		58.1	63.2	69.1	73.1	73.3	77.1	79.1	80.3	82.1	83.4	84.1	84.1	84.5	84.5	84.8
≥ 500		58.1	63.2	69.1	73.1	73.3	77.4	79.6	81.2	86.1	86.1	87.0	87.2	87.7	87.7	87.9
≥ 400		58.1	63.2	69.3	73.3	73.5	77.6	80.3	81.8	85.7	87.9	88.8	89.0	89.5	89.5	89.9
≥ 300		58.1	63.2	69.3	73.3	73.5	77.6	80.3	81.8	85.9	89.0	90.1	90.6	92.2	92.2	92.8
≥ 200		58.1	63.2	69.3	73.3	73.5	77.6	80.3	81.8	85.9	89.0	90.6	91.5	93.7	93.7	95.5
≥ 100		58.1	63.2	69.3	73.3	73.5	77.6	80.3	81.8	85.9	89.0	90.6	91.7	94.8	95.1	99.6
0		58.1	63.2	69.3	73.3	73.5	77.6	80.3	81.8	85.9	89.0	90.8	91.7	94.8	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 63-70 YEARS — FC 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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		26,6	27,7	28,2	28,2	28,2	28,6	29,5	29,5	29,5	30,0	30,0	30,0	30,9	30,9	30,9
≥ 20000		27,7	29,1	29,5	29,5	29,5	30,0	30,9	30,9	30,9	31,4	31,4	31,4	32,3	32,3	32,3
≥ 18000		27,7	29,1	29,5	29,5	29,5	30,0	30,9	30,9	30,9	31,4	31,4	31,4	32,3	32,3	32,3
≥ 16000		27,7	29,1	29,5	29,5	29,5	30,0	30,9	30,9	30,9	31,4	31,4	31,4	32,3	32,3	32,3
≥ 14000		27,7	29,1	29,5	29,5	29,5	30,0	30,9	30,9	30,9	31,4	31,4	31,4	32,3	32,3	32,3
≥ 12000		27,7	29,1	29,5	29,5	29,5	30,0	30,9	30,9	30,9	31,4	31,4	31,4	32,3	32,3	32,3
≥ 10000		30,0	31,4	31,8	31,8	31,8	32,3	33,2	33,2	33,2	33,6	33,6	33,6	34,5	34,5	34,5
≥ 9000		30,0	31,4	31,8	31,8	31,8	32,3	33,2	33,2	33,2	33,6	33,6	33,6	34,5	34,5	34,5
≥ 8000		31,8	33,2	33,6	33,6	33,6	34,1	35,0	35,0	35,0	35,5	35,5	35,5	36,4	36,4	36,4
≥ 7000		34,5	35,9	36,4	36,4	36,4	36,8	37,7	37,7	37,7	38,2	38,2	38,2	39,1	39,1	39,1
≥ 6000		35,5	36,8	37,3	37,3	37,3	37,7	38,6	38,6	38,6	39,1	39,1	39,1	40,0	40,0	40,0
≥ 5000		36,8	38,2	38,6	38,6	38,6	39,1	40,0	40,0	40,0	40,5	40,5	40,5	41,4	41,4	41,4
≥ 4500		40,5	41,8	42,3	42,3	42,3	42,7	43,6	43,6	43,6	44,1	44,1	44,1	45,0	45,0	45,0
≥ 4000		40,9	42,3	42,7	42,7	42,7	43,2	44,1	44,1	44,1	44,5	44,5	44,5	45,5	45,5	45,5
≥ 3500		45,9	47,3	47,7	47,7	47,7	48,2	49,1	49,1	49,1	49,5	49,5	49,5	50,5	50,5	50,5
≥ 3000		49,1	51,8	52,3	52,3	52,3	53,6	54,5	54,5	54,5	55,0	55,0	55,0	55,9	55,9	55,9
≥ 2500		51,8	55,5	57,3	57,3	57,7	59,1	60,0	60,0	60,0	60,5	60,5	60,5	61,4	61,4	61,4
≥ 2000		53,6	58,2	62,7	62,7	63,2	64,5	65,5	65,5	65,9	66,4	66,4	66,4	67,3	67,3	67,3
≥ 1800		53,6	58,2	62,7	62,7	63,2	64,5	65,5	65,5	65,9	66,4	66,4	66,4	67,3	67,3	67,3
≥ 1500		54,5	59,1	63,6	63,6	65,0	67,7	69,1	69,1	70,0	70,5	70,5	70,5	71,4	71,4	71,4
≥ 1200		55,0	59,5	65,0	65,0	67,3	70,0	72,7	72,7	73,6	74,1	74,1	74,1	75,0	75,0	75,0
≥ 1000		55,0	59,5	65,0	65,5	68,6	72,7	75,5	75,5	76,4	76,8	76,8	77,7	78,6	78,6	78,6
≥ 900		55,0	59,5	65,5	65,9	69,1	74,1	76,8	77,3	78,2	78,6	79,5	81,4	82,3	82,3	82,3
≥ 800		55,0	59,5	65,5	66,4	70,0	75,0	77,7	78,2	79,1	79,5	80,9	83,2	84,1	84,1	84,1
≥ 700		55,9	60,5	66,4	67,3	70,9	75,9	78,6	79,1	80,0	81,4	82,7	85,0	85,9	85,9	85,9
≥ 600		56,8	61,4	67,3	68,2	71,8	77,7	81,4	81,8	83,6	84,5	85,9	88,2	89,1	89,1	89,1
≥ 500		56,8	61,4	67,3	68,2	71,8	78,2	82,3	83,2	85,0	86,8	88,2	90,9	91,8	91,8	91,8
≥ 400		56,8	61,4	67,3	68,2	71,8	78,2	83,2	84,1	86,8	88,6	90,0	93,2	94,1	94,1	94,1
≥ 300		56,8	61,4	67,3	68,2	71,8	78,6	85,0	85,9	89,1	90,9	92,3	95,5	97,7	97,7	97,7
≥ 200		56,8	61,4	67,3	68,2	71,8	78,6	85,0	87,3	90,5	92,3	93,6	96,8	99,5	99,5	100,0
≥ 100		56,8	61,4	67,3	68,2	71,8	78,6	85,0	87,3	90,5	92,3	93,6	96,8	99,5	99,5	100,0
0		56,8	61,4	67,3	68,2	71,8	78,6	85,0	87,3	90,5	92,3	93,6	96,8	99,5	99,5	100,0

TOTAL NUMBER OF OBSERVATIONS 220

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥7/16	≥¼	≥0
NO CEILING		25.2	25.6	26.6	26.7	26.9	27.3	28.1	28.1	28.6	29.0	29.6	29.6	29.6	29.8	29.9
≥ 20000		28.4	28.8	29.8	29.9	30.1	30.5	31.3	31.3	31.8	32.2	32.8	32.8	32.8	33.0	33.1
≥ 18000		28.4	28.8	29.8	29.9	30.1	30.5	31.3	31.3	31.8	32.2	32.8	32.8	32.8	33.0	33.1
≥ 16000		28.4	28.8	29.8	29.9	30.1	30.5	31.3	31.3	31.8	32.2	32.8	32.8	32.8	33.0	33.1
≥ 14000		28.6	29.0	29.9	30.1	30.3	30.7	31.5	31.5	32.0	32.4	33.0	33.0	33.0	33.1	33.3
≥ 12000		28.6	29.0	29.9	30.1	30.3	30.7	31.5	31.5	32.0	32.4	33.0	33.0	33.0	33.1	33.3
≥ 10000		30.1	30.5	31.5	31.6	31.8	32.2	33.0	33.0	33.5	33.9	34.5	34.5	34.5	34.7	34.8
≥ 9000		30.3	30.7	31.6	31.8	32.0	32.4	33.1	33.1	33.7	34.1	34.7	34.7	34.7	34.8	35.0
≥ 8000		33.0	33.3	34.3	34.5	34.7	35.0	35.6	35.8	36.3	36.7	37.3	37.3	37.3	37.5	37.7
≥ 7000		34.7	35.0	36.0	36.2	36.3	36.7	37.5	37.5	38.0	38.4	39.0	39.0	39.0	39.2	39.4
≥ 6000		35.4	35.8	36.7	36.9	37.1	37.5	38.6	38.6	39.2	39.7	40.3	40.3	40.3	40.5	40.7
≥ 5000		37.3	37.9	39.0	39.4	39.5	39.9	41.1	41.1	41.6	42.2	42.7	42.7	42.7	42.9	43.1
≥ 4500		38.2	39.0	40.3	40.7	40.9	41.2	42.4	42.4	42.9	43.5	44.1	44.1	44.1	44.3	44.4
≥ 4000		39.7	40.5	41.8	42.4	42.6	42.9	44.1	44.1	44.6	45.2	45.8	45.8	45.8	46.0	46.1
≥ 3500		43.3	44.1	45.4	46.1	46.3	46.7	47.8	47.8	48.4	49.0	49.5	49.5	49.5	49.7	49.9
≥ 3000		47.1	48.0	50.1	50.8	51.4	52.5	53.7	53.7	54.4	55.0	55.6	55.6	55.6	55.7	55.9
≥ 2500		49.7	51.4	53.9	55.0	55.6	56.7	57.8	57.8	58.6	59.1	59.7	59.7	59.7	59.9	60.1
≥ 2000		51.6	53.5	57.4	59.3	60.3	61.4	62.7	62.7	63.7	64.2	64.8	64.8	64.8	65.0	65.2
≥ 1800		52.0	53.9	57.8	59.7	61.0	62.3	63.7	63.8	64.6	65.2	65.7	65.7	65.7	65.9	66.1
≥ 1500		52.9	55.0	59.1	61.4	63.5	65.3	66.7	66.9	67.6	68.2	68.7	68.9	68.9	69.1	69.3
≥ 1200		54.4	57.1	61.8	64.6	67.0	69.3	71.0	71.2	72.1	73.1	74.0	74.2	74.2	74.4	74.6
≥ 1000		54.6	57.3	62.0	65.0	67.6	70.6	72.3	72.7	73.8	74.8	75.9	76.1	76.1	76.3	76.5
≥ 900		54.6	57.3	62.0	65.2	67.8	70.8	73.4	73.6	74.8	76.1	77.4	77.6	77.6	77.8	78.0
≥ 800		54.8	57.4	62.9	66.1	68.7	72.1	75.0	75.3	77.0	78.3	79.8	80.4	80.4	80.6	80.8
≥ 700		55.6	58.6	64.0	67.4	70.1	73.8	76.6	77.2	79.1	80.6	82.1	82.7	82.7	82.9	83.1
≥ 600		55.7	58.8	64.6	68.0	70.6	75.1	78.3	79.1	81.4	83.1	84.6	85.1	85.3	85.5	85.7
≥ 500		55.9	58.9	65.2	68.7	71.4	75.9	79.5	80.6	83.4	85.5	87.4	88.7	89.1	89.3	89.5
≥ 400		55.9	58.9	65.3	68.9	71.6	76.5	80.0	81.2	84.7	87.0	88.9	90.4	91.5	91.7	92.1
≥ 300		55.9	58.9	65.3	68.9	71.6	77.0	81.0	82.7	86.6	89.6	91.5	93.4	95.5	96.0	96.6
≥ 200		55.9	58.9	65.3	68.9	71.6	77.4	81.4	83.1	87.4	90.4	92.3	94.5	96.6	97.9	99.4
≥ 100		55.9	58.9	65.3	68.9	71.6	77.4	81.4	83.1	87.4	90.4	92.3	94.5	96.6	97.9	100.0
≥ 0		55.9	58.9	65.3	68.9	71.6	77.4	81.4	83.1	87.4	90.4	92.3	94.5	96.6	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 531

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) FC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING		20,9	22,9	23,9	24,0	24,0	24,9	25,0	25,0	25,5	25,5	25,9	25,9	26,2	26,2	26,7
≥ 20000		24,4	26,5	27,5	27,7	27,7	28,5	28,9	28,9	29,4	29,4	29,7	29,7	30,0	30,0	30,5
≥ 16000		24,7	26,9	27,9	28,0	28,0	28,9	29,2	29,2	29,7	29,7	30,0	30,0	30,3	30,3	30,8
≥ 16000		24,7	26,9	27,9	28,0	28,0	28,9	29,2	29,2	29,7	29,7	30,0	30,0	30,3	30,3	30,8
≥ 14000		24,7	26,9	27,9	28,0	28,0	28,9	29,2	29,2	29,7	29,7	30,0	30,0	30,3	30,3	30,8
≥ 12000		24,7	26,9	27,9	28,0	28,0	28,9	29,2	29,2	29,7	29,7	30,0	30,0	30,3	30,3	30,8
≥ 10000		27,0	29,4	30,3	30,5	30,5	31,5	31,8	31,8	32,3	32,3	32,7	32,7	33,0	33,0	33,5
≥ 9000		28,7	31,0	32,0	32,2	32,2	33,2	33,5	33,5	34,0	34,0	34,3	34,3	34,6	34,7	35,2
≥ 8000		31,2	33,7	34,7	34,8	34,8	35,8	36,2	36,2	36,7	36,7	37,0	37,0	37,3	37,3	37,8
≥ 7000		34,0	36,5	37,5	37,6	37,6	38,6	39,0	39,0	39,5	39,6	40,0	40,0	40,3	40,3	40,8
≥ 6000		36,5	38,8	39,8	40,0	40,0	41,0	41,3	41,3	41,8	42,0	42,5	42,5	42,8	42,8	43,8
≥ 5000		38,6	41,3	42,3	42,5	42,5	43,4	43,8	43,8	44,3	44,4	44,9	44,9	45,3	45,3	46,3
≥ 4500		40,8	43,0	43,9	44,1	44,1	45,1	45,4	45,4	45,9	46,1	46,6	46,6	46,9	46,9	47,9
≥ 4000		42,5	45,1	46,1	46,4	46,4	47,4	48,4	48,4	49,3	49,4	49,9	49,9	50,2	50,2	51,2
≥ 3500		44,9	47,6	48,6	48,9	48,9	49,9	50,9	51,1	52,1	52,2	52,7	52,7	53,1	53,1	54,1
≥ 3000		48,8	51,6	52,7	53,4	53,6	54,6	55,6	55,7	57,0	57,2	57,7	57,7	58,0	58,0	59,0
≥ 2500		51,2	54,6	55,9	56,9	57,2	58,2	59,2	59,4	60,7	60,9	61,4	61,4	61,7	61,7	62,7
≥ 2000		53,4	56,9	59,2	60,9	61,2	62,5	63,5	63,7	65,3	65,3	65,8	65,8	66,2	66,2	67,2
≥ 1800		53,7	57,2	59,7	61,4	61,7	63,5	64,7	65,0	66,5	66,7	67,2	67,2	67,5	67,5	68,5
≥ 1500		55,2	58,9	61,4	63,2	63,8	65,8	67,2	67,5	69,2	69,3	69,8	69,8	70,1	70,1	71,1
≥ 1200		56,6	61,2	63,2	64,7	65,5	70,8	72,3	72,6	74,8	75,0	75,6	75,6	76,0	76,0	76,9
≥ 1000		56,6	61,7	63,7	64,2	64,2	71,8	73,3	73,8	76,5	76,6	77,4	77,4	77,8	77,8	78,9
≥ 900		56,6	61,7	63,7	64,5	64,5	72,3	74,3	74,8	78,3	78,6	79,4	79,4	79,8	79,8	80,9
≥ 800		56,6	62,0	64,3	64,3	70,6	73,3	76,3	76,9	80,8	81,3	82,4	82,4	82,8	82,8	83,9
≥ 700		56,6	62,2	64,5	64,5	70,8	74,3	77,1	77,9	82,6	83,3	84,6	84,7	85,1	85,1	86,2
≥ 600		56,6	62,2	64,5	64,5	70,8	74,8	77,8	78,6	84,7	85,9	87,2	87,4	87,9	87,9	89,1
≥ 500		56,6	62,2	64,7	64,7	71,1	75,3	78,9	79,8	86,9	88,4	90,0	90,5	91,2	91,2	92,4
≥ 400		56,6	62,2	64,7	64,8	71,3	75,6	79,4	80,3	88,1	89,9	92,2	92,7	93,5	93,5	94,9
≥ 300		56,6	62,2	64,8	70,0	71,5	76,0	80,4	81,3	89,6	91,9	94,4	95,0	96,2	96,2	98,0
≥ 200		56,6	62,2	67,0	70,1	71,6	76,1	80,6	81,4	89,7	92,0	94,5	95,4	96,8	96,8	99,5
≥ 100		56,6	62,2	67,0	70,1	71,6	76,1	80,6	81,4	89,7	92,0	94,5	95,4	96,8	96,8	100,0
0		56,6	62,2	67,0	70,1	71,6	76,1	80,6	81,4	89,7	92,0	94,5	95,4	96,8	96,8	100,0

TOTAL NUMBER OF OBSERVATIONS 603

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		19,9	21,1	22,5	22,6	22,8	23,0	23,2	23,2	23,2	23,2	23,2	23,2	23,2	23,2	23,2
≥ 20000		24,5	25,7	27,3	27,4	27,6	28,0	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1
≥ 18000		24,5	25,7	27,3	27,4	27,6	28,0	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1
≥ 16000		24,5	25,7	27,3	27,4	27,6	28,0	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1	28,1
≥ 14000		25,0	26,2	27,8	28,0	28,1	28,5	28,6	28,6	28,6	28,6	28,6	28,6	28,6	28,6	28,6
≥ 12000		25,0	26,2	27,8	28,0	28,1	28,5	28,6	28,6	28,6	28,6	28,6	28,6	28,6	28,6	28,6
≥ 10000		26,4	27,6	29,2	29,3	29,5	29,8	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0
≥ 9000		28,6	29,8	31,4	31,6	31,7	32,1	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2
≥ 8000		32,1	33,8	35,3	35,5	35,7	36,0	36,2	36,2	36,2	36,2	36,2	36,2	36,2	36,2	36,2
≥ 7000		35,3	37,0	38,6	38,8	38,9	39,3	39,5	39,5	39,5	39,5	39,5	39,5	39,5	39,5	39,5
≥ 6000		37,4	39,5	41,0	41,3	41,5	41,9	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0
≥ 5000		40,0	42,0	43,6	43,9	44,1	44,4	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6
≥ 4500		43,6	45,6	47,2	47,5	47,7	48,0	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2
≥ 4000		46,7	49,1	50,8	51,3	51,5	52,1	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5
≥ 3500		48,2	50,6	52,3	53,0	53,2	53,9	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2
≥ 3000		51,5	54,0	55,9	56,8	57,3	58,1	59,0	59,0	59,0	59,0	59,0	59,0	59,0	59,0	59,0
≥ 2500		54,5	57,3	59,5	60,9	61,6	62,4	63,2	63,5	63,6	63,6	63,6	63,6	63,6	63,6	63,6
≥ 2000		56,9	60,0	63,0	64,8	65,5	66,9	67,8	67,8	68,3	68,3	68,3	68,3	68,3	68,3	68,3
≥ 1800		57,6	61,2	64,3	66,2	66,9	68,4	69,3	69,3	70,0	70,0	70,0	70,0	70,0	70,0	70,0
≥ 1500		59,0	62,8	66,0	68,4	69,1	70,7	71,9	71,9	72,6	72,6	72,6	72,6	72,6	72,6	72,6
≥ 1200		59,9	64,0	67,6	71,4	72,4	74,3	75,6	76,2	77,7	77,7	77,9	77,9	77,9	77,9	77,9
≥ 1000		60,4	65,2	69,0	73,1	74,3	76,8	78,7	79,4	81,5	81,6	81,8	81,8	81,8	81,8	81,8
≥ 900		60,4	65,2	69,0	73,2	74,6	77,2	79,6	80,3	82,7	83,2	83,4	83,4	83,4	83,4	83,4
≥ 800		60,4	65,4	69,1	73,4	74,8	77,9	81,0	81,6	84,6	85,4	85,6	85,6	85,6	85,6	85,6
≥ 700		60,4	65,4	69,3	73,9	75,5	79,4	82,6	83,7	86,8	87,8	88,2	88,2	88,3	88,3	88,3
≥ 600		60,4	65,4	69,3	74,1	75,6	79,6	83,4	84,4	88,3	89,9	90,4	90,4	90,6	90,6	90,6
≥ 500		60,4	65,4	69,3	74,3	75,8	80,1	84,0	85,1	90,2	92,5	93,0	93,1	93,8	93,8	93,8
≥ 400		60,4	65,4	69,3	74,4	76,0	80,4	84,9	86,3	92,3	94,5	95,2	95,7	96,7	96,7	96,9
≥ 300		60,4	65,4	69,3	74,8	76,3	81,0	85,8	87,3	93,8	96,2	96,9	97,6	98,6	98,6	98,8
≥ 200		60,4	65,4	69,3	74,8	76,3	81,0	85,8	87,3	93,8	96,2	97,1	97,8	99,5	99,5	100,0
≥ 100		60,4	65,4	69,3	74,8	76,3	81,0	85,8	87,3	93,8	96,2	97,1	97,8	99,5	99,5	100,0
0		60,4	65,4	69,3	74,8	76,3	81,0	85,8	87,3	93,8	96,2	97,1	97,8	99,5	99,5	100,0

TOTAL NUMBER OF OBSERVATIONS 583

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		17.9	18.2	19.2	19.5	19.7	20.6	20.8	20.8	21.0	21.2	21.2	21.5	21.5	21.7	22.3
≥ 20000		21.0	21.7	23.2	23.6	23.8	24.7	24.9	24.9	25.0	25.2	25.2	25.6	25.6	25.8	26.3
≥ 18000		21.2	21.9	23.4	23.8	23.9	24.9	25.0	25.0	25.2	25.4	25.4	25.8	25.8	26.0	26.5
≥ 16000		21.2	21.9	23.4	23.8	23.9	24.9	25.0	25.0	25.2	25.4	25.4	25.8	25.8	26.0	26.5
≥ 14000		21.2	21.9	23.4	23.8	23.9	24.9	25.0	25.0	25.2	25.4	25.4	25.8	25.8	26.0	26.5
≥ 12000		21.2	21.9	23.4	23.8	23.9	24.9	25.0	25.0	25.2	25.4	25.4	25.8	25.8	26.0	26.5
≥ 10000		21.7	22.5	23.9	24.3	24.5	25.4	25.6	25.6	25.8	26.0	26.0	26.3	26.3	26.7	27.3
≥ 9000		22.1	22.8	24.3	24.9	25.0	26.0	26.2	26.2	26.5	26.7	26.7	27.1	27.1	27.4	28.0
≥ 8000		24.9	25.6	27.1	27.6	27.8	28.7	28.9	28.9	29.3	29.5	29.5	29.8	29.8	30.2	30.8
≥ 7000		28.5	29.3	30.8	31.3	31.5	32.4	32.6	32.6	33.0	33.1	33.1	33.5	33.5	33.9	34.4
≥ 6000		30.4	31.1	32.6	33.3	33.5	34.8	35.0	35.0	35.4	35.5	35.5	35.9	35.9	36.3	36.9
≥ 5000		32.2	33.0	34.4	35.2	35.4	36.6	36.8	36.8	37.2	37.4	37.4	37.8	37.8	38.1	38.7
≥ 4500		34.6	35.4	36.8	37.9	38.1	39.4	39.6	39.6	40.0	40.1	40.1	40.5	40.5	40.9	41.4
≥ 4000		36.1	37.0	38.5	39.8	40.0	41.4	41.6	41.6	42.2	42.4	42.4	42.7	42.7	43.1	43.8
≥ 3500		39.4	40.3	41.8	43.1	43.3	44.8	44.9	44.9	45.5	46.0	46.0	46.4	46.4	46.8	47.5
≥ 3000		44.6	45.9	47.9	49.2	49.4	51.0	51.2	51.2	52.1	52.3	52.3	52.7	52.7	53.0	53.8
≥ 2500		49.9	51.6	54.3	55.8	56.0	57.6	57.6	57.8	58.7	58.9	58.9	59.3	59.3	59.7	60.4
≥ 2000		53.2	55.4	58.7	60.8	61.0	62.6	62.8	62.8	63.9	64.1	64.1	64.5	64.5	64.8	65.6
≥ 1800		53.8	56.4	60.4	62.6	62.8	64.6	64.8	64.8	65.9	66.1	66.1	66.5	66.5	66.9	67.6
≥ 1500		55.6	58.4	62.4	65.4	65.7	67.8	68.5	68.5	70.0	70.3	70.3	70.7	70.7	71.1	71.8
≥ 1200		56.2	59.1	63.7	66.9	67.4	70.2	71.3	71.6	73.3	73.8	73.8	74.2	74.2	74.6	75.3
≥ 1000		56.2	59.1	63.7	67.4	68.0	71.6	72.9	73.3	75.7	76.6	76.8	77.2	77.2	77.5	78.3
≥ 900		56.2	59.1	63.7	67.4	68.0	71.5	73.1	73.5	76.2	77.5	77.7	78.1	78.1	78.5	79.2
≥ 800		56.2	59.1	63.7	67.6	68.7	72.7	74.6	75.1	78.5	80.1	80.3	80.7	80.7	81.0	81.8
≥ 700		56.2	59.1	63.7	67.6	68.7	73.7	75.5	76.6	80.1	82.3	82.1	83.6	83.6	84.0	84.7
≥ 600		56.2	59.1	63.7	67.6	68.7	73.7	76.2	77.3	81.2	84.0	84.7	85.6	85.8	86.2	86.9
≥ 500		56.2	59.3	63.9	67.8	68.9	73.8	76.4	77.5	82.3	85.3	86.6	88.2	88.8	89.1	89.9
≥ 400		56.2	59.3	63.9	67.8	68.9	74.0	77.0	78.3	83.6	87.3	89.1	91.2	92.3	92.8	93.9
≥ 300		56.2	59.3	63.9	67.8	68.9	74.4	77.3	79.0	85.0	89.9	91.7	94.1	95.4	96.3	96.0
≥ 200		56.2	59.3	63.9	67.8	68.9	74.4	77.3	79.0	85.8	89.9	91.9	94.7	96.5	97.8	99.8
≥ 100		56.2	59.3	63.9	67.8	68.9	74.4	77.3	79.0	85.8	89.9	91.9	94.7	96.5	98.0	100.0
0		56.2	59.3	63.9	67.8	68.9	74.4	77.3	79.0	85.8	89.9	91.9	94.7	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 543

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

CEILING VERSUS VISIBILITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 63-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2100 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING		15,2	17,2	18,0	18,2	18,7	19,2	20,0	20,0	20,8	20,8	21,0	21,0	21,0	22,0	22,3
≥ 20000		16,7	18,7	19,5	19,7	20,3	20,8	21,3	21,5	22,3	22,3	22,5	22,5	22,5	23,5	23,8
≥ 18000		16,7	19,2	20,0	20,3	20,8	21,3	22,0	22,0	22,8	22,8	23,0	23,0	23,0	24,1	24,3
≥ 16000		16,7	19,2	20,0	20,3	20,8	21,3	22,0	22,0	22,8	22,8	23,0	23,0	23,0	24,1	24,3
≥ 14000		16,7	19,2	20,0	20,3	20,8	21,3	22,0	22,0	22,8	22,8	23,0	23,0	23,0	24,1	24,3
≥ 12000		16,7	19,2	20,0	20,3	20,8	21,3	22,0	22,0	22,8	22,8	23,0	23,0	23,0	24,1	24,3
≥ 10000		16,7	19,2	20,0	20,3	20,8	21,3	22,0	22,0	23,0	23,0	23,3	23,3	23,3	24,3	24,6
≥ 9000		17,2	19,7	20,5	20,8	21,3	21,8	22,5	22,5	23,5	23,5	23,8	23,8	23,8	24,8	25,1
≥ 8000		19,2	21,8	22,5	22,8	23,3	23,8	24,6	24,6	25,6	25,6	25,8	25,8	25,8	26,8	27,1
≥ 7000		22,3	24,8	26,1	26,3	26,8	27,3	28,1	28,1	29,1	29,1	29,4	29,4	29,4	30,4	30,6
≥ 6000		23,3	25,8	27,1	27,3	27,8	28,3	29,6	29,6	30,6	30,6	30,9	30,9	30,9	31,9	32,2
≥ 5000		25,6	28,1	29,4	29,6	30,1	31,1	31,9	31,9	32,9	32,9	33,2	33,2	33,2	34,2	34,4
≥ 4500		28,4	30,9	32,2	32,4	32,9	33,9	34,7	34,7	35,9	35,9	36,2	36,2	36,2	37,2	37,5
≥ 4000		29,6	32,2	33,4	33,7	34,2	35,2	35,9	35,9	37,2	37,2	37,5	37,5	37,5	38,5	38,7
≥ 3500		34,7	37,5	38,7	39,0	39,5	40,5	41,3	41,3	42,5	42,5	42,8	42,8	42,8	43,8	44,1
≥ 3000		37,0	39,7	42,5	42,8	43,3	44,8	45,6	45,6	46,8	46,8	47,1	47,1	47,1	48,1	48,4
≥ 2500		42,8	46,1	49,6	50,9	51,9	53,4	54,2	54,2	55,4	55,7	55,9	55,9	55,9	57,0	57,2
≥ 2000		44,8	48,6	53,2	55,2	56,5	58,0	58,7	58,7	60,0	60,5	60,8	60,8	60,8	61,8	62,0
≥ 1800		45,8	49,9	54,7	56,7	58,0	60,5	61,5	61,5	62,8	63,3	63,5	63,5	63,5	64,6	64,8
≥ 1500		47,8	52,9	58,0	60,5	61,8	65,1	67,3	67,8	69,1	70,1	70,4	70,4	70,4	71,4	71,6
≥ 1200		47,8	53,2	58,2	60,8	62,0	66,1	69,1	69,6	70,9	71,9	72,2	72,2	72,2	73,2	73,4
≥ 1000		47,8	53,2	58,2	60,8	62,0	67,1	70,4	70,9	72,2	73,2	73,4	73,4	73,4	74,4	74,7
≥ 900		47,8	53,2	58,2	60,8	62,0	67,6	71,1	71,6	73,2	74,2	74,4	74,4	74,4	75,4	75,7
≥ 800		47,8	53,2	58,2	60,8	63,5	69,6	73,7	74,2	76,5	78,0	78,2	78,2	78,2	79,2	79,5
≥ 700		47,8	53,2	58,2	60,8	63,8	69,1	75,4	76,9	77,5	79,0	80,0	80,5	80,5	81,5	81,8
≥ 600		47,8	53,2	58,2	60,8	64,1	70,4	75,7	76,5	79,0	80,8	81,8	82,5	82,5	83,5	83,8
≥ 500		47,8	53,2	58,2	60,8	64,1	70,4	75,7	76,7	79,7	82,3	84,1	85,6	85,6	86,6	86,8
≥ 400		47,8	53,2	58,2	60,8	64,1	70,4	75,9	77,0	80,0	82,5	84,3	86,1	86,3	87,3	87,6
≥ 300		47,8	53,2	58,2	60,8	64,1	70,4	75,9	77,5	80,8	84,6	86,6	88,6	89,1	90,6	91,6
≥ 200		47,8	53,2	58,2	60,8	64,1	70,4	76,5	78,0	81,5	86,1	88,1	90,6	91,6	93,9	95,9
≥ 100		47,8	53,2	58,2	60,8	64,1	70,4	76,5	78,0	81,5	86,1	88,1	90,6	91,9	94,7	100,0
0		47,8	53,2	58,2	60,8	64,1	70,4	76,5	78,0	81,5	86,1	88,1	90,6	91,9	94,7	100,0

TOTAL NUMBER OF OBSERVATIONS 395

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 64-70 ALL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	19.0	2.9	3.6	2.5	2.3	1.5	1.7	1.4	4.4	3.6	57.3	6.9	2544
FEB		21.7	2.9	.8	6.3	2.2	1.7	1.9	1.5	5.0	4.7	51.5	6.6	2427
MAR		11.4	3.2	1.4	2.5	16.7	1.6	2.2	1.7	4.9	4.4	49.8	6.9	297
APR		15.5	4.4	2.6	3.8	4.1	3.0	2.7	2.5	5.8	6.3	49.4	6.8	3041
MAY		14.4	3.9	2.3	3.9	5.6	4.1	3.1	3.4	6.3	6.8	46.4	6.8	2805
JUN		13.8	5.2	1.7	5.4	5.6	3.9	2.7	3.5	8.3	7.4	42.7	6.7	2615
JUL		10.3	8.6	2.5	4.3	4.3	3.3	2.7	1.8	10.4	7.7	44.2	6.8	2508
AUG		21.3	5.2	1.7	3.8	3.7	4.5	3.9	2.4	7.4	9.1	37.2	6.1	2709
SEP		19.2	6.8	3.2	5.7	5.3	3.2	4.2	3.2	7.7	7.3	34.3	5.8	2728
OCT		36.8	5.6	2.1	3.8	3.7	2.2	2.5	2.3	4.2	4.8	27.0	4.4	2733
NOV		9.5	4.2	1.1	2.3	2.7	1.9	3.1	1.9	5.7	7.1	60.6	7.8	2847
DEC		10.1	3.0	1.1	2.9	2.3	1.4	2.2	1.5	5.7	5.7	63.0	7.9	2641
TOTALS		16.9	4.7	2.0	4.4	4.9	2.7	2.7	2.3	6.3	6.3	47.0	6.6	32568

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70 JA
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02											100.0	10.0	2
	03-05	12.4	3.6	3.7	4.0	4.0	1.8	3.1	1.8	4.4	3.6	58.7	7.3	225
	06-08	9.2	4.5	2.5	3.1	2.9	1.3	2.9	2.5	4.9	3.4	62.9	7.7	447
	09-11	9.7	3.1	3.5	3.1	2.1	1.9	1.4	2.1	7.9	8.1	57.9	7.8	516
	12-14	11.4	3.4	4.2	3.6	3.8	2.8	1.8	2.4	10.4	4.4	54.6	7.4	498
	15-17	11.2	3.5	1.4	4.3	3.5	2.2	1.8	1.4	2.9	5.5	61.4	7.6	492
	18-20	14.5	5.0	1.7	2.2	2.0	1.7	2.5	.6	3.6	3.6	62.6	7.4	358
	21-23	83.3		16.7									.3	6
TOTALS		19.0	2.9	3.6	2.5	2.3	1.5	1.7	.4	4.4	3.6	57.3	6.9	2544

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	50.0			16.7							33.3	3.8	6
	03-05	18.9	2.9	.4	2.9	1.2	2.5	.4	2.5	3.3	4.1	60.9	7.2	243
	06-08	14.2	3.7	1.9	1.9	1.9	1.6	3.3	1.2	7.7	4.9	57.9	7.4	430
	09-11	10.1	3.7	1.5	2.8	3.0	1.1	1.9	1.3	10.1	8.6	55.9	7.7	465
	12-14	10.2	2.4	.4	2.8	5.2	3.7	3.0	2.6	5.6	8.0	56.0	7.6	461
	15-17	7.6	6.3	1.3	2.2	2.6	3.0	2.8	2.0	7.2	8.3	56.7	7.7	460
	18-20	12.4	4.2	.6	4.2	3.4	1.7	3.7	2.3	5.9	3.7	57.9	7.4	356
	21-23	50.0			16.7							33.3	3.8	6
TOTALS		21.7	2.9	.6	6.3	2.2	1.7	2.9	1.5	5.0	4.7	51.5	6.6	2427

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70 APR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05	17.4	4.0		2.9	2.9	1.4	1.4	1.8	4.3	2.2	61.6	7.2	276
	06-08	10.9	3.9	2.2	2.5	2.5	1.4	1.8	1.8	6.3	4.8	61.8	7.7	558
	09-11	12.4	4.3	1.1	3.2	2.7	2.5	2.3	1.8	5.7	7.7	56.2	7.4	557
	12-14	11.5	3.4	1.6	3.0	3.0	2.2	4.1	2.9	5.6	6.5	56.3	7.5	558
	15-17	12.6	2.7	3.1	2.0	2.5	1.4	2.7	2.0	8.3	4.9	57.7	7.5	556
	18-20	15.1	4.3	1.5	3.9	3.2	2.4	3.4	1.9	4.1	5.0	55.2	7.1	464
	21-23					100.0							4.0	1
TOTALS		11.4	3.2	1.4	2.5	16.7	1.6	2.2	1.7	4.9	4.4	49.8	6.9	2970

USAF ETAC FORM 0-9-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70 APR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	28.8	3.4	5.1	3.4	5.1	1.7	1.7	3.4	1.7	3.4	42.4	5.5	59
	03-05	20.4	4.8	1.6	2.4	5.2	4.0	2.8	1.6	4.4	5.6	47.2	6.4	250
	06-08	14.5	3.4	2.0	3.7	2.6	1.9	3.7	1.7	4.8	6.0	55.7	7.2	537
	09-11	12.5	5.8	1.9	3.0	2.8	2.8	3.4	2.6	6.9	3.8	52.5	7.1	535
	12-14	7.9	4.9	.9	3.7	4.3	3.6	3.4	2.6	8.4	7.3	51.0	7.5	535
	15-17	7.5	4.1	1.3	3.9	3.2	3.9	3.4	2.1	9.0	10.9	50.7	7.6	534
	18-20	12.6	3.1	.9	3.5	4.7	3.3	2.3	2.3	8.5	5.4	52.6	7.2	485
	21-23	19.8	5.7	5.7	6.6	4.7	2.8	.9	3.8	2.8	3.8	43.4	5.	106
TOTALS		15.5	4.4	2.6	3.8	4.1	3.0	2.7	2.5	5.8	6.3	49.4	6.8	3041

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70 MAY
STATION STATION NAME PERIC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	36.8		2.6	2.6	5.3	5.3		5.3	2.6	5.3	34.2	5.1	38
	03-05	13.6	6.0	2.5	2.5	5.0	3.0	2.0	4.0	11.6	7.0	42.7	6.8	199
	06-08	12.5	6.5	1.9	2.8	3.7	3.5	1.7	3.9	4.5	6.9	52.1	7.1	537
	09-11	7.8	6.7	1.9	2.4	4.1	3.9	4.3	2.8	6.3	7.6	52.1	7.4	536
	12-14	3.1	3.1	2.5	3.1	5.0	5.2	5.2	2.5	9.5	9.9	51.1	7.9	524
	15-17	1.9	2.5	2.5	5.2	6.5	5.8	4.0	3.1	6.3	10.4	51.8	7.9	521
	18-20	6.6	6.1	2.6	3.8	6.9	4.1	4.3	3.6	5.9	7.1	49.0	7.2	392
	21-23	32.8		1.7	5.6	5.6	1.7	3.4	1.7	3.4		37.9	5.1	58
TOTALS		14.4	3.9	2.3	3.9	5.6	4.1	3.1	3.4	6.3	6.8	46.4	6.8	2805

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70 JUN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	33.3			11.1	11.1				11.1		33.3	5.0	9
	03-05	10.7	7.3	3.4	7.3	6.3	3.4	1.5	3.9	5.8	2.4	48.1	6.6	206
	06-08	16.1	6.9	2.7	5.0	4.8	2.3	1.9	2.9	7.1	6.7	43.6	6.4	521
	09-11	7.9	9.2	2.7	7.9	5.6	2.5	2.9	2.5	6.9	6.2	45.8	6.8	520
	12-14	3.9	8.2	2.0	4.5	5.5	5.7	6.3	2.9	8.2	11.9	40.9	7.2	511
	15-17	4.0	5.6	1.8	4.0	6.4	5.2	4.6	2.2	9.6	11.6	45.2	7.5	502
	18-20	6.9	4.5	.9	3.3	4.6	2.7	4.5	4.5	8.4	11.6	48.1	7.6	335
	21-23	27.3					9.1		9.1	9.1	9.1	36.4	6.3	11
TOTALS		13.8	5.2	1.7	5.4	5.6	3.9	2.7	3.3	8.3	7.4	42.7	6.7	2615

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05	20.0	8.6	5.9	5.9	4.5	3.6	2.7	.9	4.1	5.5	38.2	5.6	220
	06-08	19.2	7.5	3.8	3.0	4.8	2.8	2.0	2.4	3.4	7.1	44.2	6.2	505
	09-11	13.7	9.7	1.2	5.6	5.4	2.4	3.6	1.6	7.4	8.9	40.6	6.4	503
	12-14	5.6	10.5	2.1	5.6	6.4	5.4	3.1	3.3	10.3	9.7	38.0	6.8	484
	15-17	4.2	12.3	2.0	5.0	4.2	5.7	3.7	2.2	11.0	12.1	37.7	6.9	456
	18-20	9.2	11.6	2.7	5.1	4.8	3.0	3.6	2.1	11.9	10.7	35.4	6.5	336
	21-23									25.0		75.0	9.5	4
TOTALS		10.3	8.9	2.5	4.3	4.3	3.3	2.7	1.8	10.4	7.7	44.2	6.8	2508

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197	BAD TOLZ GERMANY AAF	65-70	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	100.0											.0	1
	03-05	11.1	5.8	2.1	6.6	3.7	2.1	2.9	4.1	10.7	6.2	44.9	6.9	243
	06-08	11.0	7.7	2.2	5.1	4.9	3.6	3.0	2.1	6.2	9.9	44.4	6.8	534
	09-11	9.8	9.8	2.3	5.1	3.0	3.4	3.2	3.4	9.0	10.3	40.9	6.8	533
	12-14	5.4	6.2	3.5	5.6	5.8	4.4	4.2	2.7	10.4	10.8	40.9	7.1	518
	15-17	5.7	4.7	2.0	5.1	6.9	4.3	5.9	3.3	8.1	16.1	37.9	7.2	491
	18-20	7.2	7.2	1.3	3.2	5.1	4.5	5.3	3.2	8.3	12.8	41.7	7.2	374
	21-23	20.0					13.3	6.7		6.7	6.7	46.7	6.9	15
TOTALS		21.3	6.2	1.7	3.8	3.7	4.5	3.9	2.4	7.4	9.1	37.2	6.1	2709

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 64-70 SEP
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	41.9			6.5	3.2		6.5	3.2	12.9	3.2	22.6	4.5	31
	03-05	19.9	3.4	3.4	7.6	5.5	4.2	6.4	3.0	4.7	4.7	37.3	5.9	236
	06-08	13.6	7.1	1.8	7.3	4.9	3.6	3.4	1.2	6.5	12.3	38.3	6.4	506
	09-11	14.6	7.2	2.8	7.6	3.8	4.0	2.1	4.0	7.6	8.1	38.3	6.3	528
	12-14	8.1	10.3	2.4	4.9	7.1	3.4	5.9	3.6	10.8	9.9	33.7	6.5	507
	15-17	8.4	10.1	2.1	5.2	6.7	4.3	3.2	4.1	10.1	10.7	35.2	6.5	466
	18-20	13.4	7.0	2.3	4.9	7.0	5.9	4.9	2.1	5.7	8.2	38.7	6.3	388
	21-23	33.3	9.1	10.6	1.5	4.5		1.5	4.5	3.0	1.5	30.3	4.3	66
TOTALS		19.2	6.8	3.2	5.7	5.3	3.2	4.2	3.2	7.7	7.3	34.3	5.8	2728

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 | BAD TOLZ GERMANY AAF | 65-70 | OCT
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	100.0											.0	2
	03-05	33.8	4.4	2.5	3.8	5.1	2.5	3.4	3.1	5.1	1.7	35.4	5.0	237
	06-08	18.2	7.5	2.2	6.4	3.7	2.2	2.4	3.7	5.8	8.1	39.7	6.1	534
	09-11	18.4	9.5	3.7	4.3	4.3	3.2	3.2	3.7	6.3	7.3	36.1	5.9	537
	12-14	18.1	9.5	3.2	5.9	6.5	3.4	1.9	3.4	5.7	7.4	35.0	5.7	526
	15-17	18.5	8.9	3.2	5.5	2.2	2.4	4.7	3.9	5.5	8.9	36.3	6.0	507
	18-20	27.5	4.9	1.6	4.4	7.5	4.2	4.4	1.8	4.9	4.9	33.8	5.3	385
	21-23	60.0			40.0								1.2	5
TOTALS		36.8	5.6	2.1	8.8	3.7	2.2	2.5	2.3	4.2	4.8	27.0	4.4	2733

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34197 BAD TOLZ GERMANY AAF 65-70

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05	20.7	1.1	.8	1.9	1.5		2.6	1.1	6.4	3.0	60.9	7.3	266
	06-08	9.4	5.1	1.1	2.1	3.4	1.7	2.6	.7	4.5	7.7	61.8	7.8	534
	09-11	6.6	4.9	.6	2.3	1.1	1.1	3.8	2.6	5.3	10.9	61.0	8.1	533
	12-14	3.7	5.8	1.9	2.1	2.2	2.2	2.8	3.0	5.8	9.0	61.4	8.2	534
	15-17	4.9	5.1	.2	2.4	3.4	2.6	2.6	2.4	5.6	8.4	62.4	8.2	534
	18-20	11.4	3.1	2.2	3.1	4.7	3.8	4.0	1.8	6.5	3.4	55.8	7.3	448
	21-23													
TOTALS		9.5	4.2	1.1	2.3	2.7	1.9	3.1	1.9	5.7	7.1	60.6	7.8	2847

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SKY COVER

34197 — STATION
BAD TOLZ GERMANY AAF — STATION NAME
65-70 — PERIOD
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02													
	03-05	17.7	1.4	2.3	5.0	.9	.9	.9	1.8	7.7	3.2	58.2	7.2	220
	06-08	9.5	3.0	1.4	2.6	4.4	2.4	3.8	1.8	5.4	5.2	60.6	7.7	503
	09-11	7.4	3.8	1.1	3.2	2.5	1.3	2.1	1.3	5.7	13.0	58.4	8.0	524
	12-14	8.9	2.9	.4	2.5	2.3	1.7	1.4	2.7	8.3	8.3	60.5	8.0	516
	15-17	6.0	4.3	.8	2.5	1.9	1.0	2.5	1.0	3.7	6.0	70.2	8.3	483
	18-20	11.1	2.8	.8	1.8	2.0	.8	2.5	.5	3.3	4.3	70.1	8.1	395
	21-23													
TOTALS		10.1	3.0	1.1	2.9	2.3	1.4	2.2	1.5	5.7	6.7	63.0	7.9	2641

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

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 presentation follows:

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

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature DATA NOT AVAILABLE

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   DATA NOT AVAILABLE
   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

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 months and annual, all hours and all 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 vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

   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 ($\overline{X}$), and standard deviations (σx). The number of observations used in the computations 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 tabulations 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 1953; 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 available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. 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.

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PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PAGE 1

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93													.0								1			
90/ 89											.0	.0	.0	.0							11	11		
88/ 87										.0	.0	.0	.0								1[illegible]			
86/ 85							.0		.0	.0	.0	.0									2[illegible]	2[illegible]		
84/ 83						.0	.0	.0	.1	.1	.0	.0	.0								57	[illegible]		
82/ 81						.0	.1	.1	.2	.1	.0	.0	.0								123	123		
80/ 79					.0	.0	.1	.2	.2	.1	.0	.0									203	203		
78/ 77					.0	.1	.2	.3	.1	.1	.0	.0									256	256		
76/ 75				.0	.1	.2	.4	.2	.1	.0	.0										33[illegible]	33[illegible]		
74/ 73				.0	.2	.4	.3	.2	.1	.0											42[illegible]	42[illegible]	[illegible]	
72/ 71			.0	.1	.3	.6	.4	.2	.1	.0	.0										567	567	[illegible]	
70/ 69			.0	.2	.5	.5	.4	.2	.1	.0											663	663	[illegible]	
68/ 67		.0	.2	.4	.7	.6	.3	.3	.1	.0											823	823	[illegible]	
66/ 65		.1	.3	.5	.8	.6	.3	.2	.1	.0											90[illegible]	90[illegible]	42[illegible]	4[illegible]
64/ 63		.1	.5	.6	.6	.5	.3	.2	.1	.0											983	983	974	145
62/ 61	.0	.3	.8	.8	.6	.4	.3	.2	.0	.0											1088	1088	[illegible]	29[illegible]
60/ 59	.0	.6	.8	.8	.6	.4	.3	.1	.0												1158	1158	1[illegible]	5[illegible]
58/ 57	.2	1.2	.9	.7	.6	.5	.1	.0	.0	.0											1372	1372	[illegible]	[illegible]
56/ 55	.3	1.4	.8	.7	.6	.4	.2	.0													1465	1465	[illegible]	[illegible]
54/ 53	.4	1.3	1.[illegible]	.8	.4	.3	.1	.0													1432	1432	17[illegible]	1657
52/ 51	.3	1.4	1.[illegible]	.6	.4	.2	.0	.0													1334	1334	1543	595
50/ 49	.5	1.6	1.1	.6	.4	.2	.0	.0													1479	1479	1753	1[illegible]
48/ 47	.7	1.5	1.[illegible]	.5	.4	.1	.0														1403	1403	1654	62[illegible]
46/ 45	.6	1.5	1.2	.7	.2	.1	.0														1431	1431	1602	17[illegible]
44/ 43	.5	1.6	1.[illegible]	.7	.2	.0	.0														1326	1326	143[illegible]	1519
42/ 41	.5	1.7	1.2	.5	.1	.0															1286	1286	[illegible]47[illegible]	1481
40/ 39	.6	1.8	1.4	.4	.1	.0															1417	1417	15[illegible]6	16[illegible]
38/ 37	.5	2.0	1.3	.2	.0																1386	1386	1591	1485
36/ 35	.8	2.7	1.1	.1	.0																1547	1547	1[illegible]9[illegible]	161[illegible]
34/ 33	1.5	2.7	.7	.1	.0																1643	1643	20[illegible]5	1943
32/ 31	1.7	2.4	.4	.0																	150[illegible]	15[illegible]5	172[illegible]	2471
30/ 29	1.4	1.8	.3	.0																	1200	1200	151[illegible]	1857
28/ 27	1.6	1.5	.2																		1080	1080	1173	1371
26/ 25	1.0	1.0	.1																		705	705	759	724

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-73 YEARS — MONTH

Page 2

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 DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23	.9	.8	.1															67	67	[illegible]	[illegible]
22/ 21	.7	.8	.															429	429	[illegible]	[illegible]
20/ 19	.6	.4	.															365	[illegible]		
18/ 17	.6	.3	.															294	29[illegible]	[illegible]	447
16/ 15	.4	.2	.0															193	2[illegible]	[illegible]	4[illegible]
14/ 13	.3	.1																142	144	[illegible]	2
12/ 11	.2	.2																117	127	[illegible]	1[illegible]
10/ 9	.2	.1																115	12[illegible]	[illegible]	14[illegible]
8/ 7	.1	.1																66	[illegible]	[illegible]	1[illegible]
6/ 5	.1	.1																64	[illegible]	[illegible]	1[illegible]
4/ 3	.1	.0																35	[illegible]	4	7[illegible]
2/ 1	.1	.0																23	[illegible]	2[illegible]	4[illegible]
0/ -1	.1																	22	[illegible]	2[illegible]	[illegible]
-2/ -3	.0	.0																13	[illegible]	[illegible]	2[illegible]
-4/ -5	.0																	1[illegible]	[illegible]	[illegible]	[illegible]
-6/ -7	.0																	[illegible]	[illegible]		[illegible]
-8/ -9	.0																	[illegible]	[illegible]		[illegible]
-10/-11	.0																	3	[illegible]		[illegible]
-12/-13	.0																	1	[illegible]		[illegible]
-14/-15																					[illegible]
-16/-17																					[illegible]
TOTAL	17.8	33.1	17.4	10.0	7.6	5.8	3.9	2.3	1.3	.5	.2	.1	.0	.0					33247		[illegible]
																		33192		[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	208083723	2567233	77,3	16,937	33192							
Dry Bulb	78542408	1528260	46,0	15,794	33247	20,0	1860,0	974,0	411,0	97,4	,3	[illegible]
Wet Bulb	64765322	1400546	42,2	13,069	33192	17,8	2162,3	79,9	,6			[illegible]
Dew Point	54505789	1276713	38,5	12,752	33192	46,6	3018,2	2,7				8768

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 BAD TOLZ GERMANY AAF 65-70

STATION STATION NAME YEARS MONTH

DATE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB 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					
56/ 55						.1	.0												3	3		
54/ 53						.1													2	2		
52/ 51					.2	.2													3			
50/ 49				.1	.4														13	13		
48/ 47			.2	.3	.5	.0													24	24		
46/ 45		.0	.5	.6	.2														33	33	2	
44/ 43		.2	.7	1.2	.1														52	52	2[illegible]	1
42/ 41		.1	1.4	.8	.1														62	62	4[illegible]	1
40/ 39		1.6	2.[illegible]	.8	.0														110	11[illegible]	9[illegible]	7
38/ 37	.2	2.4	2.9	.3															148	14[illegible]	12[illegible]	24
36/ 35	1.1	6.6	2.5	.2	.0														261	261	194	12[illegible]
34/ 33	4.0	6.9	1.2	.2															308	30[illegible]	3[illegible]9	212
32/ 31	3.6	3.7	1.2	.1															215	21[illegible]	27[illegible]	3[illegible]3
30/ 29	3.0	4.1	.6																194	194	23[illegible]	2[illegible]4
28/ 27	3.5	3.1	.7																185	185	19[illegible]	2[illegible]5
26/ 25	2.9	2.8	.1																147	147	172	2[illegible]4
24/ 23	2.8	2.3	.2																136	136	162	19[illegible]
22/ 21	2.7	1.2	.2																97	97	11[illegible]	1[illegible]2
20/ 19	2.4	1.6	.0																102	1[illegible]7	92	116
18/ 17	2.4	1.1	.2																90	92	9[illegible]	112
16/ 15	2.0	.8	.1																72	73	82	96
14/ 13	1.5	.6																	53	55	54	71
12/ 11	.9	.9																	44	51	47	62
10/ 9	1.0	.8																	44	48	49	62
8/ 7	.4	.4																	22	23	26	36
6/ 5	.6	.5																	28	28	29	37
4/ 3	.5	.2																	18	20	2[illegible]	27
2/ 1	.2																		6	6	9	14
0/ -1	.4																		9	12	9	26
-2/ -3	.3	.0																	8	10	7	18
-4/ -5	.2																		6	7	7	16
-6/ -7	.2																		6	7	5	9
-8/ -9	.2																		5	5	5	7
-10/ [illegible]	.1																		3	3	3	6

Element (x)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED N. VIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 63-7[illegible] YEARS | MONTH

DATE 2 HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	.9																	1	2		
-14/-15																					
-16/-17																					
TOTAL	37.4	41.9	14.4	4.5	1.4	.4	.0											2547			251
																	2515				

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.	18136265	211477	34,1	11,866	2515							
Dry Bulb	2297189	71689	28,1	10,476	2547	13,4	444,9					744
Wet Bulb	2045962	67790	27,0	9,328	2515	11,2	499,6					744
Dew Point	1676639	60173	23,9	9,709	2515	26,6	633,7					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

HOURS L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 65										.0								1				
64/ 63									.2									4				
62/ 61								.2										1				
60/ 59							.0	.0										2				
58/ 57						.1	.2	.1										11				
56/ 55					.1	.3	.4	.1										20				
54/ 53					.2	.5	.2	.2										26				
52/ 51		.0	.1	.2	.5	.3												26				
50/ 49				.5	.6	.1												29				
48/ 47			.3	.8	.4													36				
46/ 45		.2	1.2	.9	.3	.0	.0											66				
44/ 43		1.4	1.4	1.7	.4	.1												123				
42/ 41	.0	1.8	2.1	.7	.2	.0												118				
40/ 39	.2	2.7	3.1	.9	.3													176				
38/ 37	.4	3.2	2.7	.7	.2													173				
36/ 35	1.1	4.9	2.8	.4	.0													225				
34/ 33	1.8	5.8	1.7	.2														231				
32/ 31	2.2	4.5	1.2	.1														195				
30/ 29	2.5	3.6	1.2	.1														179				
28/ 27	2.4	3.1	1.1															160				
26/ 25	1.7	3.2	.7															135				
24/ 23	2.0	2.6	.5															122				
22/ 21	1.7	2.1	.1															95				
20/ 19	1.9	1.9	.0															92				
18/ 17	1.4	1.0																57				
16/ 15	.7	.7																33				
14/ 13	.4	.4																18				
12/ 11	.4	.3																17				
10/ 9	.6	.2																20				
8/ 7	.4	.0																10				
6/ 5	.2	.1																8				
4/ 3	.2	.0																6				
2/ 1	.3																	5				
0/ -1	.2																	5				

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34107 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3		.0																1	1		
-4/ -5																					
-10/-11																					
TOTAL	22.5	43.9	20.2	7.2	3.1	1.5	.9	.5	.2	.0									2431		2426
																		2424		2434	

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.	15901923	193345	79.7	14.257	2426							
Dry Bulb	2798478	78846	32.4	9.963	2431	1.7	321.5					672
Wet Bulb	2386525	73339	30.2	8.359	2426	1.7	378.4					672
Dew Point	1863781	64075	26.4	8.408	2426	5.8	513.3					672

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71										.0								1	1		
70/ 69										.1								2	2		
68/ 67								.1	.1									5	5		
66/ 65							.0	.2	.1									10	10		
64/ 63							.1	.4	.1									17	17		
62/ 61							.4	.1	.0									16	16		
60/ 59					.0	.1	.4	.1										17	17		
58/ 57					.1	.2	.1			.0								12	12		
56/ 55				.0	.4	.6	.4	.1										48	48	1	
54/ 53			.0	.2	.4	.9	.4	.1										61	61	7	
52/ 51			.1	.3	.3	1.0	.3	.1										66	66	21	
50/ 49			.4	.6	1.1	.9	.2	.0										96	96	32	
48/ 47		.1	.6	.8	1.6	.4	.1											106	106	49	1
46/ 45		.6	1.1	1.3	.8	.4												123	123	7	2
44/ 43	.2	1.3	1.2	1.3	1.1	.1	.0											155	155	122	32
42/ 41	.2	1.2	2.3	1.6	.4	.0												175	175	189	57
40/ 39	.4	1.8	3.0	.9	.1	.0												184	184	218	126
38/ 37	.4	3.5	2.6	1.1	.2													233	233	245	124
36/ 35	1.3	5.1	2.1	.6	.1													273	273	333	216
34/ 33	2.7	4.7	1.7	.4	.1													284	284	352	321
32/ 31	3.5	6.2	1.1	.1														325	325	341	479
30/ 29	3.2	4.4	1.0	.0														257	257	351	382
28/ 27	3.4	2.5	.4															186	186	243	333
26/ 25	2.1	1.7	.3															124	124	157	279
24/ 23	1.1	1.3	.2															78	78	88	216
22/ 21	1.0	.3	.0															40	40	68	14
20/ 19	.6	.2	.0															23	23	28	94
18/ 17	.3	.1																11	11	13	52
16/ 15	.3	.2																14	14	13	41
14/ 13	.0	.2																9	9	7	29
12/ 11	.1	.2																10	10	12	11
10/ 9		.1																3	3	6	19
8/ 7		.2																5	5	3	6
6/ 5		.1																2	2	3	7

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | 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/ 3		.0																	1	1	3	4
2/ 1		.0																	1	1	1	3
0/ -1																						5
-2/ -3																						1
-4/ -5																						4
-6/ -7																						1
TOTAL	20.7	36.0	18.4	9.2	6.9	4.6	2.5	1.1	.3	.1										2974		2974
																		2974				

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.	18456536	228284	76,8	17,720	2974							
Dry Bulb	4260921	108941	36,6	9,535	2974		272,4	2,3				744
Wet Bulb	3497851	99747	33,5	7,159	2974		334,2					744
Dew Point	2663481	86711	29,2	6,746	2974	2,8	524,1					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — 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 OBS	TOTAL Dr. Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81												.0							1	1		
80/ 79											.0								1	1		
78/ 77										.1	.1	.0							6	6		
76/ 75										.2	.1								11	11		
74/ 73									.2	.1									9	9		
72/ 71								.1	.1		.0								7	7		
70/ 69							.2	.2	.2	.1									21	21		
68/ 67						.1	.2	.3	.1	.1									23	23		
66/ 65						.2	.3	.4	.4	.1									39	39		
64/ 63				.0	.1	.2	.5	.6	.5	.1									63	63		
62/ 61				.2	.2	.6	.9	.6	.3	.1									86	86		
60/ 59			.0	.3	.4	1.0	1.0	.5	.1										98	98	6	
58/ 57		.1	.6	.4	.9	1.0	.6	.3	.1										114	114	36	
56/ 55		.2	.3	.5	1.5	1.1	.8	.2											135	135	45	
54/ 53		.3	.3	1.1	.7	.8	.2												103	103	71	4
52/ 51	.1	.6	.7	1.2	1.1	.6	.1												135	135	11[illegible]	[illegible]
50/ 49	.1	1.1	2.1	1.5	1.0	.5	.1												197	197	176	46
48/ 47	.6	1.5	2.0	1.0	1.3	.4	.1												208	208	273	95
46/ 45	.5	2.2	1.9	1.8	.5	.1													213	213	256	124
44/ 43	.2	3.2	2.1	1.8	.5														237	237	257	179
42/ 41	.2	3.1	2.0	1.1	.3														207	207	266	249
40/ 39	.6	2.8	2.5	.8	.2														210	210	276	303
38/ 37	.7	2.6	2.2	.4															179	179	265	261
36/ 35	.6	3.7	1.5	.1															160	180	232	271
34/ 33	2.4	4.1	.8																221	221	282	347
32/ 31	2.1	3.1	.3																165	165	225	354
30/ 29	1.2	1.3	.2																82	82	145	289
28/ 27	1.1	.7																	56	56	72	183
26/ 25	.3	.4																	19	19	30	137
24/ 23	.2	.1																	7	7	9	75
22/ 21	.2	.0																	7	7	7	28
20/ 19	.0																		1	1	2	13
18/ 17	.1	.1																	4	4	4	3
16/ 15																						2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

 — LL 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
14/ 13 TOTAL	11.2	31.2	19.4	12.1	8.6	6.3	3.0	3.0	2.0	.9	.3	.1						3045	3045		

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.	17158649	220965	72.6	19.216	3045							
Dry Bulb	6489675	136873	45.0	10.528	3045		80.6	18.7	6.6	.2		72
Wet Bulb	3142823	123077	40.4	7.432	3045		116.8					72
Dew Point	3971877	108035	35.5	6.754	3045		264.8					72

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB WB	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					
84/ 83													.0						1	1		
82/ 81									.1	.0	.1	.0	.0									
80/ 79								.1	.1			.0							4	4		
78/ 77						.0		.1	.1	.0									9	9		
76/ 75							.1	.4	.1	.2	.1								24	24		
74/ 73							.2	.6	.4	.4									44	44		
72/ 71						.1	.6	.8	.8	.3									71	71		
70/ 69					.2	.5	.6	.5	.5	.2									72	72		
68/ 67			.1	.2	.3	1.1	.5	.8	.4	.1									96	96	1	
66/ 65			.1	.1	.4	1.3	.6	.8	.1										96	96	3	
64/ 63			.1	.4	1.1	1.1	.9	.8											122	122	2	1
62/ 61			.1	.4	1.2	1.3	.9	.4											124	124	3	-
60/ 59			.2	.7	1.3	1.2	.5	.0											115	115	74	-
58/ 57		.2	.7	1.2	1.7	1.9	.3	.0											169	169	124	11
56/ 55	.0	.7	1.4	2.0	2.1	.8	.1	.1											201	201	17	3
54/ 53	.2	1.0	1.8	3.2	1.3	.5	.1												228	228	249	52
52/ 51	.3	1.7	2.8	1.8	1.1	.3													226	226	249	121
50/ 49	.8	3.2	2.8	1.4	.5														246	246	352	25
48/ 47	.9	3.8	2.6	.7	.2	.0													230	230	391	245
46/ 45	.2	3.8	2.3	.7															201	201	327	331
44/ 43	.3	3.3	1.0	.3															138	138	268	374
42/ 41	.5	3.8	.7	.0															143	143	280	374
40/ 39	.7	2.5	.4																101	101	166	352
38/ 37	.6	1.5	.3																65	65	103	257
36/ 35	.4	.9																	34	34	54	164
34/ 33	.7	.3	.1																30	30	44	109
32/ 31	.1	.1																	7	7	7	42
30/ 29	.1	.1																	5	5	7	15
28/ 27	.0																		1	1	3	3
26/ 25																						5
24/ 23																						3
TOTAL	5.9	26.8	17.6	13.3	11.4	10.1	5.4	5.4	2.6	1.3	.2	.1	.1							2813		2813
																			2813		2813	

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.	15088316	199320	70.9	18.526	2813							
Dry Bulb	8268468	149960	53.3	9.874	2813		3.4	81.3	24.3	3.2		744
Wet Bulb	6526732	134278	47.7	6.450	2813		4.3	.3				744
Dew Point	5287473	120873	43.0	5.770	2813		23.3					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-7[illegible] YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1	.0					4	4		
88/ 87											.1	.1						4	4		
86/ 85										.1	.2	.0						9	9		
84/ 83								.0	.2	.3	.2							19	19		
82/ 81							.0	.2	.8	.2	.1							33	33		
80/ 79							.3	.9	.5	.2	.2							57	57		
78/ 77						.1	.9	1.3	.3	.3	.0							79	79		
76/ 75					.1	.3	1.6	1.0	.5	.1	.0							94	94		
74/ 73				.2	.4	1.1	1.5	1.0	.3									119	119		
72/ 71				.4	.7	1.9	1.6	.5	.2									138	138		
70/ 69				.5	1.0	1.6	.9	.5	.1	.0								121	121	4	
68/ 67			.2	.8	1.9	1.3	1.1	.7	.0									160	15[illegible]	4[illegible]	
66/ 65			.5	.9	1.7	1.1	.7	.2										134	134	[illegible]37	[illegible]
64/ 63		.2	1.1	1.6	1.4	1.1	.6	.1										160	16[illegible]	171	[illegible]
62/ 61		.5	1.6	1.7	1.1	.5	.2											149	149	217	44
60/ 59	.0	.6	1.6	2.1	1.0	.3	.2											156	156	247	123
58/ 57	.1	2.1	2.4	1.0	.8	.3												175	175	231	196
56/ 55	.2	2.2	1.7	1.2	.3	.2												151	151	271	29
54/ 53	.4	2.9	2.1	1.0	.3	.1												179	179	275	29
52/ 51	.2	2.9	2.0	.6	.2													155	155	197	329
50/ 49	.6	2.8	1.8	.3	.0													147	147	217	31
48/ 47	.5	2.7	1.1	.0														116	116	181	242
46/ 45	1.3	2.6	.4															114	114	169	261
44/ 43	.8	1.9	.2															76	76	123	205
42/ 41	.7	.9																43	43	67	142
40/ 39	.4	.3	.0															19	19	25	92
38/ 37	.4	.1	.0															14	14	16	53
36/ 35		.0																1	1	3	12
34/ 33		.0																1	1	1	2
32/ 31																				1	2
30/ 29																					1
TOTAL	5.7	22.9	16.7	12.5	11.0	9.8	9.6	6.4	3.0	1.2	.9	.2	.0						2627		2627
																		2627		2627	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	14046416	186422	71.0	17.641	2627
Dry Bulb	9950485	159190	60.6	10.759	2627
Wet Bulb	7887816	142782	54.4	6.964	2627
Dew Point	6684442	131586	50.1	5.961	2627

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			229.4	114.6	26.3		72
Wet Bulb		.3	13.4				72
Dew Point		.8					72

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

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 DB W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
90/ 89														.0					1	1		
88/ 87											.1		.1						4	4		
86/ 85							.0		.2	.1	.2								12	12		
84/ 83						.0	.1	.2	.3	.2	.2	.1							3[illegible]	[illegible]		
82/ 81						.0	.6	.5	.6	.2	.1								50	[illegible]		
80/ 79					.0	.2	1.0	.9	1.1	.2	.1								89	89		
78/ 77					.1	1.0	.9	1.0	.6	.1									93	93		
76/ 75				.1	.4	1.1	1.8	.5	.2	.0									106	1[illegible]		
74/ 73				.2	.9	2.0	1.0	.4	.2										11[illegible]	1[illegible]	[illegible]	
72/ 71			.1	.7	1.[illegible]	2.3	.5	.4	.0										13[illegible]	13[illegible]	[illegible]	
70/ 69			.1	1.3	2.7	1.6	1.0	.1	.0										173	173	47	
68/ 67		.0	.9	1.6	2.1	1.7	.7	.1											181	1[illegible]	1[illegible]	
66/ 65		.3	1.7	1.7	1.8	1.2	.3	.0											178	17[illegible]	[illegible]32	32
64/ 63		.7	2.2	1.3	1.6	.6	.2												162	162	264	[illegible]
62/ 61	.0	1.4	2.1	1.7	1.2	.4	.0												172	172	31[illegible]	131
60/ 59	.1	2.1	1.9	2.0	.9	.2													179	179	24[illegible]	241
58/ 57	.9	3.0	1.5	1.0	.3	.1													171	171	28[illegible]	371
56/ 55	.5	2.7	1.5	.7	.2	.0													14[illegible]	14[illegible]	26	3[illegible]
54/ 53	.7	2.8	1.6	.4	.1														141	141	235	276
52/ 51	.3	2.3	2.0	.2	.0														122	122	161	247
50/ 49	.7	2.2	.7																91	91	15[illegible]	294
48/ 47	1.0	1.7	.2																73	73	137	192
46/ 45	.8	1.1	.1																5[illegible]	5[illegible]	7[illegible]	1[illegible]
44/ 43	.4	.6	.0																26	26	37	97
42/ 41	.2	.0																	6	6	12	45
40/ 39																					[illegible]	[illegible]
38/ 37																						[illegible]
TOTAL	5.6	21.0	16.5	13.3	13.7	12.6	8.2	4.1	3.3	.7	.6	.1	.1	.0						2514		2514
																		2514		2514		

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.	13766197	181319	72.1	16.532	2514							
Dry Bulb	10393975	159777	63.6	9.760	2514			294.5	148.9	39.1		744
Wet Bulb	8389447	144351	57.4	6.339	2514			46.5	.6			744
Dew Point	7286811	134621	53.5	5.573	2514			2.4				744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93													.0					1			
90/ 89											.1	.0	.0					6	6		
88/ 87										.0	.2	.1	.0					1	1		
86/ 85									.1	.1	.2	.1						14	14		
84/ 83									.1	.1	.2	.0						14	14		
82/ 81							.1	.1	.4	.2								22	22		
80/ 79						.0	.3	.4	.3	.1								31	31		
78/ 77					.0	.3	.4	.6	.2	.2								47	47		
76/ 75					.1	.6	.9	.4	.3									63	63		
74/ 73				.1	.6	1.1	.9	.4	.3									88	88		
72/ 71			.1	.4	.8	1.7	1.1	.2	.1									113	113		
70/ 69			.2	.8	1.5	1.8	.9	.4										151	151	14	
68/ 67		.0	.5	1.2	2.0	1.7	.6	.1										166	166	34	
66/ 65		.2	1.1	1.3	2.0	1.0	.6	.0										158	158	124	13
64/ 63		.6	1.8	2.0	1.2	.6	.2	.1										176	176	157	24
62/ 61	.1	1.3	2.5	1.9	.7	.6	.0	.0										195	195	224	57
60/ 59	.3	2.7	3.0	1.8	.7	.2	.0											233	233	293	172
58/ 57	.8	4.5	1.7	1.7	.4	.0												250	250	344	218
56/ 55	1.7	5.6	1.5	1.0	.1													273	273	335	319
54/ 53	1.6	3.9	1.9	.3	.1													211	211	314	4-
52/ 51	1.5	2.7	.8	.2														142	142	267	342
50/ 49	.8	2.8	.8	.1														125	125	174	325
48/ 47	1.7	2.1	.1															107	107	159	235
46/ 45	.8	1.1																53	53	83	191
44/ 43	.4	.6																26	26	42	84
42/ 41	.2	.2																10	10	17	53
40/ 39	.1	.2																9	9	7	17
38/ 37	.1																	2	2	4	9
36/ 35	.0																	1	1	1	3
TOTAL	10.2	28.5	16.3	12.7	10.2	9.6	6.1	2.7	1.7	.8	.8	.3	.1						2712		2712
																	2712			2712	

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.	16572837	206925	76.3	17.011	2712							
Dry Bulb	10261677	164977	60.8	9.126	2712			200.5	81.2	22.8	.3	744
Wet Bulb	8535301	151339	55.8	5.764	2712			18.4				744
Dew Point	7537373	142323	52.5	5.023	2712							744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 54-70 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.1											
82/ 81								.0	.1	.1	.0										
80/ 79								.2	.3	.1	.0							19			
78/ 77							.3	.3	.1												
76/ 75				.0	.0	.0	.5	.2	.1									25	25		
74/ 73				.0	.2	.4	.3	.4	.1	.1								4			
72/ 71				.2	.4	.9	.5	.1	.1	.0								61			
70/ 69			.0	.3	.8	1.1	.5	.1	.0									79	79		
68/ 67			.2	.6	1.8	1.2	.3	.0										116	116	4	
66/ 65		.2	.5	1.3	2.3	1.2	.3	.0										159	159	43	
64/ 63		.2	.8	2.2	1.2	1.2	.1	.0										135	135	72	7
62/ 61	.0	.8	2.2	1.9	1.8	.4	.0	.1										199	199	138	4
60/ 59	.2	1.3	2.2	1.6	1.4	.4	.1											197	197	211	41
58/ 57	.8	3.7	2.2	1.8	1.2	.3												275	275	293	143
56/ 55	.9	3.9	2.3	1.7	.5		.0											233	233	333	271
54/ 53	1.1	3.0	2.5	1.4	.2	.0												224	224	322	373
52/ 51	1.4	3.3	2.1	.6														200	200	271	313
50/ 49	1.8	4.0	1.6	.4														215	215	3 4	34
48/ 47	2.6	3.1	1.0	.1														186	186	297	38
46/ 45	2.4	2.0	.4															131	131	193	322
44/ 43	1.5	1.4	.0															79	79	124	2 2
42/ 41	.8	.4																33	33	53	14
40/ 39	.4	.2	.0															18	18	18	65
38/ 37	.4	.1	.0															15	15	17	29
36/ 35	.1	.1																7	7	10	11
34/ 33	.2	.0																8	8	1	12
32/ 31	.1	.0																4	4	4	
30/ 29																					1
TOTAL	14.7	27.8	18.2	14.2	11.9	7.1	3.1	1.5	.8	.5	.1							2730	273	273	273

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs.
Rel. Hum.	17670339	215373	78.9	15.777	2730
Dry Bulb	9011438	155064	56.8	8.642	2730
Wet Bulb	7667247	143729	52.6	6.060	2730
Dew Point	6613704	135564	49.7	5.481	2730

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.		1.1	97.6	30.1	5.8		72
Dry Bulb		1.1	1.3				72
Wet Bulb		2.4	.3				72
Dew Point							

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PAGE 1

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.1	.0	.0								4	4		
76/ 75								.2	.0	.0									7	7		
74/ 73							.1	.2	.1										1	1		
72/ 71						.1	.2	.3	.2										3	3		
70/ 69					.0	.3	.5	.3	.2										4	4		
68/ 67				.2	.2	.6	.5	.6	.1										53	53		
66/ 65			.1	.4	1.0	.9	.9	.7	.1	.1									111	111		
64/ 63			.4	.4	.9	1.0	.6	.1	.1										108	108		
62/ 61		.0	.9	1.3	.9	.5	.3	.2	.1										125	125	27	1
60/ 59		.3	1.0	1.0	1.0	.7	.3	.1	.0										130	130	73	4
58/ 57	.1	.8	1.8	.7	1.0	.6	.2	.0											153	153	144	41
56/ 55	.3	1.6	1.5	1.3	1.1	.5	.3												189	189	208	62
54/ 53	.6	2.2	2.2	1.4	.4	.3	.0												211	211	244	144
52/ 51	.5	3.0	1.4	.9	.5	.2													191	191	231	218
50/ 49	1.0	3.4	1.5	1.2	.3	.1													221	221	254	317
48/ 47	1.2	2.4	1.8	.7	.3														167	167	224	298
46/ 45	1.5	2.6	2.4	.8	.3														208	208	232	257
44/ 43	1.2	2.8	1.3	.4	.1														179	179	217	218
42/ 41	1.4	3.2	1.3	.0															167	167	224	255
40/ 39	1.7	2.5	.3	.3	.1														171	171	212	274
38/ 37	1.7	3.1	.6	.0															161	161	165	242
36/ 35	1.0	2.2	.4																103	103	164	177
34/ 33	1.2	1.2	.1																71	71	113	224
32/ 31	.9	.7																	47	47	65	124
30/ 29	.4	.5																	29	29	32	84
28/ 27	.3	.1																	20	20	24	38
26/ 25	.1	.1																	6	6	12	17
24/ 23	.0																		1	1	1	14
22/ 21																						2
20/ 19																						2
TOTAL	15.2	38.1	19.7	10.0	7.5	6.1	3.8	2.5	1.1	.1	.0									2935		2935
																		2933			2935	

Element (X)	Σx	Σx²	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	189424	229797	78.3	17.024	2935							
Dry Bulb	75666.7	146185	49.8	10.208	2935		26.1	39.0	5.3			744
Wet Bulb	63785.6	134890	46.0	7.813	2935		34.0					744
Dew Point	54707.3	124799	42.5	7.480	2935		72.0					744

USAFETAC FORM 0-23-5 (OL-A) REVISED. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PAGE 1 — HOURS (GMT)

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1	.0								3	3		
70/ 69								.0	.1									4	4		
68/ 67							.1	.2	.0	.0								12	12		
66/ 65						.0	.1	.2	.0									12	12		
64/ 63						.1	.5	.2		.0								24	24		
62/ 61				.0	.0	.1	.3	.2	.0									21	21		
60/ 59					.1	.4	.4	.0										31	31		
58/ 57				.1	.4	.7	.2	.0										42	42	1	
56/ 55			.1	.3	.6	.5	.1											44	44	1	
54/ 53			.1	.4	.7	.2	.1											44	44	22	
52/ 51		.2	.3	1.0	.5	.1												60	59	33	
50/ 49	.0	.1	.8	1.2	.8	.1												91	91	6	4
48/ 47	.1	.3	1.5	.8	.3	.0												123	119	9	14
46/ 45	.2	1.8	2.9	1.4	.4	.1												206	204	157	43
44/ 43	.6	2.2	2.0	1.0	.2													181	181	18	121
42/ 41	1.0	3.6	2.3	.6	.1													229	229	232	144
40/ 39	1.8	4.6	1.9	.3														260	260	324	241
38/ 37	1.9	4.0	1.8	.2														240	240	297	312
36/ 35	2.9	5.1	1.0	.1														275	273	324	342
34/ 33	2.8	3.8	1.0	.0														232	232	301	342
32/ 31	4.0	4.1	.5															263	263	254	
30/ 29	3.0	2.5	.4															180	180	252	
28/ 27	3.7	2.7	.2															202	202	197	
26/ 25	1.6	1.7	.1															102	102	117	183
24/ 23	.5	1.8	.1															73	73	87	102
22/ 21	.7	.5																37	37	53	102
20/ 19	.6	.2																24	26	23	72
18/ 17	.3	.1																11	11	14	3
16/ 15	.1	.1																6	6	7	15
14/ 13		.1																2	2	2	7
12/ 11	.0	.1																5	7	2	11
10/ 9	.2	.0																7	7	10	3
8/ 7	.0	.0																2	2	1	7
6/ 5	.0	.0																2	2	3	5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 BAD TOLZ GERMANY AAF 64-70
STATION STATION NAME YEARS MONTH

DATE 2 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/ 3																		2	2		
2/ 1																					
0/ -1																					
TOTAL	26.2	40.2	16.8	7.4	4.1	2.2	1.9	.9	.3	.1								304	3,44	4	4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21306723	250231	82,3	15,280	3040							
Dry Bulb	4682021	115627	38,0	9,761	3044		218,1	4.5				72
Wet Bulb	4026184	108150	35,6	7,658	3040		244,7					72
Dew Point	3362219	98819	32.5	7,025	3040	.2	341.5					72

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

HOURS EST

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥ 31	TOTAL D.B	TOTAL W.B	Dry Bulb	Wet Bulb	Dew Point
54/ 53				.0	.1														2	2			
52/ 51			.1																3	3			
50/ 49			.1	.1	.1														6				
48/ 47			.1	.3	.2	.1													21	21			
46/ 45			.3	.2	.5	.0													33	33			
44/ 43		.3	1.0	.4	.1														55	55			
42/ 41	.1	.9	1.8	.4	.1														93	93			
40/ 39	.2	2.4	2.1	.7	.1														159	159			
38/ 37	.3	2.6	2.3	.2															156	156			
36/ 35	.3	3.4	2.5	.3															187	187			
34/ 33	2.1	5.0	1.7	.1															257	257			
32/ 31	3.1	5.9	.9																284	284			
30/ 29	3.6	5.4	.6																274	274			
28/ 27	3.9	5.1	.4																270	270			
26/ 25	3.3	2.7	.1																172	172			
24/ 23	4.1	2.2	.1																185	185			
22/ 21	2.8	2.3	.2																153	153			
20/ 19	2.4	1.8	.1																123	123			
18/ 17	2.8	1.4	.0																121	123			
16/ 15	2.0	.6																	73	75			
14/ 13	1.6	.5																	60	60			
12/ 11	.9	.5																	41	42			
10/ 9	1.1	.3																	42	42			
8/ 7	.8	.1																	27	27			
6/ 5	.7	.1																	24	25			
4/ 3	.2	.1																	8	8			
2/ 1	.4																		11	12			
0/ -1	.3																		8	8			
-2/ -3	.1																		4	4			
-4/ -5	.1																		4	4			
-6/ -7	.1																		2	2			
-8/ -9	.0																		1	1			
-10/-11																							
-12/-13																							

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-72 YEARS | MONTH

PAGE 2

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31					
TOTAL	37.7	43.4	14.8	2.8	1.2	.1													2861			

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.	21139211	242775	85.2	11.344	2861							
Dry Bulb	2541061	81131	28.2	9.356	2875	4.9	491.9					744
Wet Bulb	2281118	77074	26.9	8.462	2861	4.9	548.7					744
Dew Point	1887276	69134	24.2	8.705	2861	11.2	642.3					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 69 YEARS | MONTH

HOURS (L. S. T.) - 2

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
36/ 35		.0																2	2		
34/ 33																				2	2
TOTAL		.0																2	2	2	2

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.	16928	184	92.0		2							
Dry Bulb	2521	71	35.5		2							93
Wet Bulb	2381	69	34.5		2							93
Dew Point	2245	67	33.5		2							93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS — MONTH

PAGE 1 — 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45		.4																		1	1		
44/ 43		.4	.4																	2	2		
42/ 41			.4																	1	1		1
40/ 39		.4	1.8																	4	5		
38/ 37	1.3	1.3	1.8																	1	1		4
36/ 35	.9	8.0																		2	2	1	
34/ 33	4.9	3.6		.4																2	2	3	
32/ 31	4.4	4.0	.4																	2	2	1	
30/ 29	4.0	4.9																		2	2	1	1
28/ 27	5.3	4.9																		2	2	2	1
26/ 25	4.9	.9																		1	1	1	2
24/ 23	3.6	1.3																		1	1	1	2
22/ 21	3.6	.4																		9	9	1	
20/ 19	3.6	.4																		9	9	9	7
18/ 17	6.7	.9																		1	1	1	
16/ 15	4.4	1.8																		1	1	1	1
14/ 13	2.2																			5	5	7	9
12/ 11	.9	.9																		4	4	2	4
10/ 9	.9	.4																		3	3	5	6
8/ 7	.9	.9																		4	4	2	3
6/ 5	.4	.4																		2	2	3	3
4/ 3	1.8																			4	4	4	1
2/ 1	.4																			1	1	1	1
0/ -1	.4																			1	2	1	5
-2/ -3	.4																			1	1	1	4
-4/ -5	1.3																			3	3	3	
-6/ -7																							1
-8/ -9	.4																			1	1	1	3
-12/-13	.4																			1	1	1	1
-16/-17																							1
TOTAL	58.2	36.4	4.9	.4																	226		225
																				225		225	

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.	1809844	20096	89.3	8.172	225							
Dry Bulb	165019	5619	24.9	10.607	226	3.3	68.7					93
Wet Bulb	156099	5475	24.3	10.105	225	2.9	69.9					93
Dew Point	137299	4995	22.2	10.858	225	6.2	81.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 BAD TOLZ GERMANY AAF 65-7(
STATION STATION NAME YEARS MONTH

2400 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B	W B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45			.2	.5														3	3			
44/ 43		.5		.5														4	4			
42/ 41		.5	.5															4	4			
40/ 39		.9	1.1															9	9			
38/ 37	.5	2.1	1.6															14	12	11		7
36/ 35	.7	5.0	.9															20	20	23		
34/ 33	4.3	6.4																47	47	35		31
32/ 31	4.3	4.3	1.4															44	44	4		49
30/ 29	2.3	5.0																32	32	33		4
28/ 27	6.4	2.5																39	39	47		35
26/ 25	3.9	1.8																25	25	25		3
24/ 23	3.2	1.8																22	22	28		34
22/ 21	3.2	.5																16	16	19		31
20/ 19	5.0	2.3																32	33	21		23
18/ 17	4.6	1.6																27	28	24		21
16/ 15	3.6	.5																18	16	23		26
14/ 13	2.1	.7																12	12	9		22
12/ 11	1.8	1.4																14	15	12		13
10/ 9	1.1	.9																9	9	13		17
8/ 7	.7	.2																4	4	4		5
6/ 5	1.4	.5																8	8	8		7
4/ 3	.5	.7																5	5	5		6
2/ 1	.2																	1	1	2		1
0/ -1	.9																	4	5	4		7
-2/ -3	.2																	1	3	1		3
-4/ -5	.7																	3	4	3		4
-6/ -7	1.1																	5	5	5		6
-8/ -9	.2																	1	1	1		2
-10/-11	.7																	3	3	3		5
-12/-13																			1			
-14/-15																						2
-16/-17																						1
TOTAL	53.5	39.9	5.7	.9														439	447	439		439

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.	3436523	38645	88.0	8.890	439							
Dry Bulb	317992	10824	24.2	11.195	447	4.6	69.3					93
Wet Bulb	296639	10469	23.8	10.357	439	.6	72.2					93
Dew Point	256074	9622	21.9	11.089	439	.0	83.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MON TH

PAGE 1 | 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49				.2	.2													2	2		
48/				.4														2	2		
46/ 45			.2	.4														3	3		
44/ 43			.2	1.4														6			
42/ 41			1.2	.6														9	9		
40/ 39		1.0	1.0	.8														14	14		
38/ 37		2.2	3.3	.2														29	29	1	
36/ 35	.8	5.5	2.0	.2														43	43	32	2
34/ 33	4.7	6.5	3.7	.2														77	77	72	3
32/ 31	2.7	3.1	.8															34	34	57	64
30/ 29	3.5	5.1	.4															46	46	64	56
28/ 27	2.9	3.7	.4															36	36	35	35
26/ 25	2.9	2.7	.2															33	33	56	45
24/ 23	3.3	3.3	.4															36	36	37	52
22/ 21	2.4	2.5																25	25	25	34
20/ 19	2.7	1.6																22	24	24	16
18/ 17	3.1	1.0	.2															22	22	27	31
16/ 15	2.0		.2															11	11	13	22
14/ 13	1.6	1.0																13	13	11	15
12/ 11	.6	1.2																9	11	3	14
10/ 9	.6	1.4																10	10	11	7
8/ 7	.2	.8																5	5	2	9
6/ 5	.6	1.0																8	8	7	9
4/ 3	.6	.4																5	6	5	6
2/ 1	.4																	2	2	3	4
0/ -1	.2																	1	1	1	7
-2/ -3	.8	.2																5	5	4	2
-4/ -5																				2	4
-6/ -7	.2																	1	2	1	5
-8/ -9	.4																	2	2	2	1
-10/-11																					1
-12/-13																					1
-14/-15																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-75 YEARS | MONTH

PAGE 2 | HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	37.3	44.1	14.4	4.3	.2													51	516	1	51

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.	3723182	43208	84.7	11.684	510							
Dry Bulb	424919	13839	26.8	10.217	516	1.8	59.3					93
Wet Bulb	383066	13136	25.8	9.374	510	1.6	68.4					93
Dew Point	316046	11638	22.8	9.958	510	4.0	81.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PAGE 1 — HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55						.2	.2											2	2		
52/ 51					.2	.8												5	5		
50/ 49				.4	1.0													7	7		
48/ 47			.6	.6	1.4	.2												14	14		
46/ 45			.6	1.6	.6													14	14	8	
44/ 43			1.0	1.6														14	14	8	
42/ 41			2.6	1.8	.2													23	23	17	
40/ 39		2.2	3.4	1.6	.2													37	37	29	6
38/ 37		3.4	3.6	1.0														40	40	4	2
36/ 35	1.0	5.6	4.8	.6														60	60	44	24
34/ 33	2.6	7.2	1.6	.4														59	59	78	57
32/ 31	2.6	3.8	2.2	.2														44	44	58	31
30/ 29	2.0	3.8	1.0															34	34	42	63
28/ 27	1.4	2.4	1.6															27	27	32	49
26/ 25	1.4	3.6	.2															26	26	28	38
24/ 23	1.0	1.8	.8															16	16	3	34
22/ 21	1.6	.6																11	11	19	24
20/ 19	1.2	2.0	.2															17	17	12	26
18/ 17	.2	1.4																8	8	10	21
16/ 15	.6	.8	.2															8	8	11	11
14/ 13	.8	.8																8	9	6	12
12/ 11	.6	.4																5	5	7	4
10/ 9	1.4	.4																9	10	9	1
8/ 7	.4	.8																6	6	4	4
6/ 5	.2	.2																2	2	4	1
4/ 3																				1	4
2/ 1																					1
0/ -1																					2
-2/ -3																					4
-4/ -5																					1
TOTAL	19.1	41.4	24.5	10.0	3.6	1.2	.2											499	500	499	497

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.	30693?9	38649	77.6	13.450	498							
Dry Bulb	558983	16027	32.1	9.523	500		41.9					93
Wet Bulb	473287	14805	29.7	8.167	498		52.5					93
Dew Point	360815	12709	25.5	8.567	498	1.3	75.6					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
56/ 55						.2												1	1		
54/ 53						.4												2	2		
52/ 51					.6													3	3		
50/ 49					.8													4	4		
48/ 47			.2	.4	1.0													8	8		
46/ 45			1.0	.6	.2													9	9	2	
44/ 43			1.2	2.0	.4													18	18	7	
42/ 41		.2	2.5	1.6	.2													22	22	13	
40/ 39		2.7	2.7	1.2														32	32	15	2
38/ 37		3.1	4.3	.2														37	37	4	4
36/ 35	1.0	7.8	3.5	.2	.2													62	62	5	37
34/ 33	3.3	7.4	.8															56	56	31	44
32/ 31	2.0	3.1	1.0	.2														31	31	54	2
30/ 29	2.7	3.7	1.4															38	38	37	6
28/ 27	1.8	3.1	1.4															31	31	32	42
26/ 25	1.4	4.5	.2															30	30	35	23
24/ 23	1.2	3.7																24	24	31	2
22/ 21	1.8	.8	.2															14	14	22	25
20/ 19	1.2	1.6																14	14	11	24
18/ 17	1.4	1.0																12	12	14	22
16/ 15	.6	1.2																9	10	10	15
14/ 13	1.0	.4																7	7	9	12
12/ 11	.4	.8																6	8	5	7
10/ 9	1.4	.8																11	12	9	12
8/ 7	.2																	1	1	4	8
6/ 5	.2	.4																3	3	2	
4/ 3	.4																	2	2	3	4
2/ 1	.2																	1	1	1	4
0/ -1																					1
-2/ -3																					2
-4/ -5																					1
TOTAL	22.5	46.3	20.5	6.6	3.5	.6													492		488
																		488		488	

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.	3234123	39261	80.5	12.448	488							
Dry Bulb	518061	15261	31.0	9.540	492		45.0					93
Wet Bulb	446968	14218	29.1	8.197	488		53.4					93
Dew Point	352014	12450	25.5	8.403	488	.8	76.6					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 BAD TOLZ GERMANY AAF 66-70

STATION STATION NAME YEARS MONTH

PAGE 1 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
46/ 45			.6	.3														3	3		
44/ 43		.3	1.2	.3														4	4		
42/ 41			.6	.3														3	3		
40/ 39		1.4	2.[illegible]	.3														13	13	[illegible]	[illegible]
38/ 37	.3	1.7	2.[illegible]															14	14	[illegible]	[illegible]
36/ 35	2.6	8.4	1.7															44	44	27	[illegible]
34/ 33	4.9	8.6																47	47	[illegible]	27
32/ 31	6.9	4.3	.6															41	41	5[illegible]	[illegible]
30/ 29	4.6	1.7																22	22	27	4
28/ 27	5.2	2.9	.3															29	29	24	27
26/ 25	4.9	1.7																23	23	24	[illegible]
24/ 23	6.1	1.2																25	25	2[illegible]	[illegible]
22/ 21	4.6	1.7																22	22	22	[illegible]
20/ 19	1.2	1.2																8	1[illegible]	7	17
18/ 17	.6	.6																4	5	3	1
16/ 15	2.3	1.2																12	12	12	[illegible]
14/ 13	2.0	.3																9	9	[illegible]	[illegible]
12/ 11	1.2	.6																6	8	3	1
10/ 9	.3	.3																2	4	3	[illegible]
8/ 7	.6																	2	3	3	3
6/ 5	1.2	.3																5	5	5	
4/ 3	.6																	2	3	2	[illegible]
2/ 1	.3																	1	1	1	[illegible]
0/ -1	.9																	3	4	3	4
-2/ -3	.3																	1	1	1	1
-4/ -5																					[illegible]
-6/ -7																					[illegible]
-8/ -9	.3																	1	1	1	[illegible]
-14/-15																					1
TOTAL	51.6	38.3	8.9	1.2															358		347
																		347		347	

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.	2787239	30951	89.2	8.757	347							
Dry Bulb	303396	9854	27.5	9.492	358	1.6	59.2					93
Wet Bulb	281868	9434	27.2	8.565	347	1.3	63.[illegible]					93
Dew Point	247768	8730	25.2	9.017	347	2.4	78.5					[illegible]3

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67-68 YEARS | MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			16.7															1	1		
34/ 33		33.3																2	2		
32/ 31		16.7																1			
30/ 29		33.3																2	2	1	
28/ 27																					
26/ 25																					
TOTAL		83.3	16.7															6	5		

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.	39027	483	80.5	5.394	6							
Dry Bulb	6298	194	32.3	2.251	6		46.5					93
Wet Bulb	5654	184	30.7	1.506	6		93.0					93
Dew Point	4378	162	27.0	.894	6		93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			16.7															1	1		
36/ 37			16.7															1	1		
36/ 35		16.7																1	1	2	
34/ 33		33.3																2	2	1	
32/ 31		16.7																1	1	1	
30/ 29																				1	
28/ 27																					
TOTAL		66.7	33.3																6		
																		6		6	

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.	36292	466	77.7	4,457	6							
Dry Bulb	7471	211	35.2	3,189	6		14,0					84
Wet Bulb	6432	196	32.7	2,422	6		42,0					84
Dew Point	5009	173	28.8	2,041	6		64,0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS — MONTH

 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.4	.4															2	2		
50/ 49																					
48/ 47					.4													1	1		
46/ 45				.4														1	1		
44/ 43		.8	2.1	1.2														10	1		
42/ 41			.8	.4														3	3		
40/ 39		1.7	2.5	.4														11	11	7	1
38/ 37	.4	3.3	2.9	1.2														19	19	14	4
36/ 35	1.7	7.1	1.2	.8														26	26	19	17
34/ 33	3.3	2.9	.8															17	17	34	13
32/ 31	2.9	5.8																21	21	15	34
30/ 29	2.9	3.3	.4															16	16	24	21
28/ 27	3.3	2.9	.4															16	16	15	14
26/ 25	3.7	3.3																17	17	21	13
24/ 23	4.6	2.9																18	18	18	17
22/ 21	1.7	4.1																14	14	13	16
20/ 19	4.6	2.5																17	17	21	17
18/ 17	2.5	1.2																9	9	11	1
16/ 15	1.2	.8																5	5	4	11
14/ 13	1.2																	3	3	5	9
12/ 11																					4
10/ 9	1.7																	4	4	4	2
8/ 7	1.2																	3	4	3	4
6/ 5	1.2																	3	3	3	1
4/ 3	.8																	2	3	2	3
2/ 1	.8																	2	2	2	2
0/ -1	.4																	1	1	1	4
-2/ -3																					1
TOTAL	40.2	43.2	11.6	4.6	.4													241	243	241	241

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.	1808057	20729	86.0	10.228	241							
Dry Bulb	215772	6836	28.1	9.847	243	.3	32.9					84
Wet Bulb	195932	6534	27.1	8.846	241	.3	55.8					84
Dew Point	163992	5900	24.5	9.026	241	1.7	69.7					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

36197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
52/ 51			.2	.5														3	3		
50/ 49						.2												1	1		
48/ 47																					
46/ 45			.2		.2													2	2	2	
44/ 43		.7	.5	1.9	.2													14	14		
42/ 41		1.9	1.4	1.4														2	2	2	2
40/ 39		3.5	2.1	.2														25	25	13	
38/ 37		1.6	.9															11	11	3	1
36/ 35	1.2	5.2	3.0															40	40	24	25
34/ 33	3.3	7.3	2.1	.5														56	56	6	26
32/ 31	2.3	4.0	1.2	.2														33	33	33	45
30/ 29	4.0	3.7	1.2															38	38	52	41
28/ 27	3.7	3.0	.2															30	30	32	4
26/ 25	1.9	2.3																18	18	23	26
24/ 23	4.2	1.2																23	23	28	26
22/ 21	3.3	3.3																28	28	24	33
20/ 19	2.8	1.4																18	18	23	27
18/ 17	2.8	.7																15	15	15	25
16/ 15	1.6	.5																9	9	9	2
14/ 13	.5	.9																6	6	4	11
12/ 11	.5	.9																6	6	7	4
10/ 9	1.6	.5																9	9	11	5
8/ 7	1.4	.2																7	7	5	3
6/ 5	.2	.7																4	6	4	3
4/ 3	.7	.2																4	5	5	4
2/ 1	.5																	2	2	2	2
0/ -1	.9																	4	4	4	7
-2/ -3		.2																1	1	1	3
-4/ -5																					4
-10/ -11																					1
TOTAL	37.5	44.0	13.1	4.7	.5	.2												427	430	427	427

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.	3141376	36324	85.1	10.981	427							
Dry Bulb	386471	12115	28.2	10.258	430	1.0	50.4					84
Wet Bulb	348243	11537	27.0	9.260	427	1.0	56.3					84
Dew Point	289514	10336	24.2	9.607	427	3.0	70.8					84

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≤ 31	D B. W.B	Dry Bulb	Wet Bulb	Dew Point
56/ 55						.2												1			
54/ 53							.2											1			
52/ 51				.2	.6	.6												7			
50/ 49				.2	1.5													5			
48/ 47				.6	.4													5			
46/ 45			.9	.6	.2													8			
44/ 43		1.1	1.5	1.7														20			
42/ 41		.9	3.9		.6													25			
40/ 39	.4	2.6	3.0	.4	.4													32			
38/ 37	.4	4.1	1.9	1.1	.4													37			
36/ 35	.6	4.7	2.6	.2	.2													39			
34/ 33	2.8	4.3	2.2															43			
32/ 31	1.3	5.4	1.1	.2														37			
30/ 29	1.7	3.9	.9															30			
28/ 27	1.5	5.6	.4															35			
26/ 25	2.2	3.9	.2															29			
24/ 23	1.5	3.9	1.1															30			
22/ 21	1.5	1.1	.4															14			
20/ 19	2.4	1.7																19			
18/ 17	.9	1.5																11			
16/ 15	.9	1.3																10			
14/ 13	.6	.6																6			
12/ 11	1.1	.9																9			
10/ 9	.6	.9																7			
8/ 7																					
6/ 5	.2																	1			
4/ 3																					
2/ 1	.2																	1			
≈4/ ≈5																					
TOTAL	20.9	48.2	20.0	5.4	4.5	.9	.2												465		
																		465		465	

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.	3025782	37022	79.6	12.902	465							
Dry Bulb	498780	14582	31.4	9.457	465		43.2					744
Wet Bulb	429706	13606	29.3	8.251	465		51.1					744
Dew Point	334786	11820	25.4	8.601	465	.2	64.5					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PAGE 1 — 12 - 14 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	DB WB	Dry Bulb	Wet Bulb	Dew Point
66/ 65										.2								1	1		
64/ 63									.6									3	3		
60/ 59								.2										1	1		
58/ 57							.6	.2										4	4		
56/ 55						.6	1.3											9	9		
54/ 53					.4	1.3	.4	.4										12	12		
52/ 51					.4	.6												5	5		
50/ 49				1.3	1.1	.4												13	13	1	
48/ 47			.9	.9														8	8	4	
46/ 45		.6	2.2	2.4	.9	.2	.2											30	30	12	
44/ 43		2.8	1.7	2.4	.4	.2												35	33	31	
42/ 41		2.4	1.5	1.1	.2	.2												25	25	41	4
40/ 39	.2	1.3	3.2	1.9	.4													33	33	34	1
38/ 37	.9	3.2	2.6	1.1	.2													37	37	38	32
36/ 35	.6	4.5	3.7	1.1														46	46	46	35
34/ 33	.6	5.6	1.5	.4														38	38	45	42
32/ 31	1.7	3.9	2.8	.2														40	40	52	71
30/ 29	.9	3.2	1.9	.4														30	30	31	56
28/ 27	1.1	1.9	2.4															25	25	34	34
26/ 25	1.3	3.7	1.3															29	29	31	23
24/ 23	.4	1.7	.9															14	14	28	25
22/ 21	.4	1.5																9	9	17	13
20/ 19	.9	1.5	.2															12	12	14	36
18/ 17	.4	.2																3	3	6	24
16/ 15																				1	15
14/ 13																					12
12/ 11																					4
10/ 9																					4
8/ 7																					1
6/ 5																					1
TOTAL	9.5	38.2	26.8	13.2	4.1	3.7	2.6	.9	.6	.2								462	462	462	462

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.	2588030	33762	73.1	16.186	462							
Dry Bulb	655854	16884	36.5	9.177	462		29.5					84
Wet Bulb	531020	15308	33.1	7.185	462		38.7					84
Dew Point	387427	12929	28.0	7.454	462		59.5					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
64/ 63								.2	.2									1	1		
62/ 61								.2										1	1		
60/ 59							.2											1	1		
58/ 57						.4	.4	.4										4	4		
56/ 55						.4	.7	.4										7	7		
54/ 53					.4	1.1	.2	.7										11	11		
52/ 51				.2	1.3	.4												9	9		
50/ 49				.9	.4													6	6	1	
48/ 47			.7	2.0	1.1													17	17	3	
46/ 45		.7	2.2	1.5	.2													21	21	11	
44/ 43		2.0	1.3	2.2	1.3	.2												32	32	31	
42/ 41		3.3	3.0	.7														32	32	32	5
40/ 39		3.5	5.4	1.3	.4													49	49	49	19
38/ 37	.4	2.6	3.9	.2	.2													34	34	35	37
36/ 35	.2	3.9	2.4	.2														31	31	52	36
34/ 33	.4	4.8	2.2	.4														36	36	42	43
32/ 31	1.3	2.8	1.1															24	24	38	41
30/ 29	1.7	3.9	2.0	.2														36	36	47	54
28/ 27	1.5	9.0	2.4															32	32	27	35
26/ 25	.9	3.3	1.5															26	26	32	34
24/ 23	1.1	3.3	.4															22	22	33	29
22/ 21	.7	1.7	.2															12	12	13	23
20/ 19	.9	2.0																13	13	13	25
18/ 17	.2	.2																2	2	9	16
16/ 15																				1	18
14/ 13																					13
12/ 11																					4
10/ 9																					2
8/ 7																					1
TOTAL	9.3	40.8	28.6	9.8	5.4	2.6	1.5	1.7	.2										461		461
																		461		461	

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.	2665683	34353	74.5	15.162	461							
Dry Bulb	643594	16692	36.2	9.232	461		30.4					94
Wet Bulb	526318	15210	33.0	7.296	461		38.1					94
Dew Point	392327	13019	28.2	7.322	461		58.3					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57						.3												1	1		
56/ 55					.6	.3												3	3		
54/ 53							.6											2	2		
50/ 49					.3													1	1		
48/ 47			.3	.8	.3													5	5	4	
46/ 45			.8	.3														4	4		
44/ 43		.8	2.0	.3	.3													12	12	2	
42/ 41	.3	1.7	1.1	.6														13	13	17	1
40/ 39	.6	3.6	1.7	.6	.6													25	25	13	13
38/ 37	.3	4.5	4.2	.6														34	34	23	15
36/ 35	3.1	5.3	3.1	.3														42	42	4	33
34/ 33	.8	8.4	.8															36	36	45	19
32/ 31	4.7	5.9	.3															39	39	46	43
30/ 29	4.5	3.6																29	29	45	45
28/ 27	4.2	1.7	.3															22	22	19	44
26/ 25	1.4	2.5	.6															16	16	18	27
24/ 23	1.7	2.5																15	15	13	8
22/ 21	3.1	2.0																18	18	23	14
20/ 19	1.1	2.5																13	13	12	14
18/ 17	2.2	2.2																16	16	17	13
16/ 15	.8	1.4																8	8	11	22
14/ 13	.3	.3																2	2	2	1
12/ 11	.6																	2	2	2	11
10/ 9																					5
8/ 7																					1
TOTAL	29.6	48.9	15.1	3.4	2.0	.6	.6												358		358
																		358		358	

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.	2600466	30226	84,4	11,653	358							
Dry Bulb	386426	11378	31,8	8,336	358		42,2					84
Wet Bulb	345215	10609	30,2	7,269	358		48,3					84
Dew Point	287963	9787	27,3	7,560	358		65,0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65,67 YEARS | MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
34/ 33		50.0																			
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25		16.7																1	1		
24/ 23		16.7																1	1	2	
22/ 21		16.7																1	1	1	
20/ 19																					3
18/ 17																					
16/ 15																					
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ -1																					
TOTAL		.0																6			

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	≥ 95 F	Total
Rel. Hum.	36237	463	77,2	10,088	6							
Dry Bulb	4110	148	24,7	9,585	6		42,0					84
Wet Bulb	3659	139	23,2	9,369	6		84,0					84
Dew Point	2763	111	18,5	11,912	6		84,0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-70 YEARS — MONTH

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 DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49				.4														1			
48/ 45				.4														1			
44/ 43		.7	.7	.4														5	5		
42/ 41	.7		1.1	.4														6	6	6	6
40/ 39	.4	3.3	2.2	.4														17	17	[illegible]	[illegible]
38/ 37	.7	3.6	1.1															15	15	1	[illegible]
36/ 35	3.3	10.5	[illegible]															42	42	33	21
34/ 33	4.0	4.3	.4															24	24	42	35
32/ 31	5.8	7.6	.4															38	38	28	27
30/ 29	3.3	5.4	.7															26	26	37	33
28/ 27	7.6	4.7																34	34	33	24
26/ 25	6.2	3.6																27	27	33	29
24/ 23	3.6	.7																12	12	14	35
22/ 21	1.4	.4																5	5	6	13
20/ 19	3.3	.7																11	11	11	7
18/ 17	1.1																	3	3	4	[illegible]
16/ 15	1.1																	3	3	[illegible]	6
14/ 13		.4																1	1		2
12/ 11	.7	.7																4	4	4	
10/ 9		.4																1	1	2	3
8/ 7																					1
6/ 5																					1
4/ 3																					1
TOTAL	43.1	47.1	8.[illegible]	1.6															276		276
																		276		276	

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.	2227636	24690	89.5	8.302	276							
Dry Bulb	270977	8451	30.6	6.664	276		55.6					93
Wet Bulb	253349	8191	29.7	6.108	276		58.0					93
Dew Point	223778	7668	27.8	6.250	276		70.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			.2	.5	.2													5			
46/ 45			.2	.4	.2	.4												6			
44/ 43		.5	.2	.2	.4													7			
42/ 41	.5	.9	2.3	.9	.2													27			
40/ 39	.4	2.2	3.4	.9														38			
38/ 37	.4	3.0	2.9															46			
36/ 35	2.2	6.1	.9															51			
34/ 33	3.8	4.8	2.2																		
32/ 31	3.9	7.5	1.4															72			
30/ 29	3.6	5.2	.9															54			
28/ 27	6.6	3.6																57			
26/ 25	3.8	2.2																33			
24/ 23	1.8	3.0	.5																		
22/ 21	2.6	.5																23			
20/ 19	1.3	.2																3			
18/ 17	.9	.5																8			
16/ 15	.9	.7																9			
14/ 13	.2	1.1																7			
12/ 11		1.1																6			
10/ 9		.4																2			
8/ 7		.5																5			
6/ 5		.4																2			
4/ 3		.2																1			
2/ 1		.2																1			
0/ -1																					
-2/ -3																					
-4/ -5																					
-6/ -7																					
TOTAL	33.7	47.1	15.1	2.9	.9	.4												558	558	559	558

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.	4109253	47443	85.0	11.642	558							
Dry Bulb	559572	17126	30.7	7.807	558		53.0					93
Wet Bulb	506779	16339	29.3	7.134	558		57.8					93
Dew Point	426623	14785	26.5	7.913	558	1.8	73.0					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63							.2	.4										2	2		
62/ 61							.2											1	1		
60/ 59							1.1	.4										2	2		
58/ 57					.2	.7	.2											6	6		
54/ 53				.2	.5	1.3												11	11		
52/ 51				.2	.7	.2												6	6		
50/ 49				.5	1.3	.7	.2											15	15	2	
48/ 47			.5	1.1	.9	.5	.2											18	18	11	
46/ 45		.5	1.6	1.6	1.1	.5												30	30	11	
44/ 43		1.1	2.2	.9	1.1	.4												31	31	23	
42/ 41	.4	1.4	3.8	1.6	.9													45	45	34	
40/ 39	.5	2.2	4.1	.9	.2	.2												45	45	44	23
38/ 37	.2	5.2	2.0	1.3														48	48	61	23
36/ 35	1.4	2.7	2.9	.7														43	43	82	61
34/ 33	3.0	4.1	2.2	.4	.2													55	55	51	59
32/ 31	1.6	4.7	1.3	.2														43	43	55	73
30/ 29	1.8	4.8	1.1	.2														44	44	59	53
28/ 27	4.5	3.0	.4															44	44	56	57
26/ 25	2.3	2.0	.5															27	27	32	67
24/ 23	1.1	2.5	.4															22	22	19	51
22/ 21	.5	.5	.2															7	7	16	29
20/ 19	.2	.4	.2															4	4	6	12
18/ 17																				3	12
16/ 15		.4																2	2	1	9
14/ 13		.2																1	1	2	1
12/ 11																				1	1
10/ 9																					4
8/ 7																					2
6/ 5																					
4/ 3																					2
TOTAL	17.6	35.7	23.1	9.7	7.0	4.5	1.8	.7										558	558		553
																		558		558	

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.	3389345	42627	76.1	16.889	558							
Dry Bulb	783763	20353	36.5	8.620	558		32.3					93
Wet Bulb	647380	18646	33.4	6.606	558		41.7					93
Dew Point	491077	16137	28.9	6.619	558		63.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PAGE 1 — HOURS — S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69										.2								1			
68/ 67								.4	.2									3	3		
66/ 65								.5	.4									5	5		
64/ 63							.2	1.1	.2									3			
62/ 61							.9	.4	.2									3			
60/ 59							.4											2	2		
58/ 57					.2	.7	.4			.2								4			
56/ 55					.7	1.1	.7	.2										15	15		
54/ 53				.4	.7	1.3	.9	.2										19	19	2	
52/ 51				.4	.5	2.9	.9	.2										27	27	1	
50/ 49			.5	.9	1.8	1.6	.4											29	29	12	
48/ 47		.4	1.3	1.4	2.2	.4	.5											34	34	14	
46/ 45		.7	.9	1.8	1.8	.7												33	33	2	1
44/ 43	.4	1.6	1.1	.9	2.3													35	31	37	11
42/ 41		.9	2.0	2.0	.9													32	32	54	13
40/ 39	.4	1.3	2.2	.9	.2													27	27	51	23
38/ 37	.4	2.9	2.7	1.4	.4													43	43	54	34
36/ 35	.5	5.2	2.7	1.3	.4													56	56	61	42
34/ 33	1.8	3.9	1.6	.9	.2													47	47	67	61
32/ 31	3.0	7.5	1.1	.2														66	66	67	1[illegible]
30/ 29	2.2	3.4	.9															36	36	61	83
28/ 27	.2	1.6	.7															14	14	29	82
26/ 25	.4	.5	.4															7	7	15	46
24/ 23	.2	.4																3	3	7	27
22/ 21																				2	24
20/ 19																					1[illegible]
18/ 17																					5
16/ 15																					4
14/ 13																					7
12/ 11																					2
TOTAL	9.3	30.3	17.9	12.4	12.2	8.6	5.2	2.9	.9	.4								558	556	558	558

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.	2883649	38293	69.2	19.621	558							
Dry Bulb	986583	22857	41.0	9.503	558		21.0	.7				93
Wet Bulb	760396	20278	36.3	6.493	558		30.2					93
Dew Point	536214	16958	30.4	6.118	558		61.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3n197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71										.2								1	1		
70/ 69										.2								1	1		
68/ 67								.4	.2									3	3		
66/ 65								.4	.2									3	3		
64/ 63								.7	.4									6	6		
62/ 61							.9	.2										6	6		
60/ 59					.2	.4	.7											7	7		
58/ 57					.2	.2												2	2		
56/ 55				.2	.9	1.1	1.4	.2										21	21	1	
54/ 53				.5	.7	1.4	1.1	.2										22	22	3	
52/ 51			.4	.5	1.1	1.3	.9	.2										24	24	3	
50/ 49			.7	.7	1.8	2.2	.4	.2										33	33	1[illegible]	
48/ 47			.4	.5	3.0	.9												27	27	15	
46/ 45		.6	1.8	1.8	.2	.4												28	2[illegible]	21	1
44/ 43		2.0	1.1	2.7	2.0	.2	.2											45	45	33	13
42/ 41		1.4	1.6	2.5	.4													33	33	17	18
40/ 39	.4	.9	2.7	.9														27	27	[illegible]	25
38/ 37		2.2	2.7	2.7	.7													46	46	[illegible]	24
36/ 35	.5	5.0	2.5	.7														49	49	3[illegible]	37
34/ 33	2.2	4.7	1.6	.7														51	51	6[illegible]	59
32/ 31	3.4	4.3	1.4	.4														53	53	7[illegible]	9[illegible]
30/ 29	2.9	3.6	2.0															47	47	64	86
28/ 27	.5	.9	.4															10	10	22	62
26/ 25	.4	.9	.5															10	10	2[illegible]	46
24/ 23	.4	.2																3	3	3	32
22/ 21																				2	23
20/ 19																					16
18/ 17																					[illegible]
16/ 15																					4
14/ 13																					3
TOTAL	10.6	26.9	19.7	14.9	11.1	7.9	5.6	2.3	.7	.4								55[illegible]	558	55[illegible]	558

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	≥ 95 F	Total
Rel. Hum.	288655+	39706	69.4	19.029	558							
Dry Bulb	982750	22814	40.9	9.474	558		20.5	.8				93
Wet Bulb	760624	20276	36.3	6.545	558		31.2					93
Dew Point	538733	17009	30.5	6.032	558		61.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.2	.2										2	2		
64/ 63							.2											1	1		
62/ 61							.2											1	1		
58/ 57						.4												2	2		
56/ 55					.6	.6												6	6		
54/ 53			.2	.2	.4	.9	.2											9	9		
52/ 51			.2	.4	.2	1.1												9	9	2	
50/ 49			.9	1.1	1.3	.4	.2											18	18	3	
48/ 47		.2	1.1	.6	2.6	.2												22	22	4	
46/ 45		1.1	1.5	1.7	1.1													25	25	13	
44/ 43	.6	1.5	1.7	2.4	.2	.2												31	31	25	
42/ 41		2.4	2.6	1.7		.2												32	32	29	12
40/ 39	.6	1.7	2.8	1.3														30	30	43	33
38/ 37	1.3	1.9	3.9	.4														35	35	44	24
36/ 35	.6	3.9	1.9	.4														32	32	37	2
34/ 33	2.2	6.2	1.7															47	47	59	3
32/ 31	4.5	6.0	.9															53	53	59	35
30/ 29	5.8	4.5	.4															50	50	63	75
28/ 27	2.6	1.9	1.1															27	27	31	53
26/ 25	1.5	2.4	.4															20	20	13	20
24/ 23	.9	.4	.4															8	8	20	27
22/ 21	.6	.4																5	5	7	17
20/ 19																				1	15
18/ 17																					7
16/ 15																					4
14/ 13																					2
12/ 11																					2
TOTAL	21.5	34.0	21.7	10.3	6.5	4.1	1.1	.2											465		465
																		465		465	

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.	2955199	36525	78.1	15.917	468							
Dry Bulb	875340	17296	37.2	8.305	465		32.6					93
Wet Bulb	567723	18077	38.4	6.360	465		39.6					93
Dew Point	445831	14119	30.4	6.076	465		65.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 68 YEARS | MONTH

PAGE 1 1 -23 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 DB WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
44/ 43			.0															1			
40/ 39																					1
36/ 35			.0																		1
TOTAL																		1			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4900	70	70.0		1							93
Dry Bulb	1936	44	44.0		1							93
Wet Bulb	1600	40	40.0		1							93
Dew Point	1225	35	35.0		1							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66,68 YEARS | MONTH

 (0300-0900 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				1.7														1	1		
54/ 53				1.7														1	1		
52/ 51			1.7	1.7														2	2	1	
50/ 49		3.4	3.4															4	4	1	
48/ 47	6.8	6.8	5.1	1.7														12	12	9	1
46/ 45	3.4	5.1	3.4															7	7	7	5
44/ 43		11.9	5.1															12	12	9	7
42/ 41		6.8																4	4	1	4
40/ 39	3.4	5.1																5	5	8	1
38/ 37			1.7															1	1	3	6
36/ 35		3.4	1.7															3	3		6
34/ 33		3.4																2	2	6	
32/ 31		1.7																1	1	1	3
30/ 29	1.7																	1	1	1	5
28/ 27		1.7																1	1		
26/ 25		1.7																1	1	1	
24/ 23	1.7																	1	1	2	1
22/ 21																					2
20/ 19																					
TOTAL	16.9	50.8	25.4	6.8														59	59	59	59

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.	441333	9069	85.9	10.026	59							
Dry Bulb	111280	2530	42.9	6.936	59		7.6					90
Wet Bulb	101059	2413	40.9	6.394	59		7.6					90
Dew Point	91390	2288	38.8	6.775	59		16.8					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL DE VB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49	.4	.4	3.2															10	10	1	1
48/ 47	2.0	1.2	.4	.4	.4													11	11	7	6
46/ 45	.4	3.2	1.6	.8														15	15	13	2
44/ 43	.8	3.6	2.0	.8														18	18	14	11
42/ 41	.8	3.6	1.2	.4														15	15	14	15
40/ 39	2.0	6.8	.8															24	24	25	2-
38/ 37	1.6	9.6	1.2															16	16	26	16
36/ 35	.4	5.2	.4															15	15	13	21
34/ 33	6.4	4.8	2.0															33	33	28	31
32/ 31	6.4	6.0	.8															33	33	33	30
30/ 29	4.0	5.2																23	23	32	24
28/ 27	4.8	3.2																20	20	24	23
26/ 25	2.0	1.6																9	9	12	24
24/ 23	.8																	2	2	2	16
22/ 21	1.6																	4	4	4	4
20/ 19																					4
18/ 17	.4	.4																2	2	2	
16/ 15																					2
TOTAL	34.8	48.8	13.6	2.4	.4													250	250	250	250

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.	1986216	22152	88.6	9.608	250							
Dry Bulb	393219	8955	35.8	7.071	250		33.5					90
Wet Bulb	309112	8640	34.6	6.498	250		39.2					90
Dew Point	277617	8161	32.6	6.709	250		45.7					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W B	Dry Bulb	Wet Bulb	Dew Point
62/ 61						.2												1	1		
60/ 59					.2													1	1		
58/ 57				.2														1	1		
56/ 55				.2	.6													4	4		
54/ 53		.2		.7														5	5		
52/ 51	.6	.6		.2														7	7	9	3
50/ 49	.4	.7	2.0	1.5	.2													26	26	7	5
48/ 47	.6	1.9	1.7	.6														25	25	15	1[illegible]
46/ 45	.7	3.0	2.4	1.3	.2													41	41	29	12
44/ 43	.7	5.0	3.4	1.3														56	56	38	24
42/ 41	.6	5.0	2.6	1.3														51	51	51	27
40/ 39	.6	4.3	2.2	.6														41	41	53	46
38/ 37	.6	3.0	2.6	.2														34	34	54	50
36/ 35	1.3	7.1	2.8	.4														62	62	40	52
34/ 33	2.2	6.3	1.3															53	53	70	51
32/ 31	4.1	7.3	.6															64	64	70	71
30/ 29	2.0	2.2	.7															27	27	50	70
28/ 27	2.8	1.3																22	22	27	52
26/ 25	.4	1.1																8	8	14	28
24/ 23	.6																	3	3	5	19
22/ 21	.2	.2																2	2	1	8
20/ 19	.2																	1	1	2	4
18/ 17	.2	.2																2	2	2	2
16/ 15																					2
14/ 13																					1
TOTAL	18.6	49.3	22.3	8.4	1.1	.2												537	537		537
																		537		537	

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.	3837243	44995	83.8	11.191	537							
Dry Bulb	816811	20583	38.3	7.146	537		21.6					90
Wet Bulb	729687	19497	36.3	6.378	537		28.7					90
Dew Point	630542	18058	33.6	6.593	537		43.1					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB WB	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					
74/ 73									.4	.2									3	3		
72/ 71									.4										2	2		
70/ 69							.4			.2									3	3		
68/ 67						.2		.6		.2									5	5		
66/ 65							.7	.4											6	6		
64/ 63						.2	.4	.4											5	5		
62/ 61					.2	.6	.7	.4											10	10		
60/ 59				.6	.4	.4	.9	.6	.2										16	16		
58/ 57		.2	.2	.4	1.7	1.5	.9	.2											27	27	7	
56/ 55			.7	.9	1.7	.9	1.7	.2											33	33	5	
54/ 53		.9	.4	1.7	1.3	.7	.2												28	26	13	1
52/ 51		.7	.4	1.9	3.0	.9													37	37	23	6
50/ 49		1.1	1.7	1.1	1.3	.7													32	32	35	12
48/ 47	.2	1.7	2.4	1.7	1.5	.4													43	43	43	13
46/ 45	.2	1.7	3.0	1.9	.7	.2													41	41	53	23
44/ 43		1.9	2.6	1.7	.6														36	36	51	27
42/ 41		3.0	1.7	1.3	.4														34	34	58	50
40/ 39	.7	2.0	3.4	.7	.4														39	39	47	61
38/ 37		2.4	3.0	1.1															35	35	36	35
36/ 35	.2	3.0	2.6																31	31	43	57
34/ 33	2.4	3.7	1.1																39	39	56	67
32/ 31	.9	2.4	.2																19	19	37	63
30/ 29	.6	.6																	6	6	21	52
28/ 27	.4	.7																	6	6	6	30
26/ 25	.2																		1	1	3	20
24/ 23																						14
22/ 21																						4
20/ 19																						1
18/ 17																						1
TOTAL	5.8	26.1	23.5	14.9	13.0	6.7	6.0	2.6	.9	.6										537		537
																			537		537	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2780995	37489	69.8	17.482	537
Dry Bulb	1183238	24680	46.0	9.558	537
Wet Bulb	939976	22036	41.0	6.927	537
Dew Point	706961	19161	35.7	6.588	537

Element (X)	Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		5.4	2.2	.3			90
Wet Bulb		11.2					90
Dew Point		31.0					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | APR 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				
82/ 81												,2						1	1		
78/ 77										,2		,2						2	2		
76/ 75										,6	,6							6	6		
74/ 73									,4									2	2		
72/ 71								,2	,2		,2							3	3		
70/ 69								,4	,9	,2								8	8		
68/ 67						,2	,4	,7	,4	,2								10	10		
66/ 65						,2	,2	,9	1,1	,2								14	14		
64/ 63						,4	1,3	1,5	1,1	,4								25	25		
62/ 61				,4	,2	,9	1,5	1,1	,9									27	27		
60/ 59				,2	,6	2,0	1,5	,9	,4									30	30	2	
58/ 57			,7	,2	2,2	,9	,9	,6										30	30	11	
56/ 55		,7	,2	,2	1,7	1,9	1,1	,2										32	32	13	
54/ 53		,2	,2	1,5	,6	,9	,7											22	22	23	
52/ 51		1,1	,6	1,5	1,3	,9	,7											33	33	29	11
50/ 49		1,1	2,0	1,3	1,3	,7	,4											37	37	59	9
48/ 47	,2	1,1	1,7	1,3	2,0	,9	,2											40	40	54	14
46/ 45		,9	,7	1,9	,7	,2												24	24	58	24
44/ 43		1,9	,9	2,4	,9													33	33	41	40
42/ 41		2,4	2,0	1,1	,6													33	33	35	43
40/ 39	,4	1,7	3,2	1,3	,4													37	37	46	54
38/ 37	,2	2,4	1,9	,4														26	26	52	50
36/ 35	,2	1,9	,7															15	15	42	40
34/ 33	2,2	3,4																30	30	39	75
32/ 31	,9	1,5	,2															14	14	24	71
30/ 29		,4																2	2	7	42
28/ 27	,2																	1	1	2	31
26/ 25																					23
24/ 23																					4
22/ 21																					4
20/ 19																					2
TOTAL	4,3	20,7	15,1	13,6	12,5	10,2	8,9	6,5	5,4	1,7	,7	,4							537		537
																		537		537	

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.	2342354	33748	62,8	20,326	537							
Dry Bulb	1394338	26750	49,8	10,739	537		2,8	5,4	1,8	,2		90
Wet Bulb	1023179	23137	43,1	7,006	537		8,5					90
Dew Point	721674	19370	36,1	6,548	537		26,7					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (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
80/ 79											.2							1	1		
78/ 77										.2	.6							4	4		
76/ 75										.7	.2							5	5		
74/ 73									.2									1	1		
72/ 71								.2	.2									2	2		
70/ 69							.4	.7		.4								8	8		
68/ 67							.4	.2	.2	.2								5	5		
66/ 65						.6	.6	.7	.9	.4								17	17		
64/ 63						.7	.7	1.1	1.7	.4								25	25		
62/ 61				.7	.6	1.3	2.1	1.7	.6	.4								39	35		
60/ 59				.4	.4	2.0	1.7	.9	.2									34	34	2	
58/ 57			1.5	.2	.2	1.9	.7	.7	.4									30	30	15	
56/ 55		.2	.2	.4	2.6	1.3	1.3											33	33	17	
54/ 53		.2	.4	1.3	.6	1.3												21	21	22	2
52/ 51		.4	.7	.9	.9	.7												20	20	29	11
50/ 49		.4	1.1	1.3	1.3	1.3	.4											32	32	49	9
48/ 47		1.3	1.7	.4	1.9	.6	.2											32	32	68	13
46/ 45		1.3	1.3	2.8	1.1													35	35	38	23
44/ 43		1.3	.7	2.8	.6													29	29	43	32
42/ 41		2.1	1.9	1.7	.9													35	35	35	55
40/ 39	.2	1.9	2.2	1.1														29	29	50	45
38/ 37	.9	1.9	1.7	.2														25	25	46	50
36/ 35	.9	2.6	.9															24	24	44	49
34/ 33	1.7	3.0	.2															26	26	37	63
32/ 31	1.5	1.1																14	14	25	73
30/ 29	.6	.6	.2															7	7	12	48
28/ 27	.2																	1	1	2	24
26/ 25																					21
24/ 23																					12
22/ 21																					4
TOTAL	6.0	18.2	14.8	14.4	11.0	12.9	8.4	6.4	4.3	2.6	.9							534	534	534	534

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2330320	33550	62.8	20.429	534
Dry Bulb	1388832	26588	49.8	11.044	534
Wet Bulb	1017985	22991	43.1	7.264	534
Dew Point	716210	19134	36.0	6.630	534

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		3.7	4.4	1.9			90
Wet Bulb		6.6					90
Dew Point		30.7					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — JAN MONTH

PAGE 1 — 1200-2000 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
74/ 73									.4	.2								3	3		
70/ 69							.2		.2									2	2		
68/ 67							.4	.2										3	3		
66/ 65						.2	.2											2	2		
64/ 63				.2	.6		.4	.2	.2									8	8		
62/ 61					.2	.2	1.0	.4										9	9		
60/ 59			.2	.4	.6	.4	1.4	.2										16	16	2	
58/ 57		.2	.8	.6	.8	1.2	1.0											23	23	3	
56/ 55		.2	.4	1.4	2.1	1.9	.2	.4										32	32	11	
54/ 53		.2	1.0	.6	1.6	1.2	.4											25	25	12	1
52/ 51		.2	1.9	2.1	1.2	.8												30	30	17	7
50/ 49		1.2	2.7	2.3	1.4	.2												38	38	20	11
48/ 47	.4	1.0	3.2	.8	1.9	.6	.2											33	33	62	20
46/ 45	.6	1.9	1.0	2.1	.2													28	26	42	23
44/ 43		2.7	2.1	2.1	.8													37	37	42	28
42/ 41	.2	2.5	2.5	1.0														30	30	42	44
40/ 39	.4	2.1	2.5	.8	.2													29	29	41	44
38/ 37	1.6	3.1	2.5	.4														37	37	46	44
36/ 35	.8	3.2	1.2															26	26	42	43
34/ 33	2.3	3.9	.8															34	34	40	58
32/ 31	1.6	2.3	.2															20	20	32	63
30/ 29	1.6	1.6																16	16	22	44
28/ 27	.6	.2																4	4	10	25
26/ 25																					20
24/ 23																					9
22/ 21																					1
TOTAL	10.3	26.6	22.1	14.8	11.8	6.4	5.6	1.4	.8	.2									483		485
																		485		485	

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.	2705426	35204	72.6	17.612	485							
Dry Bulb	1047007	22059	45.5	9.600	485		7.4	1.5	.6			90
Wet Bulb	840836	19902	41.0	7.065	485		11.9					90
Dew Point	655765	17583	36.3	6.697	485		30.1					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-68 YEARS — APR MONTH

 21[illegible]-23[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	D B W B	Dry Bulb	Wet Bulb	Dew Point
60/ 59				.9														1	1		
58/ 57				1.9														2	2		
56/ 55						.9												1	1		
54/ 53					.9													1	1	1	
52/ 51		2.8	1.9	.9														6	6	2	
50/ 49		7.5	4.7	4.7														18	18	4	1
48/ 47	1.9	2.8	4.7	1.9														12	12	1[illegible]	11
46/ 45	3.8	9.4	7.5															22	22	16	12
44/ 43		12.3	2.8															16	16	1[illegible]	1[illegible]
42/ 41	.9	2.8	.9															5	5	21	11
40/ 39		1.9	3.8															6	6	6	23
38/ 37		1.9	1.9	.9														5	5	2	15
36/ 35		3.8																4	4	4	2
34/ 33		3.8																4	4	4	2
32/ 31																				3	1[illegible]
30/ 29																					4
28/ 27		1.9																2	2	1	1
26/ 25																				1	1
24/ 23		.9																1	1	1	1
22/ 21																					2
TOTAL	6.6	51.9	28.3	11.3	.9	.9												106	106	106	106

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.	734760	8738	82.6	10,305	106							
Dry Bulb	214750	4728	44.6	6,066	106		2.5					9[illegible]
Wet Bulb	190989	4461	42.1	5,562	106		5.1					9[illegible]
Dew Point	168712	4180	39.4	6,077	106		16.1					9[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REV'D TO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-68 YEARS | [illegible] MONTH

[illegible] HOUR (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				
56/ 55			5.1															2	2		
54/ 53		2.6	5.1															3	3		
52/ 51		12.8	2.6															6	4	4	
50/ 49			5.1	2.6														3	2	[illegible]	4
48/ 47			5.1															2	2	[illegible]	
46/ 45		5.1	2.6															3	3	[illegible]	
44/ 43		12.8																5	[illegible]	[illegible]	2
42/ 41	2.6	7.7																4	4	[illegible]	5
40/ 39	7.7	10.3																7	7	[illegible]	
38/ 37		7.7																3	3	[illegible]	7
36/ 35		2.6																1	1		3
34/ 33																					1
TOTAL	10.3	61.5	25.6	2.6														39	39	33	39

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.	301979	3421	87.7	7.062	39							
Dry Bulb	81400	1708	43.8	5.737	39							93
Wet Bulb	74775	1697	43.5	4.957	39							93
Dew Point	69027	1631	41.8	4.639	39							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.5	.5												2	2		
62/ 61						1.0												2	2		
58/ 57			1.0	.5	.5													4	4		
56/ 55			.5	1.0		.5												4	4		
54/ 53	.5	1.5	1.0															5	5	4	
52/ 51		2.0	1.5	1.0														9	9	3	
50/ 49	3.0	3.0	2.0															16	16	14	14
48/ 47	2.0	7.5	2.5															24	24	14	12
46/ 45	.5	9.5	2.0	1.0														26	26	25	17
44/ 43	2.5	7.5	3.5	.5														28	28	27	23
42/ 41	1.5	10.1	1.5															26	26	27	27
40/ 39	2.5	8.0	1.0															13	13	27	25
38/ 37	1.5	6.0	1.0															17	17	13	21
36/ 35	1.5	4.0																11	11	17	17
34/ 33	1.5	.5																4	4	17	16
32/ 31	.5																	1	1	1	1
30/ 29	1.0	1.5																5	5	3	3
28/ 27	.5																	1	1	3	
26/ 25																					3
24/ 23																					1
TOTAL	19.1	56.3	17.6	4.0	1.0	2.0													199		199
																	199			199	

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.	1544954	17410	87.8	10,492	199							
Dry Bulb	395242	8774	44.1	6,510	199		3.3					93
Wet Bulb	361513	8407	42.2	5,662	199		3.3					93
Dew Point	331336	8040	40.4	5,731	199		7.9					83

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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 DB	TOTAL WB	Dry Bulb	Wet Bulb	Dew Point
68/ 67						.2														1	1			
66/ 65					.4			.2												3	2			
64/ 63				.6	.4	.6	.2													9	9			
62/ 61			.2	.6	.8	.6														12	12			
60/ 59			.4	1.3	1.1	.2	.2													17	17			
58/ 57		.2	.7	1.7	.7	.4														20	20			
56/ 55			2.0	1.5	.7	.4														25	25			
54/ 53		1.5	2.4	1.5	1.7	.2														39	30	27		
52/ 51	.2	1.9	3.7	2.0	.9	.2														48	48	34		
50/ 49	.7	4.3	4.8	1.5																61	61	44		3
48/ 47	1.9	6.0	5.0	1.1	.2															76	76	59		54
46/ 45	.7	6.3	3.7	.7																62	62	91		4
44/ 43	.2	5.0	1.7	.2																38	38	72		71
42/ 41	.4	4.8	2.0																	39	39	49		7
40/ 39	.7	4.8	1.5																	38	38	45		43
38/ 37	1.3	2.4	.6																	23	23	39		50
36/ 35	.6	1.7																		12	12	28		42
34/ 33	.6	.7	.4																	9	9	11		33
32/ 31	.2	.7																		5	5	4		1
30/ 29																						4		4
28/ 27																								2
26/ 25																								1
TOTAL	7.4	40.4	29.2	12.7	7.1	2.6	.4	.2													537		537	537
																				537		537		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3556332	43218	80.5	12.227	537
Dry Bulb	1249574	25634	47.7	6.954	537
Wet Bulb	1085812	23958	44.6	5.871	537
Dew Point	949012	22384	41.7	5.458	537

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb		.9	.2				93
Wet Bulb		1.4					99
Dew Point		6.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 BAD TOLZ GERMANY AAF 65-70
STATION STATION NAME YEARS MONTH

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 DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.4	.2									3			
76/ 75							.2	.4		.2									4	4		
74/ 73							.7			.2									3	3		
72/ 71						.2	.4	.7	.6										10	10		
70/ 69					.2	.6	.7	.9	.9	.2									19	19		
68/ 67				.4	.4	.6	1.5	1.1	.2										22	22		
66/ 65				.2	.6	1.7	.9	.7											22	22		
64/ 63			.2	.7	1.7	1.3	.9	.9											31	31	2	
62/ 61			.2	.4	1.9	2.0	1.7	.2											34	34	11	
60/ 59				.9	2.4	.9	.6												26	26	14	3
58/ 57			.6	.9	2.0	2.4	.4												34	34	22	2
56/ 55	.2	.7	1.3	2.2	1.7	1.1													39	39	43	11
54/ 53	.4	.6	1.7	4.8	1.5	.7	.2												53	53	44	19
52/ 51	.6	.9	3.0	3.7	1.1	.4													52	52	51	21
50/ 49	.6	3.0	2.2	2.0	.7														46	46	71	44
48/ 47	.6	3.5	2.4	.7		.2													40	40	83	46
46/ 45		3.4	1.9	.9															33	33	72	63
44/ 43	.2	1.5	1.5	.6															20	20	46	73
42/ 41		2.0	.2	.2															13	13	24	74
40/ 39		2.2	.2																13	13	24	63
38/ 37	.6	.9	.6																11	11	17	49
36/ 35	.6	.4																	5	5	7	34
34/ 33		.4																	2	2	5	12
32/ 31																					1	11
30/ 29																						4
28/ 27																						1
TOTAL	3.3	19.6	15.8	18.8	14.2	12.1	8.2	5.0	2.0	.7								537		537		537

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Wet Bulb	2609445	36299	67.6	17.048	537
Dry Bulb	1649367	29367	54.7	8.995	537
Wet Bulb	1284060	26060	48.5	6.020	537
Dew Point	1020963	23211	43.2	5.747	537

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb			10.9	2.1			93
Dry Bulb		.2					93
Dew Point		2.6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PAGE 1 — HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23	24	25	26	27 - 28	29	30	≥ 31	D B W B	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.4		.4	.2									1	1		
80/ 79									.2												1	1		
78/ 77						.2		.2	.2												3	3		
76/ 75							.2	.6	.2	.6	.2										9	9		
74/ 73							.2	1.9	.8	.6											19	19		
72/ 71						.2	.9	1.7	1.7	.9											29	29		
70/ 69					.2	.6	1.1	.8	.6	.4											19	19		
68/ 67			.4	.2	.6	1.7	.6	2.1	.8	.2											29	29	1	
66/ 65					.2	2.7	.6	1.5	.2												27	27	2	
64/ 63			.2	.2	1.1	1.9	1.5	2.1													37	37	7	1
62/ 61			.2	.4	1.1	1.7	.6	1.1													27	27	12	2
60/ 59				.2	.6	2.1	.8														19	19	27	3
58/ 57		.4	.2	1.3	1.3	3.4	.6														38	38	36	2
56/ 55		1.3	.8	3.0	3.6	1.1	.2	.2													54	54	41	14
54/ 53		.9	1.1	3.0	.9	.9	.6														40	40	51	12
52/ 51	.4	2.1	.4	1.9	1.9	.4															37	37	51	23
50/ 49	.6	2.7	2.5	.6	.6																36	36	79	55
48/ 47	.8	1.7	2.1	.8	.2																29	29	74	42
46/ 45		1.3	2.7	.6																	24	24	45	59
44/ 43		2.3	.4	.4																	16	16	34	64
42/ 41	.2	1.9																			11	11	35	66
40/ 39	.2	1.3																			8	8	18	66
38/ 37	.4	.6																			5	5	11	41
36/ 35		.4																			2	2	2	2
34/ 33	.6	.2																			4	4	5	14
32/ 31																								12
30/ 29																								3
28/ 27																								1
26/ 25																								1
TOTAL	3.0	17.1	10.8	12.5	12.3	16.9	7.8	11.2	4.9	2.7	.6	.2										527		527
																					527		527	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2267601	33053	62.7	19.242	527
Dry Bulb	1797940	30334	57.6	9.935	527
Wet Bulb	1334024	26310	49.9	6.246	527
Dew Point	1019474	22958	43.6	6.064	527

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.		3.0					93
Dry Bulb			19.9	6.4	1.1		93
Wet Bulb			.2				93
Dew Point							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

 15 - 17 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83													.2					1			
82/ 81									.2	.2			.2					3			
80/ 79								.2	.4			.2						4	4		
78/ 77								.4	.2									3	3		
76/ 75								.8	.4	.2	.4							9	9		
74/ 73								1.0	1.3	1.2								19	19		
72/ 71							1.8	1.3	1.7	.8								29	29		
70/ 69					.8	.8	1.2	.4	1.2	.2								23	23		
68/ 67			.2	.2	.2	1.5	.2	1.3	.8	.2								24	24		
66/ 65			.2		.6	1.5	1.0	1.3	.4									26	26	3	
64/ 63				.4	1.3	1.0	1.2	1.0										25	25	7	
62/ 61				.6	.6	.6	1.7	1.0										23	23	1	1
60/ 59			.4	1.0	1.3	2.5	.8											31	31	23	7
58/ 57		.6	1.0	.8	2.9	3.1	.6	.2										47	47	41	5
56/ 55		1.0	1.2	1.3	1.9	.8	.2	.2										34	34	45	
54/ 53	.6	1.0	2.1	4.2	1.7	.6												53	53	44	27
52/ 51		1.7	1.3	.4	1.0	.6												26	26	54	33
50/ 49	.8	1.9	2.1	1.3	1.0													37	37	61	47
48/ 47	.2	3.5	1.9	.4	.4													33	33	62	36
46/ 45		1.7	1.5	.6														20	20	42	56
44/ 43		2.5	.2															14	14	42	73
42/ 41	.4	3.1	.2															19	19	26	81
40/ 39	.4	1.3																9	9	14	62
38/ 37	.2	.2																2	2	9	41
36/ 35	.2	.2																2	2	1	21
34/ 33	1.2																	6	6	7	13
32/ 31																					7
30/ 29																					1
24/ 23																					1
TOTAL	3.8	18.6	12.3	11.1	13.6	12.9	8.3	9.0	6.5	2.9	.4	.2	.4						521		521
																		521		521	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	2325082	33280	63.9	19.575	521
Dry Bulb	1770372	29906	57.4	10.165	521
Wet Bulb	1321770	26040	50.0	6.243	521
Dew Point	1019222	22846	43.9	5.788	521

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			20.3	7.0	1.1		93
Wet Bulb							93
Dew Point		1.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 63-70 YEARS — MONTH

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 DB WB	Dry Bulb	TOTAL Wet Bulb	Dew Point
80/ 79								.3												1	1		
76/ 75							.3	.3												2	2		
74/ 73							.3	.3												2	2		
72/ 71							.3	.5	.3											4	4		
70/ 69						.8	.5	1.0		.5										11	11		
68/ 67				.3	.5	2.3	.8	.8	.3	.3										20	2[illegible]		
66/ 65			.3	.3	.8	1.3	1.0	.8	.3											18	18	1	
64/ 63			.3	.5	1.3	1.3	1.0	.3												18	18	1	
62/ 61			.3	.3	2.5	2.3	.8													24	24	4	
60/ 59			.8	.5	2.0	.8	.8	.3												20	2[illegible]	1[illegible]	[illegible]
58/ 57			.8	1.3	2.5	1.3														23	23	1[illegible]	[illegible]
56/ 53		.8	1.3	2.3	3.8	.8														35	35	2[illegible]	[illegible]
54/ 53	.3	.5	1.0	4.6	1.3															30	[illegible]	33	[illegible]
52/ 51	.5	.8	5.9	1.3	1.5	.3														40	4[illegible]	3[illegible]	[illegible]
50/ 49	.8	4.[illegible]	2.5	2.3	.8															44	44	44	24
48/ 47	.5	2.5	1.5	.8	.3															22	22	76	41
46/ 45	.5	4.3	1.3	1.0																28	28	39	61
44/ 43	.3	1.5	.5	.5																11	11	33	57
42/ 41	1.0	4.3	.8																	24	24	23	46
40/ 39	.3	1.5																		7	7	22	43
38/ 37		.5																		2	2	6	34
36/ 35		.3																		1	1	1	15
34/ 33	1.3																			5	5	5	14
32/ 31	.3																			1	1	1	4
TOTAL	5.6	21.9	17.0	15.8	17.3	10.7	5.6	4.3	.8	.8											393		393
																			393	393			

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2061626	37666	70.4	17.055	393
Dry Bulb	1180609	21265	54.1	8.744	393
Wet Bulb	937877	19061	48.5	5.845	393
Dew Point	764616	17204	43.8	5.415	393

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.		.2	9.5	1.2			93
Dry Bulb		.2					93
Wet Bulb		.9					93

USAFETAC FORM 0-26-5 (GLA) XX 64 REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-69 YEARS | MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				1.7	1.7													2	2		
60/ 59				1.7		1.7												2	2		
58/ 57			1.7	3.3														5	5		
56/ 55			6.7	5.0	1.7													13	13	1	
54/ 53		1.7	5.0															4	4		
52/ 51		1.7	10.0	1.7														13	13	7	2
50/ 49		1.7	3.3															5	5		1
48/ 47		5.0		1.7														7	7	5	
46/ 45		3.3	5.0															8	8	3	0
44/ 43		10.0																10	10	4	
42/ 41	3.3	8.3																11	11	1	5
40/ 39	8.3	1.7																10	10	1	14
38/ 37		3.3																3	3	2	5
36/ 35																				1	4
TOTAL	11.7	36.7	31.7	15.0	3.3	1.7												100	100	25	31

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.	419097	4973	82.9	10.829	60							
Dry Bulb	143964	2912	48.5	6.683	60							93
Wet Bulb	127175	2745	45.8	5.193	60							93
Dew Point	113821	2599	43.3	4.586	60							93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67-69 YEARS | MONTH

PAGE 1 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.S.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			11.1															1			
56/ 55		22.2																2	2		
54/ 53		33.3																3			
52/ 51		11.1																1	1		
50/ 49																					
38/ 37	22.2																	2	2		
TOTAL	22.2	66.7	11.1															9			

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.	75000	820	91.1	6.009	9							
Dry Bulb	23901	459	51.0	7.842	9							9
Wet Bulb	22496	446	49.6	7.020	9							9
Dew Point	21448	436	48.4	6.386	9							9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						1.0												2			
64/ 63				.5														1	1		
62/ 61			1.0	1.0														4	4		
60/ 59		1.5	1.5	1.0														3	3		
58/ 57	.5	2.9	1.9															11	11		
56/ 55	1.0	3.4	1.5															11	11	14	
54/ 53	1.0	9.2	2.4	.5														27	27	19	14
52/ 51	.5	10.2	2.9															28	28	24	24
50/ 49	3.4	5.8	2.9															25	25	3	32
48/ 47	1.5	7.3	1.5															21	21	27	19
46/ 45	4.4	5.3	.5															21	21	26	31
44/ 43	1.9	6.8	.5															19	19	27	22
42/ 41	3.4	2.4																12	12	14	24
40/ 39	2.4	.5	.5															7	7	7	13
38/ 37	2.9	.5																7	7		7
36/ 35		.5																1	1	1	1
34/ 33		.5																1	1	1	1
32/ 31																				1	1
30/ 29																					1
TOTAL	22.8	56.8	16.5	2.9		1.0													206		206
																		206		206	

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.	1688225	18573	90.2	8.169	206							
Dry Bulb	513086	10198	49.5	6.338	206			.9	.9			93
Wet Bulb	478956	9868	47.9	5.522	206		.4					90
Dew Point	453867	9607	46.6	5.335	206		.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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
78/ 77								.2										1			
74/ 73							.4											2	2		
72/ 71				.2	.6	.6	.2											8			
70/ 69					.6	.4												5	5		
68/ 67			.4	1.1	2.3	.4	.2											23	23		
66/ 65			.8	1.0	.8	.6												16	16	2	
64/ 63			1.9	2.3	1.1	.2												29	29	3	1
62/ 61		1.0	2.9	2.5	.8	.2												38	38	2	4
60/ 59		1.5	2.5	2.9	1.0													41	41	35	12
58/ 57		4.4	3.8	1.9	.4													55	55	51	23
56/ 55		4.4	2.9	1.9	.6													51	51	64	52
54/ 53	1.0	6.1	3.1	1.3	.2													61	61	58	41
52/ 51	.2	5.2	2.3	.2														41	41	53	44
50/ 49	1.0	4.0	2.9	.2														42	42	09	52
48/ 47	.5	3.6	1.7															31	31	34	49
46/ 45	1.5	3.1	1.1															30	31	41	54
44/ 43	1.9	2.3	.4															24	24	31	46
42/ 41	1.5	.8																12	12	21	33
40/ 39	.8	.6																7	7	1	19
38/ 37	.6	.2	.2															5	5	4	12
36/ 35																				2	1
34/ 33																					1
32/ 31																					1
TOTAL	9.0	37.2	26.8	15.5	8.2	2.3	.8	.2											522		522
																		522		522	

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.	3571234	42772	81.9	11.302	522							
Dry Bulb	1603011	28659	54.9	7.533	522			6.7	.5			9
Wet Bulb	1409121	26945	51.6	5.919	522							9
Dew Point	1279765	25685	49.2	5.530	522		.2					9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W.B	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.2							1	1		
84/ 83										.4								2	2		
82/ 81									.2	.2								2	2		
80/ 79								1.0	.4	.2								4			
78/ 77							1.0	1.5	.2	.2								15	15		
76/ 75						.2	1.9	1.0	.4									18	18		
74/ 73					.6	1.3	2.5	.6										26	26		
72/ 71				.6	1.1	3.1	2.5	1.0										43	43		
70/ 69				1.1	1.7	3.3	1.1	.2										39	39		
68/ 67			.2	1.1	2.7	1.7	.8	.4										36	36		
66/ 65			.2	1.3	2.1	1.3	1.0											31	31	2	
64/ 63			1.3	2.5	1.5	2.3	1.3											47	47	4	6
62/ 61		.2	1.0	1.9	1.5	.8	.2											29	29	5	3
60/ 59		.2	.6	2.3	1.7	.6	.4											30	3	6	2
58/ 57	.2	1.1	1.9	.8	1.1	.8												31	31	5	4
56/ 55	.2	2.1	2.1	1.9		.2												34	34	4	6
54/ 53		2.5	1.3	.4	.4	.2												25	25	5	6
52/ 51	.2	1.0	1.1	.6	.2													16	16	4	6
50/ 49	.2	2.9	1.5	.4														26	26	2	5
48/ 47	.4	2.9	2.1															28	28	2	4
46/ 45	.6	1.5	.2															12	12	3	4
44/ 43	.6	1.5	.2															12	12	1	4
42/ 41	.2	1.1																7	7	1	2
40/ 39		.8																4	4	5	2
38/ 37																				2	1
36/ 35																					1
TOTAL	2.5	17.8	13.8	14.9	14.8	15.7	12.6	5.6	1.1	1.0	.2							522	522		522
																				522	

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.	2563620	35666	68.3	15.595	522							
Dry Bulb	2043303	32253	61.8	9.843	522			32.8	12.4	1.4		9
Wet Bulb	1604092	28730	55.0	6.621	522			.2				9
Dew Point	1346020	26328	50.4	5.897	522							9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-73 YEARS — MONTH

 12^^-14^ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B. W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89												.2						1	1		
88/ 87											.4							2	2		
86/ 85										.4	.6							5	5		
84/ 83									.4	.4	.2							5	5		
82/ 81								.2	2.0	.4	.2							14	14		
80/ 79							.8	1.6	.2	.2	.8							23	23		
78/ 77						.2	1.8	2.3	.6	.2								26	26		
76/ 75						.6	3.3	1.8	1.2									35	35		
74/ 73				.4	.6	1.2	2.5	2.0	.6									37	37		
72/ 71				.6	.6	2.5	2.3	.8	.6									38	38		
70/ 69					1.0	1.8	1.2	.4	.2									23	23		
68/ 67			.2	.8	1.4	2.3	1.4	1.8	.2									41	41	2	
66/ 65			.8	1.0	2.1	1.8	1.4	.6										39	39	51	1
64/ 63			1.2	1.2	.6	.6	1.2	.4										26	26	43	5
62/ 61		.8	1.4	1.0	.8	.6												23	23	57	12
60/ 59	.2		1.0	1.6	1.2	.2	.6											24	24	62	32
58/ 57		1.0	2.0	1.2	.8	.4												27	27	47	51
56/ 55		1.4	1.4	.8		.4												20	20	43	62
54/ 53	.4	.4	.8	1.4	.6	.2												19	19	54	65
52/ 51		1.2	1.8	1.6	.4													25	25	53	
50/ 49		2.3	1.6	.2	.2													22	22	29	57
48/ 47	.2	1.0	.4															9	8	31	43
46/ 45	1.0	2.5																18	18	25	47
44/ 43	.2	1.4																8	8	17	3.
42/ 41		.6																3	3	8	23
40/ 39																				2	14
38/ 37																					7
36/ 35																					6
TOTAL	2.0	12.5	12.3	11.5	10.2	12.7	16.4	11.7	6.8	1.6	2.1	.2						512		512	
																		512			512

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2157452	32064	62.6	17.101	512
Dry Bulb	2229036	33338	65.1	10.680	512
Wet Bulb	1663921	28979	56.6	6.813	512
Dew Point	1347431	26075	50.9	6.176	512

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			43.9	26.0	6.3		9
Dry Bulb			3.5				9
Wet Bulb							9
Dew Point							9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-73 YEARS | MONTH

HOURS (L. S. T.)

Temp. (F)	WB 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	DB 11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 39												.4	.2					3	3		
88/ 87												.4						2	2		
86/ 85											.4	.2						3	3		
84/ 83								.2	.4	.6	.6							9	9		
82/ 81							.2	.4	1.6	.4	.2							14	14		
80/ 79							.4	2.0	1.0	.8	.4							23	23		
78/ 77						.2	1.8	2.0	1.0	1.2	.2							31	31		
76/ 75					.4	.4	2.2	2.0	1.2		.2							32	32		
74/ 73				.4	.4	1.8	1.2	1.2	.8									29	29		
72/ 71					.4	2.4	2.6	.8	.4									33	33		
70/ 69				.6	1.6	1.8	1.0	1.4	.2	.2								34	34	4	
68/ 67				.4	1.8	1.6	2.4	1.4										30	3	17	
66/ 65			.4	1.0	1.8	1.2	.6	.4										27	27	39	2
64/ 63			.2	.8	2.8	1.2	.6											28	28	5	4
62/ 61		.2	.6	1.2	1.6	.6	.8											25	25	55	9
60/ 59		.6	1.2	2.8	.8	.4												29	29	51	2
58/ 57	.2	1.0	1.8	.2	.8	.4												22	22	59	4
56/ 55	.2	.6	.6	.8	.4													13	13	57	64
54/ 53		.8	3.2	1.0		.2												26	26	39	43
52/ 51	.2	1.8	2.4	.8	.4													25	25	23	7
50/ 49	.4	1.8	.8	.6														18	18	39	45
48/ 47	.4	2.0	.2															13	13	35	50
46/ 45	1.0	2.2	.4															18	18	22	51
44/ 43	.4	.6																5	5	17	35
42/ 41	.4	.4																4	4	5	27
40/ 39																				1	1
38/ 37																					
36/ 35																					
TOTAL	3.2	11.8	11.6	10.5	13.0	12.0	13.4	11.6	6.5	3.2	2.0	1.0	.2					507	507		507
																		507		507	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2142043	31723	62.6	17.622	507
Dry Bulb	2208771	33005	65.1	10.907	507
Wet Bulb	1640702	28640	56.5	6.720	507
Dew Point	1324790	25746	50.8	5.861	507

Mean No. of Hours with Temperature	≤ 0 F	F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			44.6	25.9	7.8		9
Wet Bulb			3.7				9
Dew Point							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.3	.3	.3							3	3		
82/ 81								.6	.3									3	3		
80/ 79							.3	.3	.3									3	3		
78/ 77							.6	.9		.3								6	6		
76/ 75						.6	.9	.9		.3								9	9		
74/ 73				.3	.9	1.2	1.8	2.1	.6									23	23		
72/ 71				.9	1.5	1.8	.6											16	16		
70/ 69				.9	.6	1.2	2.1	1.2										23	23		
68/ 67			.6	1.2	2.1	1.2	1.2											21	21	7	
66/ 65			.6	.6	3.0	1.2	.9											21	21	14	1
64/ 63		1.2	1.5	1.8	2.1	2.1												29	29	24	4
62/ 61		.9	3.0	2.1	1.2	.6	.3											27	27	26	1
60/ 59		.6	2.7	1.5	.9	.6												21	21	33	22
58/ 57		2.4	2.1	1.8	1.2													25	25	49	24
56/ 55		1.5	2.1	.9	.9	.3												19	19	34	39
54/ 53	.6	1.2	1.8	1.5	.3													18	18	47	27
52/ 51		2.1	2.1	.3	.3													16	16	14	3
50/ 49	.6	1.5	1.5	.6														14	14	23	41
48/ 47	.9	2.4	.9	.3														15	15	24	3
46/ 45	1.2	3.0	.3															15	15	17	35
44/ 43	.6	1.5	.3															8	8	16	24
42/ 41	.3	1.2																5	5	9	15
40/ 39	.3																	1	1	2	11
38/ 37																					7
TOTAL	4.4	19.2	19.2	14.5	14.8	10.7	8.6	5.9	1.5	.9	.3							338		338	

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.	1780358	23942	70.8	15.829	338							
Dry Bulb	1289775	20619	61.0	9.738	338			27.7	12.5	2.1		0
Wet Bulb	1034214	18560	54.9	6.685	338			1.9				9
Dew Point	880281	17127	50.7	6.073	338							0

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 67-66 YEARS — MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67					9.1													1			
62/ 61				18.2	9.1													3	2		
60/ 59			27.3															2	3		
58/ 57		18.2	9.1															3	3		1
56/ 55		9.1																1	1		
54/ 53																					
52/ 51																					
50/ 49																					
TOTAL		27.3	36.4	18.2	18.2														11		11

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.	68484	862	78.4	9.667	11							9
Dry Bulb	39605	659	59.9	3.534	11			8.2				9
Wet Bulb	34314	614	55.8	2.040	11							9
Dew Point	30840	582	52.9	2.166	11							9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | MONTH

HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.5	.9	.5												4	4		
68/ 67			.5	.5	.9													4	4		
66/ 65			.5	.9	.5	.5												5	5		
64/ 63		.5	.9	.5														4	4		
62/ 61	.5	1.8	1.4	.5														9	9		
60/ 59		2.2	3.6	.9	.5													12	11		
58/ 57	5.0	9.0	.9															33	33	27	24
56/ 55	4.1	5.4	1.8	.5														26	26	3	2
54/ 53	5.4	5.4	3.2	.5														32	32	3	2
52/ 51	.5	4.1	1.8															14	14	2	17
50/ 49	3.2	3.6	1.4															18	17	21	24
48/ 47	3.4	3.6																2	2	2	2
46/ 45	3.2	3.2	.5															15	15	14	23
44/ 43	2.7	3.6	.5															15	15	13	17
42/ 41	1.4	.5																4	4		
40/ 39																					4
38/ 37																					
TOTAL	31.2	43.9	16.7	4.5	2.7	.9													221		221
																		221		221	

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.	1829623	19995	90.5	9.670	221							
Dry Bulb	645481	11863	53.7	6.285	221			3.4				93
Wet Bulb	604255	11495	52.0	5.378	221							93
Dew Point	576296	11226	50.8	5.247	221							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-7[illegible] YEARS | MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75									.2													1	1		
74/ 73						.8																4	4		
72/ 71				.6	.2	.2																5	5		
70/ 69			.2	.6	1.2	.2	.2															12	12		
68/ 67			1.[illegible]	2.4	1.6	.2	.2															27	27		
66/ 65		.2	2.2	2.6	.8	.4																36	36		
64/ 63		1.2	3.8	2.0	.2	.4	.2															38	38		
62/ 61		2.2	3.6	1.4	.6																	39	39	44	1[illegible]
60/ 59	.4	3.2	4.8	2.0	.4																	53	53	5[illegible]	4[illegible]
58/ 57	1.4	7.3	2.4	.6		.4																61	61	72	4
56/ 55	.8	6.5	2.8	.4		.2																54	54	63	74
54/ 53	.6	5.7	1.8	.8	.4																	47	47	64	4[illegible]
52/ 51	.4	5.3	2.4		.2																	42	42	49	8
50/ 49	1.8	4.0	1.2																			34	34	5[illegible]	77
48/ 47	1.4	2.8	.6																			24	24	3	4
46/ 45	1.8	2.2	.2																			21	21	29	97
44/ 43	.4	.6																				3	5	14	21
42/ 41	.4																					2	2	4	1[illegible]
40/ 39																									4
38/ 37																									2
TOTAL	9.3	41.2	27.1	13.3	5.5	2.8	.6		.2														505		5[illegible]
																						505		5[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3596110	42244	83.7	11.121	505
Dry Bulb	1686051	28981	57.4	6.739	505
Wet Bulb	1505680	27440	54.3	5.397	505
Dew Pnt.	1390892	26370	52.2	5.253	505

Mean No. of Hours with Temperature

Element	≤ 0 F	? F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							93
Dry Bulb			9.0	.9			93
Wet Bulb							93
Dew Pnt.							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-71 YEARS — MONTH

HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85											.4							2	2		
84/ 83							.2		.4		.2							4	4		
82/ 81									.2	.2								3	3		
80/ 79							.6	1.0	.4		.2							11	11		
78/ 77						1.4	.8	1.6	.2									21	21		
76/ 75					.8	2.2	2.8	.6	.4									34	34		
74/ 73				.4	1.2	2.2	1.8	.4	.4									32	32		
72/ 71				.8	3.0	3.0	.2	.2	.2									37	37		
70/ 69				1.6	4.4	1.4	.4		.2									40	40		
68/ 67		.2	.6	1.8	3.0	2.0	.8											42	42	22	
66/ 65		.2	1.2	2.6	3.4	1.2	.2											46	46	47	
64/ 63			1.6	1.4	2.0													25	25	33	11
62/ 61		1.2	2.0	3.6	.8	.2	.2											40	40	71	33
60/ 59		2.2	1.0	3.0	.8													35	35	47	6
58/ 57		1.8	1.6	1.4	.2													25	25	37	77
56/ 55		2.2	2.2	1.8	.4													33	33	54	72
54/ 53		3.2	2.0	.4														28	28	35	54
52/ 51		1.2	1.8	.2														16	16	34	87
50/ 49		2.0	.4															12	12	24	55
48/ 47	.4	1.8																11	11	24	31
46/ 45	.2	1.2																7	7	12	3
44/ 43	.2	.2																2	2	5	2
42/ 41																					
TOTAL	.8	17.2	14.3	18.8	19.8	13.9	7.9	4.0	2.4	.2	.8								515		505
																		505		505	

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.	2554990	35218	69.7	14.011	505							
Dry Bulb	2144538	32608	64.6	8.800	505			41.4	19.5	2.2		93
Wet Bulb	1714600	29276	58.0	5.876	505			4.4				93
Dew Point	1476563	27177	53.8	±.272	505							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17	18	19 - 20	21	22	23	24	25 - 26	27 - 28	29	30	≥ 31	DB WB	Dry Bulb	Wet Bulb	Dew Point
90/ 89																	.2					1	1		
88/ 87												.4										2	2		
86/ 85							.2		.8	.2	.4											8	8		
84/ 83						.2	.2	.4	.6	.6	.2	.4										14	14		
82/ 81						.2	1.4	1.0	1.7	.4	.2											24	24		
80/ 79					.2	.4	3.1	1.4	1.4		.2											33	33		
78/ 77						1.7	1.0	1.4	1.0	.2												26	26		
76/ 75				.2	.2	1.2	3.1	1.0	.4	.2												31	31		
74/ 73					1.2	3.3	1.7		.4													32	32	3	
72/ 71				.6	1.2	3.1	.8	.6														31	31	4	
70/ 69			.2	.2	2.7	2.7	2.1	.2														39	39	10	
68/ 67			.4	2.3	2.7	3.1	1.4	.2														49	49	30	
66/ 65			1.2	1.0	1.9	2.3	.2															32	32	47	4
64/ 63			.6	.8	1.7	.8	.2															21	21	57	21
62/ 61		.8	.8	1.0	2.3	1.0																29	29	57	33
60/ 59		1.0	1.0	1.9	1.2	.4																27	27	47	8
58/ 57		.6	2.1	1.2	.6																	22	22	43	9
56/ 55		.6	1.0	.8																		12	12	41	85
54/ 53	.2	1.7	.6	.2																		13	13	43	55
52/ 51	.6	1.4	2.3	.4																		23	23	29	44
50/ 49		2.1	.2																			11	11	13	89
48/ 47		.8																				4	4	17	4
46/ 45																								4	2
44/ 43	.2																					1	1	1	1
42/ 41																									
TOTAL	1.0	9.1	10.5	10.7	15.9	20.5	15.3	6.4	6.4	1.9	1.4	.4					.2						504		484
																					484			484	

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.	2030671	30533	63.1	14.709	484							
Dry Bulb	2292395	32987	68.2	9.563	484			55.7	32.9	11.5		93
Wet Bulb	1734378	28822	59.5	6.111	484			11.7	.4			93
Dew Point	1442034	26284	54.3	5.509	484			1.2				93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC FORM 338 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-72 YEARS — MONTH

PART I — 0300-17 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 DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87													.4					2	2		
86/ 85									.2	.2								2	2		
84/ 83							.2	.9	.4	.2	.7							11	11		
82/ 81							1.1	1.5	1.1	.2	.4							2	2		
80/ 79						.4	1.1	1.6	3.7	.9								36	34		
78/ 77					.2	1.5	2.0	2.0	.9									3	3		
76/ 75				.4	.4	.7	2.2	.2										18	13		
74/ 73					1.3	3.3	1.3	1.1	.2									33	33		
72/ 71				.4	1.5	3.7	1.5	.9										37	37	2	
70/ 69				1.8	3.7	2.2	2.4	.2										47	47	10	
68/ 67			.9	.2	1.5	1.8	.9	.2										25	26	25	1
66/ 65		.7	.9	.9	1.8	1.1	1.1	.2										30	31	42	5
64/ 63		.9	2.6	1.1	3.1	1.3	.4											43	43	7	24
62/ 61		.7	1.8	.9	1.5	.7												25	25	04	24
60/ 59		.9	.9	1.5	1.1	.2												21	21	41	53
58/ 57	.2	.4	1.1	1.3	.4													16	16	42	71
56/ 55		1.3	.7	.7														12	12	36	54
54/ 53	.2	1.3	1.3	.2														14	14	3	44
52/ 51	.2	.9	1.8	.4														15	15	21	52
50/ 49		1.1	.2															6	6	19	42
48/ 47	.7	.7	.2															7	7	14	35
46/ 45	.7	.2																4	4	3	20
44/ 43		.4																2	2	2	17
42/ 41																					3
TOTAL	2.0	9.4	12.3	9.9	16.7	16.9	14.3	9.0	6.6	1.9	1.1		.4					456	456	456	456

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.	1961834	29038	63.7	15.738	456							
Dry Bulb	2140030	30944	67.9	9.397	456			53.2	31.0	11.2		93
Wet Bulb	1626487	27097	59.4	5.984	456			9.4				93
Dew Point	1353241	24713	54.2	5.530	456			.2				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.3									1	1		
82/ 81							.6		.6									4	4		
80/ 79						.6	.6	.9	.6									9	9		
78/ 77					.3	1.2	1.5	.3	1.2	.3								14	14		
76/ 75					1.2	2.1	2.1	.9	.3									22	22		
74/ 73				.9	1.5	1.5	.6	.6										17	17		
72/ 71			.6	1.8	2.1	3.2	.3	.3										28	28		
70/ 69			.3	3.2	2.1	2.4	.6	.3										30	30		
68/ 67			2.1	2.9	1.5	2.7	.3											32	32	14	1
66/ 65		.9	2.7	1.8	1.5	1.2	.3											23	23	34	1
64/ 63		1.8	3.5	1.8	1.8	.6												32	32	41	21
62/ 61		1.8	2.9	2.4	1.8													30	30	54	22
60/ 59		2.7	.9	2.1	1.2	.6												25	25	41	47
58/ 57	.9	1.5	.3	.9	.6													14	14	37	46
56/ 55		1.2	.3	1.2	.6													11	11	21	41
54/ 53			1.5	.6														7	7	24	27
52/ 51		1.8	1.8															12	12	17	26
50/ 49	.6	.9	1.5															10	10	17	29
48/ 47	.6	1.5																7	7	19	27
46/ 45	.3	.6																3	3	2	15
44/ 43		.3																1	1	2	12
42/ 41																					5
40/ 39																					1
TOTAL	2.4	14.7	18.3	19.5	15.9	15.9	6.8	3.2	2.9	.3									339		339
																		339		339	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≤ 93 F	Total
Ref. Hum.	1771095	24011	70.8	14.434	339							
Dry Bulb	1467381	22125	65.3	8.317	339			43.6	18.9	1.4		93
Wet Bulb	1189282	19978	58.9	5.942	339			7.1				93
Dew Point	1034777	18623	54.9	5.889	339			.3				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 67 YEARS — MONTH

PAGE 1 — 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					25,0													1	1		
68/ 67					50,0													2	2		
66/ 65			25,0															1	1		
62/ 61																				2	
60/ 59																				2	1
56/ 55																					3
TOTAL			25,0		75,0													4	4		4
																	4			4	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19874	280	70,0	9,557	4							
Dry Bulb	18099	269	67,3	1,708	4			69.8				93
Wet Bulb	14765	243	60,8	,957	4							93
Dew Point	13008	229	57,0	2,000	4							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | MONTH

PAGE 1

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	25 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49 48/ 47		.0																2	2		
TOTAL		.0																2	2		

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.	17865	189	94,5		2							
Dry Bulb	5000	100	50,0		2							93
Wet Bulb	4802	98	49,0		2							93
Dew Point	4705	97	48,5		2							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-69 YEARS | MONTH

 HOURS (L.S.T.) 3 - 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.4												1	1		
66/ 65			.8															2	2		
64/ 63		.4	.8	.4	.4													5	5		
62/ 61	.4	.8	2.1															8	8	8	8
60/ 59	.4	2.5	1.2	.4														11	11	9	9
58/ 57	2.1	3.3	1.2															16	16	16	16
56/ 55	4.1	12.8		.4														42	42	39	2
54/ 53	4.5	8.6	2.1	.4														33	33	44	37
52/ 51	5.8	4.9	1.6															30	30	35	42
50/ 49	2.1	5.3	2.5															24	24	19	24
48/ 47	8.6	6.2	.8															38	38	39	21
46/ 45	2.9	2.5																13	13	24	33
44/ 43	.8	2.1																7	7	1	17
42/ 41	.4	.4																2	2	4	11
40/ 39	.8	.8																4	4	3	3
38/ 37	.4																	1	1	2	2
36/ 35	.4																	1	1	1	2
TOTAL	33.7	50.6	13.2	1.6	.4	.4												243	243		243
																		243		243	

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.	2089919	22463	92.4	7.450	243							
Dry Bulb	670463	12697	52.3	5.390	243			.4				93
Wet Bulb	637807	12391	51.0	4.966	243							93
Dew Point	614648	12162	50.0	4.957	243							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

PAGE 1 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	Dry Bulb	TOTAL Wet Bulb	Dew Point
74/ 73						.2		.2										2	2		
72/ 71					.4	.4	.4											6	6		
70/ 69				.2		.4	.2											4	4		
68/ 67		.2	.2	.7	.4													4	4		
66/ 65			1.1	1.3	.2	.2												16	16		
64/ 63		.7	2.8	.6	.2	.2												24	24		
62/ 61	.2	1.9	2.1	.7		.4												28	28	23	
60/ 59	.2	3.6	3.4	.7	.2													43	43	37	
58/ 57	1.1	6.7	1.3	1.1	.4													58	58	53	43
56/ 55	3.0	10.1	2.4	1.5	.4													93	93	87	63
54/ 53	3.4	5.8	2.4	.4	.2													68	68	77	92
52/ 51	3.6	5.6	1.7	.2														59	59	68	75
50/ 49	2.8	5.1	1.5	.4														52	52	64	74
48/ 47	2.1	4.5	.4															37	37	54	54
46/ 45	1.7	1.7																18	18	31	33
44/ 43	1.1	.9																11	11	17	23
42/ 41	.7	.4																6	6	7	17
40/ 39	.2	.6																4	4	4	6
38/ 37	.2																	1	1	1	4
TOTAL	20.2	47.8	19.5	7.9	2.2	1.7	.6	.2										534	534	534	534

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.	4183642	46938	87.9	10.418	534							
Dry Bulb	1623927	29267	54.8	6.108	534			3.5	.3			93
Wet Bulb	1493815	28115	52.6	5.045	534							83
Dew Point	1406281	27279	51.1	4.892	534							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-79 YEARS — MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89													.2					1	1		
86/ 85											.2							1	1		
84/ 83									.2	.2								2	2		
82/ 81								.4	.2	.2								4	4		
80/ 79							.4	.2	.2									4	4		
78/ 77						.4	.4	.6	.2	.2								9	9		
76/ 75					.2	1.1	.4	.2	.2									11	11		
74/ 73				.2	.7	1.3	1.1		.2									19	19		
72/ 71			.2	.6	1.1	2.1	.4											23	23		
70/ 69				2.1	2.1	1.7	.7	.4										37	37	1	
68/ 67			.4	1.1	2.4	1.9	.9	.2										37	37	1	
66/ 65		.2	.9	2.2	3.0	1.7	.2											44	44	2	3
64/ 63		.6	2.1	2.8	1.9	1.1	.2											46	46	3	5
62/ 61		.4	3.2	2.6	1.3	.7												44	44	4	2
60/ 59	.2	1.9	3.9	2.4	1.9	.4	.2											58	58	5	39
58/ 57	.6	4.3	2.1	2.4	.9	.2												56	56	8	5
56/ 55	1.9	4.7	1.7	.7														48	48	13	85
54/ 53	.7	3.4	1.7	.2														32	32	62	101
52/ 51	1.1	1.3	.7	.4														19	19	54	56
50/ 49	.4	2.6	.6															19	19	29	54
48/ 47	1.3	.9																12	12	29	56
46/ 45	.2	.6																4	4	5	31
44/ 43		.2																1	1	9	11
42/ 41		.4																2	2	1	.
40/ 39		.2																1	1	1	1
38/ 37																				1	1
TOTAL	6.4	21.5	17.4	17.8	15.5	12.5	4.9	1.9	1.1	.6	.2		.2					534	534	534	534

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.	2063604	39636	74.2	15.106	534							
Dry Bulb	2074567	33013	61.8	7.944	534			25.8	3.9	1.7		93
Wet Bulb	1714848	30134	56.4	5.191	534			1.9				93
Dew Point	1505632	28238	52.9	4.824	534							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS

 MONTH — HOURS (G.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93													.2					1	1		
90/ 89											.4	.2						3	3		
88/ 87										.2	.4	.2	.2					5	5		
86/ 85									.2	.2	.2	.2						4	4		
84/ 83									.2		.6							4	4		
82/ 81							.6	.2	.6	.6								10	1		
80/ 79						.2	.8	1.0	.2	.6								14	14		
78/ 77					.2	.4	1.2	.8	.2	.2								15	15		
76/ 75					.2	.2	1.7	1.2	.4									19	19		
74/ 73					1.2	1.9	1.9	.4	.8									32	32		
72/ 71				.4	.8	4.1	2.7	.4	.2									44	44		
70/ 69			.4	.6	2.5	2.9	2.1	1.2										50	50	1	
68/ 67			.8	1.4	3.3	3.3	.8											49	45	1	
66/ 65		.2	.6	.2	2.9	1.2	1.2	.2										33	33	3	4
64/ 63		.2	.6	2.5	1.4	.6	.2	.2										29	29	43	11
62/ 61		1.2	1.7	2.1	.8	.8	.2	.2										36	36	52	2
60/ 59		1.4	1.9	.8	.4	.2												24	24	64	34
58/ 57	.8	4.4	2.1	2.1	.4													51	51	74	83
56/ 55	1.0	2.7	2.7	.8	.2													38	38	63	94
54/ 53	.4	1.5	1.4	.4														19	19	33	107
52/ 51		2.3	.8															16	16	44	55
50/ 49		1.4	.6															10	10	17	64
48/ 47	.8	1.0																9	9	19	4
46/ 45	.2	.4																3	3	6	29
44/ 43																				3	17
42/ 41																					6
40/ 39																					1
38/ 37																					1
36/ 35																					1
TOTAL	3.1	16.6	13.5	11.2	14.1	15.6	13.3	5.6	2.7	1.7	1.5	.6	.4						518		51
																	518			518	

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.	2486413	34805	67.2	16.909	518							
Dry Bulb	2257291	33867	65.4	9.126	518			44.9	19.2	5.9	.2	93
Wet Bulb	1757706	30044	58.0	5.414	518			5.2				93
Dew Point	1481031	27581	53.2	4.912	518							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
90/ 89											.4							2	2		
88/ 87											.6	.4						5	5		
86/ 85										.4	.8	.2						7	7		
84/ 83									.2	.4	.4	.2						6	6		
82/ 81							.2		1.2	.2								3	3		
80/ 79							.2	.8	1.0									1	1		
78/ 77						.4	.4	1.6	.6	.8								19	19		
76/ 75					.4	1.0	2.4	.6	1.0									27	27		
74/ 73					.4	1.8	1.[illegible]	1.0	.4									24	24		
72/ 71				1.0	.4	1.8	2.0	.4	.2									29	29		
70/ 69			.4	.8	2.0	4.3	1.6	.4										47	47	4	
68/ 67			.2	1.8	2.9	3.3	1.2	.2										47	47	12	
66/ 65			.4	1.2	2.2	1.0	1.4											31	31	4[illegible]	1
64/ 63		.4	1.2	2.6	1.8	1.2	.4	.4										40	4[illegible]	41	[illegible]
62/ 61	.2	.8	2.6	1.8	.2	.6												31	31	51	13
60/ 59	.2	3.1	3.3	2.2	.8	.2												48	4[illegible]	79	3[illegible]
58/ 57	.2	1.6	.6	2.2	.6													26	26	54	62
56/ 55	.4	2.0	.6	1.2	.2													22	22	48	[illegible]
54/ 53	1.0	3.5	1.8															31	31	47	8[illegible]
52/ 51		.8	.2															5	5	34	5[illegible]
50/ 49		1.2	.2															7	7	22	54
48/ 47	.2	.8																5	5	7	32
46/ 45	.8	1.4																11	11	9	3
44/ 43	.2	.4																3	3	8	1[illegible]
42/ 41																					
40/ 39																					1
38/ 37																					1
TOTAL	3.3	16.1	11.0	15.1	12.0	15.7	11.2	5.5	4.7	1.8	2.2	.8							491		491
																		491		491	

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.	2321722	32718	66.6	16.996	491							
Dry Bulb	2143396	32120	65.4	9.279	491			43.8	20.5	6.4		93
Wet Bulb	169831	28423	57.9	5.436	491			3.0				93
Dew Point	1391392	26030	53.0	4.830	491							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 65-70 YEARS | MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	Dry Bulb	TOTAL Wet Bulb	Dew Point
86/ 85									.3	.3								2	2		
84/ 83									.3		.3							2	2		
80/ 79								.5	.3									3	3		
78/ 77						.5	.5											4	4		
76/ 75						.8	.5	.3										5	5		
74/ 73				.3	.8	.5	.8	.5										11	11		
72/ 71			.5	.3	2.1	.8	.3	.3										15	15		
70/ 69			.5	.5	1.6	.5	.3											13	13		
68/ 67			1.6	1.9	1.9	.8	.3											24	24	1	
66/ 65		.8	2.9	2.1	3.2	1.9	.5											43	43	14	4
64/ 63		1.1	3.2	2.4	1.3	.3	.3											32	32	23	7
62/ 61		2.9	3.7	3.5	1.6	.5												46	46	33	22
60/ 59	.3	2.9	3.2	4.0	.3	.3												41	41	47	37
58/ 57	.8	5.9	2.9	1.6														42	42	6	42
56/ 55	1.1	4.8	.8	1.3														30	30	55	55
54/ 53	.8	2.7	1.9	.5	.3													23	23	44	51
52/ 51	.5	2.1		.5														12	12	24	5
50/ 49	.3	2.1	.5															11	11	13	52
48/ 47	.3	1.3																5	6	12	2
46/ 45	.3	.8																4	4	4	12
44/ 43	.3	.3																4	4	3	2
42/ 41																				2	6
40/ 39																					1
TOTAL	4.5	28.3	21.9	18.9	13.1	6.9	3.5	1.6	.8	.3	.3							375		375	376
																		375		375	

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.	2287189	28625	76.9	13.827	375							
Dry Bulb	1436653	23045	61.5	7.397	375			20.1	6.9	1.5		93
Wet Bulb	1219056	21292	56.8	5.203	375			2.7				93
Dew Point	1088216	20112	53.6	5.058	375							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67-69 YEARS | MONTH

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 DB WB Dry Bulb	TOTAL Wet Bulb	Dew Point
62/ 61		6.7		6.7																	2	2	
60/ 59	20.0	26.7	6.7																		4	4	4
58/ 57		6.7																			1	1	1
56/ 55																							
54/ 53		6.7	13.3																		3	2	2
52/ 51		6.7																			1	1	2
50/ 49																							1
48/ 47																							
TOTAL	20.0	53.3	20.0	6.7																	15	15	15

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.	122482	1351	90.1	7.57	15							
Dry Bulb	50380	868	57.9	3.292	15							93
Wet Bulb	47438	842	56.1	3.523	15							93
Dew Point	45468	824	54.9	3.807	15							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 66-67,69 YEARS | MONTH

HOURS (G.M.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29	30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		3.2																		1	1		
62/ 61			3.2																	1	1		
60/ 59			3.2																	1	1		
58/ 57	3.2	6.5																		3	3		
56/ 55	3.2		9.7																	4	4		
54/ 53	3.2	3.2																		2	2	2	2
52/ 51		16.1																		5	5	3	3
50/ 49	9.7																			3	3		
48/ 47		9.7																		3	3	1	1
46/ 45	6.5																			2	2	2	2
44/ 43	3.2	9.7																		4	4	2	2
42/ 41																							1
TOTAL	35.5	48.4	16.1																		31		31
																			31				

Element (X)	ΣX^2	ΣX	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	270888	2890	93.2	6.939	31							
Dry Bulb	84841	1613	52.0	5.517	31							90
Wet Bulb	80781	1575	50.8	5.036	31							90
Dew Point	78412	1552	50.1	4.871	31							5

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 63-69 YEARS | MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.4																								
58/ 57	2.1	2.1	.4	.4	.4																			13	13		
56/ 55	3.0	5.1	1.3																					22	22		
54/ 53	3.8	2.5	.4																					16	16		
52/ 51	3.8	4.2	4.7	.4																				31	31		
50/ 49	3.0	8.5	.8	.4																				30	30		
48/ 47	8.1	6.4	.8																					34	34		
46/ 45	11.4	3.0	1.7																					38	38		
44/ 43	7.2	.8																						19	19		
42/ 41	3.4	2.1																						13	13		
40/ 39	1.3	.8																						5	5		
38/ 37	2.1	.8	.4																					7	7		
36/ 35		.8																						2	2		
34/ 33	.8																							2	2		
32/ 31																											
TOTAL	50.0	37.3	11.0	1.3	.4																				236		
																								236		234	

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.	2083188	23094	93.6	7,930	236							
Dry Bulb	558162	11410	48.3	5,266	236							9
Wet Bulb	534724	11172	47.3	4,991	236							9
Dew Point	516710	10976	46.5	5,150	236		1.1					9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PAGE 1

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.2													1	1		
66/ 65					.2	.2													2	2		
64/ 63				.2															1	1		
62/ 61		1.0	.6	.2															9	9		
60/ 59		1.2	.8	.2	.4	.2													14	14	8	5
58/ 57	1.8	2.2	1.8	.4	.2														32	32	23	9
56/ 55	1.8	7.3	1.8	.2															56	56	37	27
54/ 53	1.8	4.2	1.6	1.2															44	44	50	63
52/ 51	3.0	4.5	3.6	.2															57	57	41	57
50/ 49	2.8	8.7	2.6	.8															75	75	53	44
48/ 47	5.7	5.9	2.2	.2															71	71	91	71
46/ 45	5.5	3.4	1.0																50	50	64	44
44/ 43	3.8	4.2	.2																41	41	54	6
42/ 41	2.4	1.2																	18	18	33	27
40/ 39	1.6	.8	.2																13	13	3	24
38/ 37	1.0	.4																	7	7	17	11
36/ 35	.8	.2																	3	5	4	2
34/ 33	1.0	.2																	6	8	7	2
32/ 31	.6	.2																	4	4	4	4
30/ 29																						1
TOTAL	33.4	45.5	16.2	3.6	.8	.6														506		5 5
																			06		506	

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.	4230130	46032	91.0	9.173	506							
Dry Bulb	1260450	25068	49.5	6.060	506		.7	.2				9
Wet Bulb	1185937	24335	48.1	5.557	506		.7					9
Dew Point	1128315	23725	46.9	5.613	506		.9					9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25	26	27	28	29 - 30	≥ 31	D B	W.B	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.2		.2										3	2			
78/ 77								.4													2	2			
76/ 75					.2		.9	.2													7	7			
74/ 73					.4	.4	.2	.4													7	7			
72/ 71				.2	.2	.6	.9		.2												11	11			
70/ 69				.4	1.1	.8	.8	.2													17	17			
68/ 67			.4	.2	1.9	.6	.4														18	18			
66/ 65		.2	.6	1.7	2.3	.6	.2														29	29			
64/ 63			.8	2.7	1.3	1.1	.2														32	32			
62/ 61		.8	2.5	2.7	1.7	.4															42	42			
60/ 59		1.1	3.8	3.4	1.3	.6	.2														55	55			
58/ 57	.4	5.5	3.6	3.4	1.1	.6															77	77			
56/ 55	.2	2.3	1.9	2.7	1.7																46	46			
54/ 53	.4	3.6	4.5	3.4	.2																64	64			
52/ 51	.9	2.8	3.2	1.1																	43	43			
50/ 49	1.3	2.1	.9	.8																	28	28			
48/ 47	2.5	1.5	1.3																		29	29			
46/ 45	.4	1.3	.4																		11	11			
44/ 43	.4	1.1																			9	8			
42/ 41		.2																			1	1			
40/ 39																									
TOTAL	6.6	22.5	23.9	22.5	13.4	5.5	3.8	1.1	.4		.2										528		528		

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.	3161157	40211	76.2	13.692	528							
Dry Bulb	1793839	30545	57.9	7.131	528			10.9	3.1	.2		9
Wet Bulb	1511686	28120	53.3	5.169	528			.2				9
Dew Point	1328317	26349	49.9	5.045	528							9

USAFETAC FORM 0-26-5 (OL A) 82 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-7C YEARS — MONTH

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	) - 20	21 - 22	23	24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.4										2	2		
82/ 81									.6	.4	.2									6	6		
80/ 79								.8	1.2	.2										11	11		
78/ 77							.8	.4	.2											7	7		
76/ 75							.8	.8	.4											10	10		
74/ 73					.2	.4	.6	1.0	.4											13	13		
72/ 71				.4	1.2	1.2	1.2	.6	.2	.2										25	25		
70/ 69				.4	1.4	3.2	.6	.2	.2											30	30		
68/ 67				1.2	4.1	3.9	.6													50	50		
66/ 65			.8	2.0	5.1	2.8	.8													59	59	21	
64/ 63		.2	.6	3.2	2.2	2.0	.6	.2												45	45	24	1
62/ 61		.6	1.8	3.7	3.6	1.2	.2	.2												57	57	47	2
60/ 59	.2	.6	1.6	1.6	2.8	.8														38	38	73	1
58/ 57	.2	2.0	1.4	1.6	2.6	.6														43	43	77	37
56/ 55	.2	1.2	2.4	2.6	.6															35	35	7	61
54/ 53		2.2	2.2	.4	.4	.2														27	27	54	72
52/ 51	.2	1.6	.6	.6																15	15	54	67
50/ 49	.8	1.6	1.6	.6																23	23	52	73
48/ 47	.2	.8																		5	5	22	47
46/ 45		.8																		4	4	17	37
44/ 43	.2	.2																		2	2	5	31
42/ 41	.2																			1	1	2	10
40/ 39																							2
38/ 37																							1
36/ 35																							1
34/ 33																							1
TOTAL	2.2	11.6	12.8	18.1	24.1	16.4	6.1	4.1	3.2	1.2	.2									507	507	507	507

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.	2377158	33922	66.9	14.578	507							
Dry Bulb	2022824	31782	62.7	7.767	507			27.3	8.7	2.5		9
Wet Bulb	1586121	28241	55.7	5.076	507							9
Dew Point	1323253	25775	50.8	5.049	507							9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64,66-70 YEARS — MONTH

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 - 13	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.2								1	1		
82/ 81								.2		.4								3	3		
80/ 79								.2	.4	.6								5	6		
78/ 77							.6	.9	.2									9	4		
76/ 75				.2		.2	1.3											11	7		
74/ 73				.2	.2	.9	.9	.9		.4								16	16		
72/ 71				.4	.6	3.2	.9											24	24		
70/ 69				.4	1.5	1.7	1.5	.2										25	25	1	
68/ 67			.2	.6	3.0	1.7	.6	.2										39	37	2	1
66/ 65			.6	2.6	4.1	2.1	.2	.2										46	46	14	3
64/ 63		.2	1.3	4.3	2.4	3.2												53	53	27	4
62/ 61		.2	3.0	2.6	3.8	.9		.2										50	50	43	9
60/ 59	.4	1.5	1.1	2.1	2.8	.6	.2											41	41	67	15
58/ 57	.2	3.8	1.9	3.0	2.4	.2												54	54	74	46
56/ 55	.2	3.0	1.3	2.6	.4													35	35	65	6
54/ 53	.2	1.1	1.1	1.5	.4													25	23	5	7
52/ 51		1.5	.9	.6														14	14	43	8
50/ 49	.6	1.9	.9															16	16	32	6
48/ 47	.4	.9	.4															8	5	25	5
46/ 45	.4	1.1																7	7	11	45
44/ 43		.6																3	3	4	23
42/ 41																				2	12
40/ 39																					1
38/ 37																					4
36/ 35																					1
TOTAL	2.6	15.8	12.6	21.2	21.6	14.7	6.2	3.0	.6	1.7									468		468
																	468		468		

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.	2337484	32388	69.2	14.338	468							
Dry Bulb	1830911	29055	62.1	7.615	468			23.3	8.1	1.3		9
Wet Bulb	1464875	26071	55.7	5.180	468			.6				9
Dew Point	1241115	23981	51.2	5.131	468			.2				0

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TÖLZ GERMANY AAF STATION NAME — 66-70 YEARS — MONTH

HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 24	25 26	27 - 28	29 30	31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.3									1	1		
74/ 73					.3	.5	.3											4	4		
72/ 71					.3													1	1		
70/ 69			.3	.5	.8	.3												7	7		
68/ 67			.5	1.8	1.3	.5	.3											17	17		
66/ 65		.5	.8	1.3	1.5	1.0	.3											21	21	3	
64/ 63		.5	2.3	1.5	.8	.3												21	21	9	4
62/ 61	.3	1.8	4.9	1.3	.8													35	35	22	7
60/ 59		2.8	4.6	1.5	.3													37	37	32	9
58/ 57	.5	6.4	3.6	1.8	.3													49	49	44	2
56/ 55	.5	5.4	4.6	1.5			.3											48	48	52	48
54/ 53	1.3	4.6	4.4	1.5														44	44	54	51
52/ 51	1.8	4.6	1.3	.8														32	32	45	6
50/ 49	.8	3.4	3.4															29	29	39	4
48/ 47	1.5	3.9	1.5	.3														26	26	35	13
46/ 45	.5	2.6																12	12	8	3
44/ 43																				9	2
42/ 41																					11
38/ 37																					1
32/ 31																					1
TOTAL	7.2	36.6	32.7	13.9	6.4	2.6	1.0		.3									388	388	361	344

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.	2662557	31851	82.1	11.126	388							90
Dry Bulb	1256734	22038	56.8	6.225	388			7.0	1.2			90
Wet Bulb	1122033	20775	53.5	4.996	388			.2				90
Dew Point	1024185	19839	51.1	5.029	388		.2					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 66-67,69 YEARS — MONTH

PAGE 1 HOURS - STD

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65		4.5																2	2		
64/ 63				3.0														2	2		
62/ 61		1.5	3.0	3.0														5	5		
60/ 59	3.0	4.5	6.1		1.5													15	15	9	9
58/ 57	1.5	3.0	1.5															4	4	11	3
56/ 55		7.6	3.0															7	7	9	9
54/ 53	4.5	1.5	1.5															5	5	8	12
52/ 51		4.5																3	3	4	4
50/ 49	10.6	6.1																11	11	12	10
48/ 47	3.0	7.6																7	7	8	5
46/ 45	3.0	7.6																7	7	7	5
44/ 43	1.5	1.5																2	2	4	8
42/ 41																				1	2
TOTAL	27.3	50.0	15.2	6.1	1.5													66	65	66	66

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.	547637	5985	90.7	8.863	66							
Dry Bulb	193677	3553	53.8	6.086	66							9
Wet Bulb	181090	3440	52.1	5.252	66							9
Dew Point	173395	3367	51.0	5.003	66							9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | MONTH

HOURS L.S.T.

Ten o. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W.B. Dry Bulb	Wet Bulb Dew Point
40/ 39		.0																2	2
38/ 37																			
TOTAL		.0																2	2

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.	16385	181	90.5		2							
Dry Bulb	3121	79	39.5		2							93
Wet Bulb	2965	77	38.5		2							93
Dew Point	2738	74	37.0		2							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-69 YEARS — MONTH

 3 - 5 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.4														1			
58/ 57		.4	.4	.4		.4													4	4		
56/ 55	.8	.4																	3	2	4	
54/ 53	1.7	2.1	2.1																14	14	9	7
52/ 51	.4	4.2	1.7																15	15		8
50/ 49	2.5	4.6	2.1																22	22	4	1
48/ 47	2.1	3.8	1.7																18	13	24	7
46/ 45	2.5	3.8	1.7	.4															20	2	17	23
44/ 43	2.9	5.5	.4																21	21	23	16
42/ 41	5.5	3.4	.4																22	22	20	27
40/ 39	5.5	3.4	1.7																25	25	23	27
38/ 37	3.8	3.8	.4																19	19	19	23
36/ 35	2.9	5.5																	20	2	22	11
34/ 33	1.7	2.5																	10	1	13	13
32/ 31	1.3	2.9																	10	10	12	11
30/ 29	1.7	.8																	5	6	7	17
28/ 27	1.3	1.7																	7	7	5	5
26/ 25		.4																	1	1	2	1
24/ 23																						3
22/ 21																						2
TOTAL	36.6	49.2	12.6	.8	.4	.4													238	238	238	234

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.	1988077	21657	91.0	8.564	238							
Dry Bulb	443846	10126	42.5	7.413	238		9.4					93
Wet Bulb	417489	9829	41.3	6.906	238		11.3					93
Dew Point	392955	9519	40.0	7.185	238		15.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
68/ 67						.2														1	1		
66/ 65							.2													1	1		
64/ 63							.2													1	1		
62/ 61						.4														2	2		
60/ 59					.4	.2														3	3		
58/ 57		.4	.2		.2	.2														5	5	5	5
56/ 55	.7	.9	1.1	.2	.2															17	17	17	17
54/ 53	1.3	.7	1.1	.2																18	18	16	16
52/ 51	.7	3.4	1.1	.5																32	32	23	1
50/ 49	2.3	3.8	1.3	.5																44	44	4	35
48/ 47	2.3	3.2	2.2	.4																45	45	47	44
46/ 45	3.2	2.9	2.2	.4																48	48	49	44
44/ 43	3.6	4.9	1.1	.2																54	54	53	39
42/ 41	2.9	4.0	1.1																	44	44	5	45
40/ 39	2.9	4.5	1.3																	48	48	51	51
38/ 37	3.6	5.2	.7																	53	53	54	53
36/ 35	2.3	4.5	.5																	41	41	43	4
34/ 33	3.1	3.2	.2																	36	36	43	57
32/ 31	2.5	2.0																		25	25	31	2
30/ 29	1.4	1.8																		18	18	14	33
28/ 27	.9	1.3																		12	12	16	13
26/ 25	.7	.2																		3	3	3	9
24/ 23	.2																			1	1	1	1
22/ 21																							3
20/ 19																							1
TOTAL	34.8	46.9	13.9	2.3	.7	.9	.4														554		554
																				554		554	

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.	4517922	49706	89.7	10.259	554							
Dry Bulb	1018291	23365	42.2	7.710	554		10.2	.2				93
Wet Bulb	948202	22578	40.8	7.122	554		12.3					93
Dew Point	881171	21719	39.2	7.329	554		18.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-7[illegible] YEARS | MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
74/ 73								.2	.2									2	2		
72/ 71							.2											1	1		
70/ 69							.7											4	4		
68/ 67					3	.2	.5	.2										7	7		
66/ 65				.3	.2	.7	1.2	.2										15	13		
64/ 63				.2	.8	.7	.7	.3										16	1[illegible]		
62/ 61			1.3	1.8	1.2	.7	.2	.2										32	32		
60/ 59		.5	1.3	1.5	1.2	.8	.3											24	24	7	
58/ 57		1.0	2.2	1.3	.8	.8	.3											39	39	25	4
56/ 55		1.8	2.2	2.0	1.3	.5	.2											48	48	43	[illegible]
54/ 53	.5	2.5	3.4	2.2	.7	.3	.2											39	59	57	2[illegible]
52/ 51	.3	2.3	1.5	1.0	.8	.3												38	38	51	4[illegible]
50/ 49	.7	3.2	2.3	1.7	.3	.3												51	51	53	56
48/ 47	1.3	1.7	1.7	1.5	.3													39	39	52	6[illegible]
46/ 45	1.2	2.7	2.7	.7	.2													44	44	53	4[illegible]
44/ 43	.8	1.7	1.3	.8	.3													3[illegible]	3[illegible]	44	47
42/ 41	1.2	3.9	1.0															36	36	45	56
40/ 39	1.2	1.2	1.5	.2	.3													26	26	43	[illegible]
38/ 37	1.5	3.7	.3	.2														34	34	24	42
36/ 35	.3	3.4	.5															25	25	38	35
34/ 33	.8	1.0																11	11	23	56
32/ 31	.3	.3																4	4	11	21
30/ 29		.3																2	2	3	13
28/ 27																				1	7
26/ 25																					2
24/ 23																					1
22/ 21																					1
20/ 19																					1
TOTAL	10.2	31.2	29.3	15.4	8.9	5.5	4.4	1.0	.2									597	597	597	597

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.	2693540	45992	77.0	15.865	597							
Dry Bulb	1546786	29918	50.1	8.926	597		.9	2.2	.3			93
Wet Bulb	1303199	27567	46.2	7.126	597		2.3					93
Dew Point	1112310	25400	42.5	7.286	597		7.6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-7(YEARS — MONTH

HOURS (L.S.T.) -14

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77										.2	.2								2	2		
76/ 75								.5	.2	.2									5			
74/ 73							.3	.5	.2										6	6		
72/ 71						.2	.9	1.0	.9										17	17		
70/ 69						.5	1.2	1.0	.9										21	21		
68/ 67				.3	.3	2.0	1.2	2.2	.2										37	37		
66/ 65			.3	1.0	2.6	2.4	1.9	1.0	.5	.3									56	56		
64/ 63			1.0	.7	1.5	2.6	1.7	.3	.5										40	40		
62/ 61			1.2	1.7	.9	.9	.7	.3	.3										35	35	14	
60/ 59		.3	1.4	.9	1.4	1.5	.5	.3	.2										38	38	37	
58/ 57	.2	.5	1.7	.5	2.4	1.2	.2												39	39	51	13
56/ 55		1.0	.5	1.5	1.7	.7	.2												33	33	51	44
54/ 53	.2	2.6	1.4	1.0	.9	.9													40	4	74	37
52/ 51	.2	2.2	1.0	1.2	.9	.9													37	37	56	56
50/ 49	.3	1.0	.9	1.5	.7	.2													27	27	53	6
48/ 47	.2	1.0	.9	.3	.3														16	16	42	45
46/ 45	.5	1.7	2.9	.9															35	35	43	47
44/ 43		1.5	1.5																18	18	39	46
42/ 41	.3	1.2	.7																13	13	34	9
40/ 39	.3	2.0	1.0	.7															24	24	24	45
38/ 37	.7	3.1	.2																23	23	21	5
36/ 35	.2	.3	.3																5	5	24	27
34/ 33	.7	.3																	6	6		44
32/ 31	.2	.2																	2	2	2	2
30/ 29																						
28/ 27																						5
26/ 25																						2
TOTAL	3.9	19.1	16.9	12.3	13.5	13.8	8.7	7.3	3.7	.7	.2									597		597
																			587		387	

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.	2778120	38994	66.4	17.901	587							
Dry Bulb	1907146	32922	56.1	15.178	587		.3	13.9	2.1			93
Wet Bulb	1469389	29059	49.5	7.255	587		.5					93
Dew Point	1164671	25795	43.9	7.290	587		5.2					93

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PAGE 1 HOURS

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
78/ 77									.4									2	2		
76/ 75								.4										2	2		
74/ 73								.2	.2									7	7		
72/ 71						.5	.7	.5	.4									12	12		
70/ 69					.2	1.1	.9	.5										15	15		
68/ 67				.5	.2	.7	.5	.9	.2									17	17		
66/ 65				.7	1.9	1.4	1.1	.4	.2									32	32		
64/ 63			1.1	1.2	2.1	1.8	.2	.2										37	37		
62/ 61			1.6	2.6	1.8	.9	.7	.5	.4									43	43	14	
60/ 59		.4	1.4	1.6	1.8	.9	.5	.4										39	39	25	
58/ 57	.2	.7	3.2	1.2	1.4	.5	.5	.2										45	45	51	12
56/ 55		2.3	2.1	1.9	2.1	1.2	.2											56	56	62	18
54/ 53	.2	2.3	2.5	2.1	.5	.4												45	45	53	6
52/ 51	.4	1.1	1.4	1.2	.5													26	26	54	57
50/ 49		1.8	.9	1.8	.5													28	28	54	45
48/ 47	.2	1.4	1.6	.7	.7													26	26	51	33
46/ 45	.5	1.1	3.0	.5														29	29	33	5
44/ 43		1.2	2.6	.9														27	27	29	24
42/ 41	.2	2.5	1.4															23	23	34	47
40/ 39	.5	2.3	1.2	.5														26	26	34	47
38/ 37	.7	1.4	.4															14	14	23	37
36/ 35	.7	.2	.2															5	5	12	42
34/ 33	.5	.2																4	4	7	33
32/ 31	.5																	3	3	4	7
30/ 29	.2	.4																3	3	2	7
28/ 27																				1	3
26/ 25																					2
TOTAL	4.8	19.0	24.5	17.6	13.8	9.3	5.3	4.1	1.6										567		567
																		567		567	

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.	2990369	40175	70.9	15.937	567							
Dry Bulb	1724846	30794	54.3	9.623	567		1.0	8.2	1.0			93
Wet Bulb	1386271	27727	48.9	7.327	567		1.1					93
Dew Point	1141799	25099	44.3	7.372	567		5.2					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

DATE

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 DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67							.3											1	1		
66/ 65				.3	.3	.3												3	3		
64/ 63				.3			.3											2	2		
62/ 61		.3	.5	.5	.8													2	2		
60/ 59		.8	1.3	1.6	.3	.3												16	16	1	
58/ 57	.3	2.1	2.3	.5		.3												21	21		
56/ 55	.5	2.6	2.6	1.0		.3	.3											28	25	2	
54/ 53	.3	3.4	3.4	2.1														35	35	34	
52/ 51	1.6	6.8	1.8	.8	.3													47	43	34	2
50/ 49	1.3	8.8	1.3	.8														49	49	37	
48/ 47	1.8	4.9	3.1	1.0														42	42	47	47
46/ 45	1.6	4.9	1.3	.8														32	32	4	
44/ 43	1.0	4.4	1.6	.3														25	25	3	22
42/ 41	.8	4.9	1.0	.3														27	27	31	3
40/ 39	2.3	1.3	1.3															19	19	34	37
38/ 37	1.0	1.3	2.1															17	17	13	28
36/ 35	.3	.8	.5															6	6	13	15
34/ 33	.5	.3	.3															4	4	7	15
32/ 31	.8																	3	3	5	14
30/ 29																				1	6
28/ 27	.3																	1	1	1	1
26/ 25																					
TOTAL	14.3	47.5	24.4	10.1	1.6	1.3	.8											385	366		

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.	2814840	32628	84.7	11.374	385							
Dry Bulb	934079	18775	48.8	6.976	385		1.0	.2				93
Wet Bulb	842726	17850	46.4	6.278	385		1.7					93
Dew Point	767203	16995	44.1	6.653	385		3.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 67 YEARS | MONTH

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 DB WB.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47		20.0																1			
46/ 45																					
44/ 43																					
42/ 41		40.0																2	2		
40/ 39	20.0																	1	1		
38/ 37		20.0																1	1		
36/ 35																					
TOTAL	20.0	80.0																	5		
																		5			

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.	43158	464	92.8	4.970	5							
Dry Bulb	8698	208	41.6	3.362	5							93
Wet Bulb	8275	203	40.6	2.881	5							93
Dew Point	7866	198	39.6	2.510	5							93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-69 YEARS — MONTH

PAGE 1 — 3 - 5 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 DB WB.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63							.4											1	1		
60/ 59						.8												2	2		
58/ 57					.8		.4											3	3		
56/ 55					.4	.4												2	2		
52/ 51				.4														1	1	1	
50/ 49				1.1														3	3	1	
48/ 47		.8	.8	.4														5	5		
46/ 45		1.5	1.5	.4	.4													11	11	3	
44/ 43	.4	1.1	1.5	.8	.4													11	11	11	1
42/ 41	1.5	2.3	1.1															13	13	3	
40/ 39	1.1	4.5	1.9															27	27	11	1
38/ 37	2.6	3.8	1.5															21	21	23	1
36/ 35	4.9	7.1																32	32	31	23
34/ 33	2.6	2.6																14	14	31	24
32/ 31	4.5	6.4																29	29	19	3
30/ 29	6.0	4.1	.4															29	29	37	3
28/ 27	3.8	5.6																25	25	24	17
26/ 25	4.5	2.3																13	13	6	21
24/ 23	2.6	3.0																15	15	14	14
22/ 21	1.1																	3	3	7	12
20/ 19	1.1	.4																4	5	4	4
18/ 17																					6
16/ 15	.8																	2	2	2	2
14/ 13																					1
12/ 11																			1		2
10/ 9	.6																	2	2	3	
8/ 7		.4																1	1		1
6/ 5		.4																1	1	2	1
2/ 1																					6
TOTAL	38.3	46.2	8.6	3.0	1.9	1.1	.8												266		266	266
																		266		266	

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	2107382	23474	88.21	11.663	266							
Dry Bulb	325452	9036	33.7	8.824	268		43.7					9
Wet Bulb	295305	8637	32.5	7.489	266		43.6					9
Dew Point	260981	8105	30.5	7.274	266		53.8					9

USAFETAC FORM 0-26-5 (OL A) 83 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-73 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63							.2											1			
62/ 61						.4	.2											3			
60/ 59						.5												3			
58/ 57					.2	.2	.2											3			
56/ 55						.4												2			
54/ 53					.5													3			
52/ 51				.7	.7													8			
50/ 49			.7	.4														6			
48/ 47	.2	.5	1.3	.4														13			
46/ 45	.2	1.3	.9	1.1														19			
44/ 43	1.1	2.2	1.1	.5	.4													29			
42/ 41	.9	2.5	1.3	.4	.2													29			
40/ 39	1.4	3.4	2.7	.2														43			
38/ 37	1.4	4.2	1.6															43			
36/ 35	4.3	7.2	.2	.2														66			
34/ 33	3.4	6.0	.7	.2														37			
32/ 31	5.1	3.3	.2															47			
30/ 29	5.1	2.0																39			
28/ 27	4.5	4.0																47			
26/ 25	3.1	2.0																28			
24/ 23	1.1	2.9																22			
22/ 21	2.7	.5																18			
20/ 19	1.3	.2																8			
18/ 17	.9	.2																6			
16/ 15		.4																2			
14/ 13																					
12/ 11	.2	.4																3			
10/ 9	.5	.2																4			
8/ 7	.2																	1			
6/ 5	.2																	1			
4/ 3	.2																	1			
2/ 1																					
TOTAL	36.0	43.3	10.7	4.0	2.0	1.4	.5											552	554	552	552

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.	4260662	48026	87.0	12,216	552							
Dry Bulb	690692	18916	34.1	9,002	554		37.2					9
Wet Bulb	623218	18052	32.7	7,723	552		41.1					9
Dew Point	542864	16798	30.4	7,583	552		53.6					9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.2	.3										4	4		
64/ 63						.2	.5	.2										6	5		
62/ 61						.2	.2	.2										3	3		
60/ 59						.2	.3	.2										4	4		
58/ 57				.3		.5												5	3		
56/ 55					.3	.7												7	6		
54/ 53				.7	.7	.3												13	13	3	
52/ 51			.2	1.0	.7													11	11		
50/ 49		.2	.7	1.2	.3	.3												16	16	2	
48/ 47		.2	2.0	.8	.2													19	19	1	2
46/ 45		2.5	3.7	1.2	.2	.2												44	46	2	4
44/ 43	.7	2.0	2.5	.7	.2													36	38	44	2
42/ 41	.8	5.7	2.7	.7	.2													62	62	46	32
40/ 39	.8	3.5	2.4	.7														44	44	54	44
38/ 37	1.7	4.9	2.3	.5														57	57	52	67
36/ 35	3.2	5.1	1.9	.2														61	61	72	71
34/ 33	1.5	2.9	.3															28	28	53	64
32/ 31	3.7	3.7	.7															48	48	48	72
30/ 29	2.7	2.9	.8															38	34	45	53
28/ 27	4.4	2.5	.3															43	43	45	51
26/ 25	1.0	2.0	.3															20	20	23	23
24/ 23		1.7	.2															11	11	13	17
22/ 21	.3	1.0																8	8	14	2
20/ 19	.2	.3																4	4	5	16
18/ 17	.2	.2																2	2	4	5
16/ 15	.2																	1	1	1	3
14/ 13																					2
12/ 11		.2																1	1		4
10/ 9	.2																	1	1	2	1
8/ 7																					1
6/ 5																					1
4/ 3	.2																	1	1	1	1
0/ -1																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION | BAD TOLZ GERMANY AAF STATION NAME | 64-70 YEARS | MONTH

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	DB WB	Dry Bulb	Wet Bulb	Dew Point
TOTAL	21.9	41.5	21.2	7.9	2.7	2.5	1.2	1.0										593	593		

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.	4042644	48216	81.3	14.371	593							9
Dry Bulb	898875	22445	37.8	9.129	593		27.0					9
Wet Bulb	774016	20974	35.4	7.373	593		29.9					9
Dew Point	641269	19049	32.1	7.042	593	.2	43.7					9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

PAGE 1 — 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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.3	.2								3	3		
70/ 69								.2	.5									4	4		
68/ 67							.5	.7		.2								8			
66/ 65							.3		.2									2	3		
64/ 63							.8	.5		.2								9	9		
62/ 61				.2	.2		.7	.2	.2									5			
60/ 59					.3	.5	1.0											11	11		
58/ 57				.2	.8	1.7	.5	.2										2	2		
56/ 55				.3	1.4	.8												15	15	7	
54/ 53				.5	1.5	.5	.8											14	14	11	
52/ 51			.5	.7	.3	.2												1	1	11	
50/ 49			1.4	2.7	2.0													36	36	21	4
48/ 47	.2	1.0	2.4	2.0	.8	.2												39	39	31	4
46/ 45	.2	2.0	2.4	2.7	1.2	.2												51	51	43	14
44/ 43	.5	2.0	2.7	2.4	.2													46	46	51	32
42/ 41	.7	3.7	2.7	.8														47	47	54	37
40/ 39	1.2	3.7	1.4	.3														39	39	47	49
38/ 37	1.2	2.9	2.5	.3														41	41	51	6
36/ 35	1.0	2.2	2.3	.2														32	32	45	71
34/ 33	2.0	3.7	2.2															47	47	44	51
32/ 31	2.0	4.6	.8															44	44	49	7
30/ 29	1.5	1.5	.3															20	21	42	6
28/ 27	1.5	1.5	.3															20	21	19	39
26/ 25	.2	1.2																8	8	9	32
24/ 23		1.5																9	9	14	7
22/ 21		.2																1	1	4	12
20/ 19																					13
18/ 17	.2	.2																2	2	1	5
16/ 15																				1	2
14/ 13		.2																1	1		1
12/ 11																					
10/ 9																				1	
8/ 7																					1
TOTAL	12.3	32.1	21.6	13.3	8.8	4.1	4.4	1.7	1.2	.5								592	592	592	592

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.	3452901	44027	74.4	17.355	592							
Dry Bulb	1127966	25106	42.4	10.345	592		16.0	2.3				9
Wet Bulb	907790	22756	38.4	7.480	592		21.3					9
Dew Point	706057	20081	33.9	6.491	592		36.8					9

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS — MONTH

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.3	.2									3	3		
66/ 65						.2	.2	.3										4	4		
64/ 63						.2	.7	.3										7	7		
62/ 61							.2	.5										4	4		
60/ 59					.2	.5	.7											7	7		
58/ 57					.2	.7	.3											7	7		
56/ 55			.3	1.0	1.4	.5	.3											21	21	1	
54/ 53			.3	.7	.8		.2											12	12	7	
52/ 51		.2	1.0	2.0	.3	.2												22	22	3	
50/ 49		.2	1.2	1.2	.8													20	2	21	1
48/ 47	.2	1.2	1.4	.3	.5													22	22	3	4
46/ 45	.3	1.9	4.7	2.0	.3													55	55	4	2
44/ 43	.2	3.0	2.2	1.4														47	47	3	25
42/ 41	.8	3.7	3.2	.7														50	50	5	37
40/ 39	2.7	6.6	1.4	.2														64	64	65	53
38/ 37	1.5	3.6	1.7															40	40	68	67
36/ 35	1.9	4.7	.7															43	43	57	46
34/ 33	3.2	2.5	1.4															42	42	49	76
32/ 31	2.3	4.4	1.0															47	47	47	51
30/ 29	1.0	2.0	.7															22	22	39	45
28/ 27	2.9	2.4																31	31	50	34
26/ 25	1.0	1.2																13	13	13	29
24/ 23		1.0	.2															7	7	11	19
22/ 21		.5																3	3	2	13
20/ 19	.2	.3																3	3	4	11
18/ 17	.2																	1	1	2	3
16/ 15																					3
12/ 11																					2
TOTAL	18.6	39.4	21.3	9.6	4.6	2.2	2.5	1.5	.2								591		591		591

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.	3919908	47260	80.0	15.443	591							
Dry Bulb	1018692	23902	40.4	9.389	591		19.3	.5				90
Wet Bulb	863978	22192	37.5	7.210	591		22.7					90
Dew Point	713241	20161	34.1	6.572	591		33.5					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

HOURS LIST

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 DB WB	Dry Bulb	TOTAL Wet Bulb	Dew Point
68/ 67								.2										1	1		
66/ 65								.2										1	1		
64/ 63							.2											1	1		
62/ 61							.4	.2										3	3		
60/ 59					.2	.2	.2											2	3		
58/ 57					.4	.4												4	4		
54/ 53					.2													1	1	1	
52/ 51				.9	.9													2	2	2	
50/ 49	.2	.4	.2	.4	.9													1	1	2	1
48/ 47		1.1	.7	.4	.2													11	11	2	1
46/ 45	.4	1.6	3.1	.4														25	25	1	9
44/ 43	.4	2.2	1.6															19	19	1	14
42/ 41	1.6	2.5	2.2	.4														3	3	4	12
40/ 39	3.6	6.1	1.6															5	5	4	25
38/ 37	3.6	4.9	.7															41	41	54	65
36/ 35	3.1	5.6	.4															41	41	4	4
34/ 33	4.5	4.9	.4															44	44	4	57
32/ 31	7.6	3.1																48	4	3	6
30/ 29	3.8	3.6																33	33	37	27
28/ 27	6.1	1.8	.2															36	36	3	46
26/ 25	1.3	2.0																15	15	1	25
24/ 23	.7	1.3																9	9	1	12
22/ 21	.4	.4																4	4	7	11
20/ 19	.9	.2																5	5	8	5
18/ 17																				1	
16/ 15		.2																1	1	1	
14/ 13		.4																2	2	2	1
12/ 11																					1
10/ 9																					1
8/ 7																					1
TOTAL	38.3	42.6	11.2	2.7	2.9	.7	.9	.7										446	446	446	446

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3523626	39228	88.0	12,836	446
Dry Bulb	620344	16222	36.4	8,254	446
Wet Bulb	561877	15539	34.8	6,785	446
Dew Point	497807	14325	32.8	6,401	446

Mean No. of Hours with Temperature

Element	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							9
Dry Bulb		30.9	.2				9
Wet Bulb		33.5					9
Dew Point		41.2					9

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 BAD TOLZ GERMANY AAF 65-72
STATION STATION NAME YEARS MONTH

PAGE 1 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				
50/ 49			.5															1			
48/ 47			.5																		
46/ 45			.5																		
44/ 43			.5	.5														3			
42/ 41		.5	.5															2			
40/ 39	.9	2.8	.9	.5														11			
38/ 37	.5	4.2	1.9															14			
36/ 35		.9	1.4															5			
34/ 33	3.7	4.2	1.4																		
32/ 31	4.2	7.4	.5																		
30/ 29	3.7	2.8																			
28/ 27	4.7	5.1																			
26/ 25	4.2	3.7																			
24/ 23	7.9	2.3																			
22/ 21	1.9	2.3																			
20/ 19	4.7	.9																			
18/ 17	3.3	1.4																			
16/ 15	1.4	.5																			
14/ 13	1.4																				
12/ 11		.5																			
10/ 9	2.3	.5																			
8/ 7	1.9																				
6/ 5	1.9																				
4/ 3																					
2/ 1	.9																				
0/ -1	.5																				
-2/ -3																					
-4/ -5	.5																				
-8/ -9	.5																				
-12/-13																					
TOTAL	50.7	40.0	8.4	.9																	
																		215		215	

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.	1693067	19007	88.4	7.722	215							
Dry Bulb	170966	5742	26.1	9.816	220	1.3	68.9					93
Wet Bulb	158104	5494	25.6	9.098	215	1.3	74.0					93
Dew Point	136240	5018	23.3	9.453	215	2.2	80.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-70 YEARS

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			.4																2			
46/ 45			.4																2			
44/ 43		.2	1.3																[illegible]			
42/ 41	.4	.4	1.0	.2															1	1		
40/ 39	.6	1.5	1.1																17	17		
38/ 37	.2	3.6	.8																24	24		
36/ 35		3.4	1.3	.2															25	25	21	17
34/ 33	2.1	4.2	1.7																42	42	34	3
32/ 31	5.1	4.8	1.1																50	50	51	5
30/ 29	3.2	3.6																	36	36	55	33
28/ 27	4.2	4.8	.2																45	45	49	52
26/ 25	3.6	2.7																	33	33	37	42
24/ 23	4.6	2.1																	35	35	47	39
22/ 21	6.1	1.7																	41	41	43	52
20/ 19	2.7	.6																	17	21	2	17
18/ 17	3.6	1.0																	24	24	25	27
16/ 15	3.8	.2																	21	22	21	23
14/ 13	3.0	.2																	17	17	15	24
12/ 11	1.7	.4																	11	11	1	13
10/ 9	2.1	.4																	13	13	13	6
8/ 7	1.9	.2																	11	11	1	9
6/ 5	1.5	.2																	9	10	1	14
4/ 3	.6	.2																	4	4	3	3
2/ 1	1.1																		6	6	7	4
0/ -1	1.0																		5	5	5	7
-2/ -3	.6																		3	3	3	3
-4/ -5	.4																		2	2	2	4
-6/ -7	.4																		2	2	2	3
-8/ -9																						4
-10/-11																						2
TOTAL	54.5	36.2	9.0	.4															525	531	525	525

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.	4198425	46709	89.0	9.022	525							
Dry Bulb	389705	13297	25.0	10.346	531	2.1	70.4					93
Wet Bulb	360644	12774	24.3	9.752	525	2.1	75.8					93
Dew Point	313561	11671	22.2	10.162	525	4.1	82.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-7[illegible] YEARS — MONTH

DATE [illegible] -11 HOURS [illegible] 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 & WB.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47				.3	.2													[illegible]	[illegible]		
46/ 45			.3	.2														[illegible]	[illegible]		
44/ 43		.5	.7	.2														[illegible]			
42/ 41	.2	.8	1.8	.2														17	[illegible]	17	
40/ 39		1.5	2.2	.7	.2													27	[illegible]	[illegible]	9
38/ 37	.3	2.5	1.2	.3														26	26	[illegible]	13
36/ 35	.7	4.0	3.5															49	49	34	15
34/ 33	1.5	4.8	2.7	.2														55	55	41	43
32/ 31	2.8	4.8	.8															31	[illegible]	73	45
30/ 29	3.2	5.7	.8															58	[illegible]	72	8
28/ 27	3.8	6.0	.5															52	52	63	7-
26/ 25	2.7	2.0																28	28	40	61
24/ 23	5.0	2.7	.2															47	47	48	54
22/ 21	3.0	1.8																29	29	29	44
20/ 19	2.7	1.8																27	27	37	37
18/ 17	2.0	1.2	.2															20	22	22	22
16/ 15	2.0	1.3																23	23	27	24
14/ 13	1.8	.7																15	15	15	15
12/ 11	1.3	1.7																13	15	14	21
10/ 9	1.7	.7																14	14	15	14
8/ 7	.8	.5																9	9	17	15
6/ 5	.8	.3																7	7	7	11
4/ 3	.2																	1	1	2	11
2/ 1	.5																	3	3	3	5
0/ -1	.3																	2	2	2	2
-2/ -3	.2																	1	1	1	1
-4/ -5	.2																	1	1	1	4
-6/ -7																					1
-8/ -9																					2
TOTAL	37.6	45.3	14.8	2.0	.3														5[illegible]		6[illegible]
																		601		601	

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.	4444572	51242	85.2	11.226	601							
Dry Bulb	496098	16334	27.1	9.440	603	.6	63.9					93
Wet Bulb	447830	15546	25.9	8.728	601	.6	73.2					93
Dew Point	371664	13868	23.1	9.279	601	2.0	80.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94197 BAD TOLZ GERMANY AAF 64-73 2 - 4
STATION STATION NAME YEARS MONTH 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	DB WB	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.2															1			
50/ 49			.2	.3														5	5		
48/ 47			.2	.9	.7	.3												12	12	1	
46/ 45			.5	.3	1.4	.2												14	14	1	
44/ 43		.7	1.7	.5	.7													21	21	1	1
42/ 41		1.2	2.6	1.4	.2													31	31	14	2
40/ 39		3.6	2.4	1.0	.5													44	44	27	1
38/ 37	.3	1.2	5.1	.5														42	43	51	3
36/ 35	.3	3.4	3.9	.5														48	48	45	3
34/ 33	2.2	5.0	1.5	.2														57	57	73	37
32/ 31	2.6	6.2	1.4															59	59	87	74
30/ 29	3.4	5.5	1.0															58	58	69	78
28/ 27	2.1	4.8	1.5															44	45	53	59
26/ 25	1.9	2.4	.3															27	27	44	44
24/ 23	2.7	2.4	.3															32	32	37	51
22/ 21	1.4	2.4	.5															28	28	27	31
20/ 19	1.5	3.6																32	33	31	3
18/ 17	1.2	1.9																19	19	24	21
16/ 15	.5	.5																6	6	9	29
14/ 13	1.2	.9																12	12	17	17
12/ 11	.2																	1	1	5	7
10/ 9	.2																	1	1	1	
8/ 7																					4
6/ 5																					2
4/ 3																					4
2/ 1																					1
TOTAL	21.8	45.6	23.0	5.7	3.4	.5													583		583
																		583		583	

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.	3863303	46853	80.4	12.973	583							
Dry Bulb	616277	18349	31.5	8.142	583		50.2					93
Wet Bulb	534298	17160	29.4	7.085	583		58.4					93
Dew Point	419141	15023	25.8	7.418	583		78.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 64-72 YEARS

PAGE 1

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 DB WB Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53				.2															1		
50/ 49			.4		.4														4	4	
48/ 47				.4	.2														3	3	
46/ 45			.7	.4	.9														11	11	
44/ 43			1.3	1.1															13	14	
42/ 41		1.1	2.2		.2														19	19	2	
40/ 39		2.6	3.1	1.5															39	39	2	3
38/ 37	.6	2.6	2.9	.4															38	35	4	4
36/ 35	.4	3.7	2.9	.7															42	42	3	3
34/ 33	2.4	5.2	1.5	.4															51	51	2	2
32/ 31	2.0	5.1	.9																49	49	5	4
30/ 29	3.5	8.1	.9																69	69	7	7
28/ 27	3.5	5.7	.4																52	52	5	7
26/ 25	3.1	2.6																	31	31	4	5
24/ 23	2.4	2.2	.2																26	26	2	2
22/ 21	2.2	2.0	.2																27	27	2	2
20/ 19	1.6	1.7	.4																21	21	2	2
18/ 17	3.5	1.8																	29	29	3	1
16/ 15	1.1	.4																	2	2	1	2
14/ 13	.9	.4																	7	7	1	1
12/ 11	.4	.2																	3	3	3	1
10/ 9		.6																	3	3	2	1
8/ 7																					1	1
6/ 5	.2																		1	1	1	1
2/ 1																						
TOTAL	28.0	46.8	18.6	5.0	1.7														543	543	543	543

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.	3837875	45185	83.2	11,986	543							
Dry Bulb	534422	16460	30.3	8.096	543		35.7					93
Wet Bulb	473005	15555	28.6	7.111	543		62.9					93
Dew Point	382997	13869	25.5	7.285	543		80.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS — MONTH

PAGE 1 — HOURS (GMT)

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 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
54/ 53					.3													1	1		
52/ 51			.3															2	2		
50/ 49																					
48/ 47					.3													1	1		
46/ 45			.3		.3													2	2		
44/ 43		.3	.5	.3														4	4		
42/ 41		1.0	2.0	.3														13	13	3	
40/ 39		2.5	2.3	.5														21	21	1	
38/ 37	.3	2.5	1.0															15	15	27	
36/ 35	.5	3.0	.5	.3														17	17	17	1
34/ 33	1.8	6.9	.8															37	37	3	
32/ 31	2.5	7.4	.5															41	41	4	2
30/ 29	5.3	4.8																40	4	5	
28/ 27	6.3	4.1																41	41	4	4
26/ 25	5.3	3.8																36	36	32	24
24/ 23	4.6	1.3																23	23	33	4
22/ 21	1.8	3.8																22	22	13	
20/ 19	2.8	1.3																16	17	13	14
18/ 17	4.3	.8																20	21	21	22
16/ 15	3.3	.3																14	14	15	24
14/ 13	1.3	.3																6	6	6	1
12/ 11	1.5	.3																7	7	6	7
10/ 9	1.3																	5	5	5	6
8/ 7	1.0																	4	4	4	2
6/ 5	.8																	3	3	3	5
4/ 3	.5	.3																3	3	2	3
2/ 1																					3
0/ -1																					1
-2/ -3																					1
TOTAL	43.3	44.4	8.4	1.3	.8														395		394
																		394		394	

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
R. I. Hum	3101969	34779	88.3	9.020	394							
Dry Bulb	333535	10949	27.7	8.732	395		66.4					93
Wet Bulb	307237	10545	26.8	7.978	394		72.0					93
Dew Point	263673	9683	24.6	8.072	394	.5	77.3					93

USAFETAC FORM 0-24-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34197 STATION BAD TOLZ GERMANY AAF STATION NAME 64-70 YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	35.5	35.2		42.9	45.3	51.0		50.0	52.0	39.5			[illegible]
	S D		3.189		6.936	5.737	7.842			5.517				[illegible]
	TOTAL OBS	2	6		59	39	9		2	31	2			[illegible]
03-05	MEAN	24.9	28.1	30.6	35.8	44.1	49.5	53.7	52.3	48.3	42.5	33.7	26.[illegible]	[illegible]
	S D	10.607	9.847	6.664	7.071	6.510	6.338	6.285	5.390	5.266	7.413	8.824	9.81[illegible]	[illegible]
	TOTAL OBS	226	243	276	250	199	206	221	243	236	238	268	22[illegible]	[illegible]
06-08	MEAN	24.2	28.2	30.7	38.3	47.7	54.9	57.4	54.8	49.5	42.2	34.1	25.[illegible]	[illegible]
	S D	11.195	10.258	7.807	7.146	6.954	7.533	6.739	6.108	6.060	7.71[illegible]	9.0021	[illegible].346	[illegible]
	TOTAL OBS	447	430	558	537	537	522	505	554	506	554	554	531	6021
09-11	MEAN	26.8	31.4	36.5	46.0	54.7	61.8	64.6	61.8	57.9	50.1	37.8	27.1	[illegible]
	S D	10.217	9.457	8.620	9.558	8.995	9.843	8.800	7.944	7.131	8.926	9.129	9.44[illegible]	[illegible].11
	TOTAL OBS	516	465	558	5[illegible]7	537	522	505	534	528	597	592	60[illegible]	6495
12-14	MEAN	32.1	36.5	41.0	49.8	57.6	65.1	68.2	65.4	62.7	56.1	42.4	31.[illegible]	[illegible].4
	S D	9.523	9.177	9.503	10.739	9.935	10.680	9.563	9.126	7.767	10.178	10.345	8.162	16.[illegible]63
	TOTAL OBS	500	462	558	537	527	512	494	518	507	587	592	563	6367
15-17	MEAN	31.0	36.2	40.9	49.8	57.4	65.1	67.9	65.4	62.1	54.3	40.4	[illegible]	[illegible].7
	S D	9.540	9.232	9.474	11.044	10.165	10.907	9.397	9.279	7.615	9.623	9.389	8.[illegible]	[illegible].[illegible]3
	TOTAL OBS	492	461	558	534	521	507	456	491	468	567	591	54[illegible]	6[illegible]9
18-20	MEAN	27.3	31.8	37.2	45.5	54.1	61.0	65.3	61.5	56.8	48.8	36.4	27.7	[illegible].[illegible]
	S D	9.492	8.336	8.305	9.600	8.744	9.738	8.317	7.397	6.225	6.976	8.254	8.732	15.[illegible]76
	TOTAL OBS	358	358	465	485	393	338	339	375	388	385	446	395	4725
21-23	MEAN	32.3	24.7	44.0	44.6	48.3	59.9	61.3	57.9	53.8	41.6			[illegible].[illegible]
	S D	2.251	9.585		6.066	6.683	3.534	1.708	3.292	6.036	3.362			[illegible].099
	TOTAL OBS	6	6	1	106	60	11	4	15	66	8			2[illegible]
ALL HOURS	MEAN	28.1	22.4	36.6	45.0	53.3	60.6	63.6	60.8	56.8	49.8	38.0	28.2	[illegible].[illegible]
	S D	10.476	9.963	9.533	10.528	9.874	10.759	9.760	9.126	8.642	10.208	[illegible].761	9.356	15.794
	TOTAL OBS	2547	2431	2974	3045	2813	2627	2514	2712	2730	2935	3044	2875	33247

USAFETAC FORM JUL 64 0 89 5 (OL-I)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATI

94197 BAD TOLZ GERMANY AAF 64-70

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	34.5	32.7		40.9	43.5	49.6		49.0	50.8	38.5			
	S D		2.422		6.394	4.937	7.020			5.036				
	TOTAL OBS	2	6		59	39	9		2	31	2			
03-05	MEAN	24.3	27.1	29.7	34.5	42.2	47.9	52.0	51.0	47.3	41.3	32.5	2[illegible]	
	S D	10.105	8.846	6.108	6.498	5.663	5.522	5.376	4.966	4.991	6.986	7.489	9.09[illegible]	11.[illegible]
	TOTAL OBS	225	241	276	250	199	206	221	243	236	238	266	21[illegible]	2[illegible]
06-08	MEAN	23.8	27.0	29.3	36.3	44.6	51.6	54.3	52.6	48.1	40.8	32.7	24.8	38.[illegible]
	S D	10.357	9.260	7.134	6.878	5.871	5.919	5.397	5.045	5.557	7.122	7.723	9.759	[illegible]
	TOTAL OBS	439	427	558	537	537	522	505	534	506	554	552	52[illegible]	6[illegible]
09-11	MEAN	25.8	29.3	33.4	41.0	48.5	55.0	58.0	56.4	53.3	46.2	35.4	25.9	42.2
	S D	9.374	8.251	6.606	6.927	6.020	6.621	5.876	5.191	5.169	7.126	7.373	8.728	[illegible]
	TOTAL OBS	510	465	558	537	537	522	505	534	528	597	593	601	5[illegible]
12-14	MEAN	29.7	33.1	36.3	43.1	49.9	56.6	59.5	58.0	55.7	49.5	38.4	29.4	44.[illegible]
	S D	8.167	7.185	6.493	7.006	6.246	6.813	6.111	5.414	5.076	7.253	7.480	7.085	12.[illegible]
	TOTAL OBS	498	462	558	537	527	512	484	518	507	567	592	583	6[illegible]
15-17	MEAN	29.1	33.0	36.3	43.1	50.0	56.5	59.4	57.9	55.7	48.9	37.5	28.4	44.4
	S D	8.197	7.296	6.545	7.264	6.243	6.720	5.984	5.436	5.180	7.327	7.210	7.111	12.7[illegible]
	TOTAL OBS	488	461	558	534	521	507	456	491	468	567	591	543	6[illegible]
18-20	MEAN	27.2	30.2	34.4	41.0	48.5	54.9	58.9	56.8	53.5	46.4	34.[illegible]	26.[illegible]	42.4
	S D	8.565	7.269	6.360	7.065	5.845	6.685	5.942	5.203	4.996	6.278	6.785	7.97[illegible]	12.91[illegible]
	TOTAL OBS	347	358	465	485	393	338	339	375	388	385	446	394	47[illegible]
21-23	MEAN	30.7	25.2	40.0	42.1	45.8	55.8	60.8	56.1	52.1	40.6			45.1
	S D	1.506	9.368		5.562	5.193	2.040	.957	3.523	5.252	2.881			[illegible]
	TOTAL OBS	6	6	1	106	60	11	4	15	66	5			2[illegible]
ALL HOURS	MEAN	27.0	30.2	33.5	40.4	47.7	54.4	57.4	55.8	52.6	46.0	35.6	26.9	42.2
	S D	9.328	8.359	7.139	7.432	6.450	6.964	6.339	5.764	6.060	7.813	7.668	8.462	13.[illegible]69
	TOTAL OBS	2515	2426	2974	3045	2813	2627	2514	2712	2730	2935	3040	2861	33192

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34197 BAD TOLZ GERMANY AAF 64-70

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	33.5	28.8		38.8	41.8	48.4		48.5	50.1	37.0			4
	S D		2.041		6.775	4.639	6.386			4.871				7.71
	TOTAL OBS	2	5		59	39	9		2	31	2			
03-05	MEAN	22.2	24.5	27.8	32.6	40.4	46.6	50.8	50.0	46.5	40.2	30.3	23.8	3
	S D	10.858	9.026	6.250	6.709	5.731	5.335	5.247	4.957	5.150	7.185	7.274	9.453	2.447
	TOTAL OBS	225	241	276	250	199	206	221	243	236	238	266	215	2
06-08	MEAN	21.5	24.2	26.5	33.6	41.7	49.2	52.2	51.1	46.9	39.2	30.4	22.2	3
	S D	11.089	9.607	7.913	6.593	5.458	5.530	5.253	4.892	5.613	7.329	7.583	10.162	1
	TOTAL OBS	499	427	558	537	537	522	505	534	506	554	552	52	61
09-11	MEAN	22.8	25.4	28.9	35.7	43.2	50.4	53.8	52.9	49.9	42.5	32.1	23.1	3
	S D	9.958	8.601	6.619	6.588	5.747	5.897	5.272	4.824	5.045	7.286	7.042	9.279	2
	TOTAL OBS	510	465	558	537	537	522	505	534	528	597	593	601	64
12-14	MEAN	25.5	28.0	30.4	36.1	43.6	50.9	54.3	53.2	50.8	43.9	33.9	25.9	3
	S D	8.567	7.454	6.118	6.548	6.064	6.176	5.509	4.912	5.049	7.290	6.491	7.41	12.33
	TOTAL OBS	498	462	558	537	527	512	484	518	507	587	592	588	63
15-17	MEAN	25.5	28.2	30.5	36.0	43.9	50.8	54.2	53.0	51.2	44.3	34.1	25.5	3
	S D	8.403	7.322	6.032	6.630	5.788	5.861	5.530	4.830	5.131	7.372	6.572	7.285	12.25
	TOTAL OBS	488	461	558	534	521	507	456	491	468	567	591	542	61
18-20	MEAN	25.2	27.3	30.4	36.3	43.8	50.7	54.9	53.6	51.1	44.1	32.8	24.6	3
	S D	9.017	7.560	6.076	6.637	5.415	6.073	5.889	5.058	5.029	6.653	6.401	8.072	12.56
	TOTAL OBS	347	358	465	485	393	338	339	375	388	385	445	394	47
21-23	MEAN	27.0	18.5	35.0	39.4	43.3	52.0	57.0	54.9	51.0	39.6			43
	S D	.894	11.912		6.077	4.586	2.166	4.000	3.807	5.003	2.510			7.95
	TOTAL OBS	6	6	1	106	60	11	4	15	66	5			2
ALL HOURS	MEAN	23.9	26.4	29.2	35.5	43.0	50.1	53.5	52.5	49.7	42.5	32.5	24.2	3
	S D	9.709	8.408	6.746	6.754	5.770	5.961	5.573	5.023	5.481	7.480	7.025	8.705	12.752
	TOTAL OBS	2515	2426	2974	3045	2813	2627	2314	2712	2730	2935	3040	2861	33

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197	BAD TOLZ GERMANY AAF	64-70	01
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.5	98.8	89.6	72.1	44.3	85.2	2515
FEB		100.0	100.0	99.9	99.0	96.9	92.5	76.9	55.4	25.5	79.7	2426
MAR		100.0	100.0	99.7	97.0	91.6	83.5	59.7	46.8	27.9	76.8	2974
APR		100.0	100.0	99.0	94.6	88.3	79.8	67.4	49.6	26.0	76.1	3045
MAY		100.0	100.0	99.6	95.6	88.7	76.7	66.1	47.6	23.7	75.4	2813
JUN		100.0	100.0	99.9	98.0	88.7	78.5	63.3	46.5	22.2	75.7	2627
JUL		100.0	100.0	99.9	98.7	91.4	77.9	51.5	37.1	17.4	73.1	2514
AUG		100.0	100.0	100.0	98.5	94.1	85.4	74.9	62.0	40.3	81.2	2712
SEP		100.0	100.0	100.0	99.3	97.3	89.5	78.3	61.6	39.0	82.9	2730
OCT		100.0	100.0	99.8	98.5	94.7	88.3	80.8	67.3	40.5	82.9	2935
NOV		100.0	100.0	100.0	98.8	95.6	90.4	80.5	66.9	41.5	83.2	3040
DEC		100.0	100.0	100.0	100.0	99.2	97.1	90.0	73.6	42.8	85.8	2861
TOTALS		100.0	100.0	99.8	98.2	93.8	86.4	73.3	57.2	32.6	79.8	33192

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 BAD TOLZ GERMANY AAF 65-70

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.[illegible]	
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	97.3	84.9	58.2	89.3	22
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	95.0	82.5	51.3	88.[illegible]	4[illegible]
	09-11	100.0	100.0	100.0	100.0	100.0	96.9	88.2	69.4	38.2	84.7	51
	12-14	100.0	100.0	100.0	100.0	97.0	87.1	65.9	49.4	23.1	77.[illegible]	49
	15-17	100.0	100.0	100.0	99.8	98.6	92.6	74.2	56.8	25.6	80.5	48[illegible]
	18-20	100.0	100.0	100.0	100.0	100.0	99.4	96.0	83.9	57.6	89.2	347
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0		80.5	[illegible]
TOTALS		100.0	100.0	100.0	100.0	99.5	96.8	89.6	72.1	44.3	85.2	2515

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	100.0	83.3	33.3		77.7	4
	03-05	100.0	100.0	100.0	100.0	98.8	96.7	92.1	75.9	45.2	86.0	241
	06-08	100.0	100.0	100.0	100.0	99.5	97.4	87.4	73.5	43.1	85.1	427
	09-11	100.0	100.0	100.0	100.0	96.8	90.5	77.4	54.2	26.7	79.6	465
	12-14	100.0	100.0	99.1	95.9	90.0	78.4	58.0	41.8	15.6	73.1	462
	15-17	100.0	100.0	99.8	97.0	92.2	81.1	60.7	43.2	16.1	74.5	461
	18-20	100.0	100.0	100.0	99.2	98.0	95.5	89.7	71.5	40.8	84.4	358
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	66.7	50.0	16.7	77.2	6
TOTALS		100.0	100.0	99.9	99.0	96.9	92.5	76.9	55.4	25.5	79.7	2426

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (PERIOD) (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	97.1	88.0	57.6	89.5	274
	06-08	100.0	100.0	100.0	99.6	99.1	96.2	88.2	69.7	43.4	85.[illegible]	558
	09-11	100.0	100.0	99.8	97.1	90.9	79.4	64.0	45.1	27.4	76.1	558
	12-14	100.0	99.8	99.5	91.2	77.4	62.9	50.7	36.6	20.3	69.2	558
	15-17	100.0	100.0	99.1	92.3	79.9	64.5	49.8	34.8	17.7	69.4	558
	18-20	100.0	100.0	99.8	95.9	93.8	81.7	68.4	52.5	28.6	78.1	465
	21-23	100.0	100.0	100.0	100.0	100.0	100.0				70.0	1
TOTALS		100.0	100.0	99.7	97.0	91.6	83.5	59.7	46.8	27.9	76.8	2974

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 BAD TOLZ GERMANY AAF 65-70

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	100.0	100.0	100.0	93.2	69.5	39.0	85.9	59
	03-05	100.0	100.0	100.0	100.0	99.6	99.6	94.0	82.4	53.2	88.6	25
	06-08	100.0	100.0	100.0	100.0	99.8	96.6	85.5	65.7	34.6	83.8	537
	09-11	100.0	100.0	99.8	93.9	83.1	68.7	50.1	32.2	14.2	69.8	537
	12-14	100.0	100.0	96.5	83.2	68.9	51.2	37.6	25.7	11.2	62.8	537
	15-17	100.0	100.0	96.3	84.1	69.7	49.6	37.1	25.1	11.6	62.8	534
	18-20	100.0	100.0	99.4	95.5	85.8	74.4	56.1	37.1	18.1	72.6	485
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	88.8	59.4	26.4	82.6	106
TOTALS		100.0	100.0	99.0	94.6	88.3	79.8	67.4	49.6	26.0	76.1	3045

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197	BAD TOLZ GERMANY AAF	65-70	MAY
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%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.4	87.2	41.0	87.7	39
	03-05	100.0	100.0	100.0	100.0	99.5	97.5	93.0	78.4	48.2	87.5	199
	06-08	100.0	100.0	100.0	99.6	98.9	93.3	80.3	51.6	24.6	80.5	537
	09-11	100.0	100.0	100.0	95.2	82.5	62.0	43.0	25.5	12.1	67.6	537
	12-14	100.0	100.0	98.9	87.1	69.8	47.4	35.7	23.0	12.0	62.7	527
	15-17	100.0	100.0	98.8	86.0	71.4	51.2	38.8	24.8	13.1	63.9	521
	18-20	100.0	100.0	99.2	96.9	87.5	67.4	48.9	30.3	16.8	70.4	393
	21-23	100.0	100.0	100.0	100.0	100.0	95.0	91.7	60.0	21.7	82.9	60
TOTALS		100.0	100.0	99.6	95.6	88.7	78.7	66.1	47.6	23.7	75.4	2812

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 BAD TOLZ GERMANY AAF 65-70

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	44.4	91.1	9
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	98.1	85.4	53.9	90.2	206
	06-08	100.0	100.0	100.0	100.0	99.6	96.4	83.3	56.3	23.8	81.9	522
	09-11	100.0	100.0	100.0	99.2	85.1	64.0	42.9	25.1	11.1	68.3	522
	12-14	100.0	100.0	100.0	94.1	69.3	47.9	33.0	18.6	8.0	62.6	512
	15-17	100.0	100.0	99.0	92.5	67.7	49.9	33.7	19.1	6.9	62.6	507
	18-20	100.0	100.0	100.0	98.5	88.2	70.7	51.5	31.1	11.2	70.8	338
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	68.6	36.4	18.2	78.4	11
TOTALS		100.0	100.0	99.9	98.0	88.7	78.5	63.5	46.5	22.2	75.7	2627

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 65-70 (PERIOD) (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.5	83.7	60.6	90.5	221
	06-08	100.0	100.0	100.0	100.0	99.6	96.8	87.1	63.8	31.7	83.7	503
	09-11	100.0	100.0	100.0	98.0	91.9	72.9	45.5	24.6	8.3	69.7	505
	12-14	100.0	100.0	99.8	96.5	78.1	51.2	27.1	15.1	5.0	63.1	484
	15-17	100.0	100.0	99.6	97.1	77.2	51.5	30.7	18.6	6.8	63.7	456
	18-20	100.0	100.0	100.0	99.4	92.3	73.5	49.9	28.8	9.7	70.8	339
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	25.0	25.0		70.0	4
TOTALS		100.0	100.0	99.9	96.7	91.4	77.9	51.5	37.1	17.4	73.1	2514

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 BAD TOLZ GERMANY AAF 65-70

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.5	2
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	98.8	94.2	66.3	92.4	243
	06-08	100.0	100.0	100.0	100.0	99.8	97.4	93.6	77.9	48.9	87.9	534
	09-11	100.0	100.0	99.8	98.7	94.6	79.2	58.6	36.9	18.2	74.2	934
	12-14	100.0	100.0	99.8	95.2	83.0	60.0	40.2	25.9	12.0	67.2	518
	15-17	100.0	100.0	100.0	94.9	80.2	59.9	40.7	24.6	10.0	66.6	491
	18-20	100.0	100.0	100.0	99.5	95.5	87.	67.5	43.7	20.3	70.9	375
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3	46.7	90.1	15
TOTALS		100.0	100.0	100.0	98.8	94.1	83.4	74.9	62.0	40.3	81.2	2712

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197	BAD TOLZ GERMANY AAF	64-70	
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.5	67.7	93.2	31
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.7	92.4	69.1	93.6	234
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	97.4	85.2	61.5	91.[illegible]	[illegible]06
	09-11	100.0	100.0	100.0	99.6	97.2	86.2	66.3	38.1	16.5	76.2	528
	12-14	100.0	100.0	100.0	97.2	88.6	64.7	37.1	18.7	7.1	66.9	537
	15-17	100.0	100.0	100.0	98.1	93.2	69.7	44.4	22.4	8.3	69.2	468
	18-20	100.0	100.0	100.0	99.5	99.2	95.4	85.6	57.5	29.3	82.1	388
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.0	84.8	56.1	90.7	66
TOTALS		100.0	100.0	100.0	99.2	97.3	89.5	78.2	61.6	39.0	82.9	2730

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 BAD TOLZ GERMANY AAF 64-70 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	90.5	2
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	98.3	87.4	56.3	91.[illegible]	238
	06-08	100.0	100.0	100.0	100.0	99.3	97.8	94.6	82.3	55.4	89.7	554
	09-11	100.0	100.0	100.0	98.8	92.5	82.4	68.0	46.1	24.3	77.[illegible]	597
	12-14	100.0	100.0	99.1	92.3	78.2	58.6	43.1	26.4	10.2	66.4	587
	15-17	100.0	100.0	99.6	96.6	86.5	72.0	53.3	29.3	11.8	70.9	567
	18-20	100.0	100.0	100.0	100.0	98.7	96.6	89.1	67.0	36.1	84.7	385
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	92.8	5
TOTALS		100.0	100.0	99.8	98.5	94.7	88.3	80.8	67.3	40.5	82.9	2935

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197	BAD TOLZ GERMANY AAF	64-70	
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURPENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02											
	03-05	100.0	100.0	100.0	100.0	98.5	96.6	91.4	80.8	55.3	88.2	266
	06-08	100.0	100.0	100.0	100.0	98.6	95.3	89.5	78.1	48.6	87.0	552
	09-11	100.0	100.0	100.0	99.0	95.6	90.7	78.1	60.2	32.4	81.3	593
	12-14	100.0	100.0	99.7	96.3	88.5	77.5	60.5	42.4	22.6	74.4	592
	15-17	100.0	100.0	100.0	98.1	94.9	87.8	74.1	56.7	31.0	80.0	591
	18-20	100.0	100.0	100.0	99.3	97.5	94.4	89.3	79.8	59.2	88.0	446
	21-23											
TOTALS		100.0	100.0	100.0	98.8	95.6	90.4	80.5	66.3	41.5	83.2	3040

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34197 (STATION) BAD TOLZ GERMANY AAF (STATION NAME) 64-70 (PERIOD) (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.2	85.6	50.7	88.4	215
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	95.4	84.2	53.0	89.0	525
	09-11	100.0	100.0	100.0	100.0	99.3	98.2	87.9	67.9	41.8	85.3	601
	12-14	100.0	100.0	100.0	100.0	97.6	91.6	78.4	55.4	26.8	80.4	583
	15-17	100.0	100.0	100.0	100.0	98.7	94.3	85.5	64.8	33.9	83.2	543
	18-20	100.0	100.0	100.0	100.0	99.7	98.7	95.4	83.8	50.8	88.3	394
	21-23											
TOTALS		100.0	100.0	100.0	100.0	99.2	97.1	90.0	73.6	42.8	85.8	2861

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

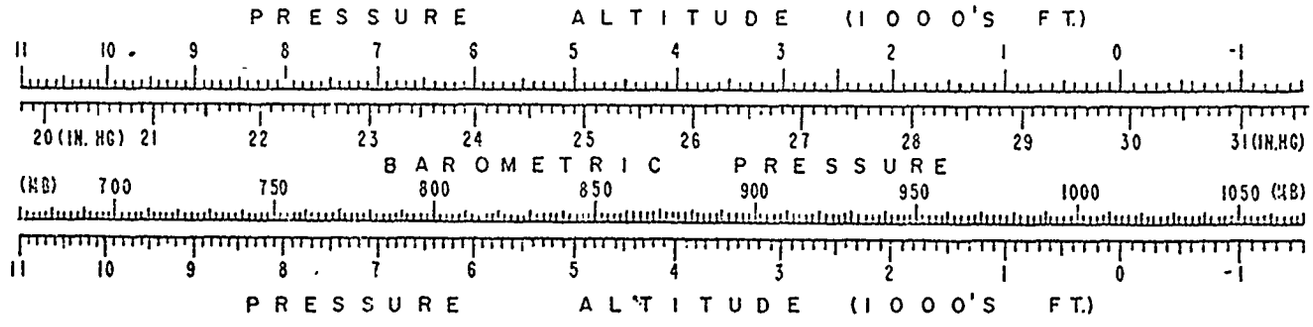
PART F PRESSURE SUMMARY

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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

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.



DATA PROCESSING DIVISION
JSAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

34197 STATION — BAD TOLZ GERMANY AAF STATION NAME — 65-70 YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	27,720	27,840		27,431	27,557	27,577		27,780	27,524	27,63[illegible]			[illegible]
	S D				,260	,181				,164				[illegible]
	TOTAL OBS	1	2		28	19	3		1	5	1			[illegible]
04	MEAN	27,516	27,405	27,475	27,492	27,510	27,625	27,679	27,572	27,580	27,672	27,483	27,44[illegible]	[illegible]
	S D	,272	,240	,231	,215	,161	,113	,107	,132	,153	,158	,253	,27[illegible]	,223
	TOTAL OBS	99	107	122	106	62	60	78	93	91	93	119	9[illegible]	1125
07	MEAN	27,489	27,398	27,506	27,467	27,542	27,602	27,643	27,580	27,615	27,619	27,471	27,457	[illegible]
	S D	,268	,248	,236	,219	,171	,124	,131	,122	,148	,19[illegible]	,252	,2[illegible]	,22[illegible]
	TOTAL OBS	148	138	155	149	147	144	145	153	146	155	178	17[illegible]	1[illegible]
10	MEAN	27,503	27,408	27,516	27,495	27,549	27,604	27,647	27,591	27,624	27,634	27,486	27,434	[illegible]
	S D	,268	,249	,239	,219	,169	,124	,130	,122	,149	,202	,253	,2[illegible]	,224
	TOTAL OBS	148	139	155	149	148	144	144	153	146	155	17[illegible]	17[illegible]	1[illegible]
13	MEAN	27,491	27,390	27,504	27,481	27,538	27,594	27,633	27,580	27,609	27,613	27,467	27,4[illegible]	[illegible]
	S D	,269	,246	,239	,214	,169	,125	,127	,118	,148	,205	,252	,2[illegible]	,221
	TOTAL OBS	144	138	155	149	148	139	140	151	145	155	178	16[illegible]	1[illegible]
16	MEAN	27,492	27,378	27,489	27,461	27,529	27,581	27,621	27,569	27,594	27,600	27,463	27,464	[illegible]
	S D	,265	,245	,235	,214	,169	,129	,125	,117	,149	,204	,253	,2[illegible]	,224
	TOTAL OBS	144	139	155	148	148	139	140	151	145	155	178	154	1751
19	MEAN	27,519	27,414	27,478	27,472	27,519	27,589	27,650	27,571	27,608	27,671	27,500	27,491	[illegible]
	S D	,261	,236	,230	,213	,168	,133	,116	,122	,155	,181	,245	,29[illegible]	,21[illegible]
	TOTAL OBS	115	110	123	145	128	109	109	120	134	123	148	13[illegible]	1[illegible]
22	MEAN	27,800	27,830		27,451	27,524	27,607	27,700	27,606	27,668	27,64[illegible]			[illegible]
	S D				,258	,161			,133	,131				,21[illegible]
	TOTAL OBS	2	1		35	21	3	1	5	22	1			[illegible]
ALL HOURS	MEAN	27,501	27,400	27,496	27,478	27,533	27,597	27,643	27,578	27,608	27,630	27,477	27,47[illegible]	[illegible]
	S D	,266	,245	,235	,219	,169	,126	,125	,121	,150	,196	,251	,282	,221
	TOTAL OBS	801	774	865	909	811	741	757	827	834	83[illegible]	979	9[illegible]4	1[illegible]4

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

34197 — STATION
BAD TOLZ GERMANY AAF — STATION NAME
66-67 — YEARS

HRS (G S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN		1028.6			1008.1	1017.4		1023.5	1016.8	1018.7			
	S D													
	TOTAL OBS		2			1	2		1	2	1			
04	MEAN	1022.7	1020.5	1019.8	1015.5	1013.9	1019.4	1018.4	1016.9	1016.2	1018.2	1018.1	1017.[illegible]	[illegible]
	S D	5.223	9.546	8.944	7.511	6.630	4.528	3.505	3.619	5.371	6.512	9.385	10.79	7.92[illegible]
	TOTAL OBS	31	26	30	30	31	30	31	31	31	31	59	61	422
07	MEAN	1022.[illegible]	1021.7	1020.9	1016.1	1014.7	1019.7	1016.9	1017.0	1018.1	1015.4	1018.6	1017.[illegible]	[illegible]
	S D	5.248	9.466	8.688	7.503	6.481	4.623	3.308	3.745	4.709	7.115	9.903	10.93[illegible]	7.[illegible]21
	TOTAL OBS	31	28	31	30	31	30	62	62	60	62	60	62	[illegible]
10	MEAN	1023.4	1021.9	1021.1	1016.1	1014.8	1019.7	1016.8	1017.1	1018.1	1015.4	1019.3	1018.[illegible]	[illegible]
	S D	5.197	9.345	8.838	7.404	6.168	4.311	4.346	3.671	4.752	7.189	9.848	10.91[illegible]	7.[illegible]24
	TOTAL OBS	31	28	31	30	31	30	62	62	60	62	60	62	[illegible]
13	MEAN	1022.5	1020.8	1020.9	1015.3	1014.3	1019.[illegible]	1016.5	1016.6	1017.3	1014.6	1018.6	1017.[illegible]	1[illegible].4
	S D	5.521	9.793	8.413	7.337	6.296	4.14[illegible]	4.177	3.599	4.763	7.100	9.645	10.47[illegible]	7.43[illegible]
	TOTAL OBS	31	28	31	30	31	30	62	62	60	62	60	62	[illegible]
16	MEAN	1022.4	1020.1	1020.2	1014.9	1013.8	1019.1	1016.2	1016.3	1016.6	1013.7	1018.5	1017.[illegible]	1[illegible].1
	S D	5.590	9.761	8.203	6.866	6.284	4.155	4.112	3.835	4.815	7.199	9.453	10.64[illegible]	7.42
	TOTAL OBS	31	28	31	30	31	30	62	62	60	62	60	62	[illegible]
19	MEAN	1023.3	1021.5	1020.7	1015.3	1014.1	1019.2	1018.1	1016.8	1017.9	1018.5	1019.1	1017.[illegible]	1[illegible].5
	S D	5.601	9.243	8.105	6.830	6.090	4.137	3.546	4.316	5.217	6.849	9.796	10.83[illegible]	7.7[illegible]
	TOTAL OBS	31	28	31	30	31	30	31	31	49	31	60	62	445
22	MEAN	1027.9	1029.9		1008.5	1009.5	1018.1	1017.9	1017.3	1020.5	1020.0			[illegible]
	S D									4.198				6.641
	TOTAL OBS	1	1		2	3	2	1	4	20	1			35
ALL HOURS	MEAN	1022.9	1021.2	1020.6	1015.5	1014.2	1019.3	1017.0	1016.8	1017.6	1015.4	1018.7	1017.5	1 17.
	S D	5.338	9.381	8.431	7.182	6.334	4.255	4.128	3.781	4.916	7.182	9.691	10.70[illegible]	7.37
	TOTAL OBS	187	169	185	182	190	184	311	315	342	312	359	371	31[illegible]

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