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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SIEGENBURG GERMANY GUNNERY RANGE
N 48 45 E 011 48 ELEV: 1325 FT

WBAN #-4199

PARTS A-F
POR FROM HOURLY OBS APR 68-AUG 70
POR FROM DAILY OBS APR 68-MAR 70

OCT 28 1971

FEDERAL BUILDING
ASHEVILLE, N. C.

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REPORT DOCUMENTATION PAGE

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1 REPORT NUMBER: USAFETAC/DS- 80/58	2 GOVT ACCESSION NO. / 3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Siegenberg Germany Gunnery Range	5 TYPE OF REPORT & PERIOD COVERED: Final rept.
	6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)	8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12 REPORT DATE: 28 Oct 71 13 NUMBER OF PAGES
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15 SECURITY CLASS (of this report): UNCLASSIFIED 15A DECLASSIFICATION/DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for Siegenberg Germany Gunnery Range

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

DD FORM 1 JAN 73 1473

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

*Germany **Siegenberg Germany Gunnery Range

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA 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 00-02,03-05 18-20,21-23	APRIL 00-02, 03-05,21-23	JULY 00-02,03-05 18-20,21-23	OCTOBER 00-02,03-05 18-20,21-23
FEBRUARY 00-02,03-05 18-20,21-23	MAY 00-02 03-05,21-23	AUGUST 00-02,03-05 18-20,21-23	NOVEMBER 00-02,03-05 18-20,21-23
MARCH 00-02,03-05 18-20,21-23	JUNE 00-02, 18-20,21-23	SEPTEMBER 00-02,03-05 18-20,21-23	DECEMBER 00-02,03-05 18-20,21-23

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV. (FT)	CALL SIGN:	WMO NUMBER:
34199 (A)	SIEGENBURG GERMANY GUNNERY RANGE	N 48 45	E 011 48	1325		

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)	TYPE BAROMETER	
1	Siegenburg Gunnery Range Germany	AF	Apr 68	Dec 70	N 48 45	E 011 48	1325	N/A	9 to 13

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 68 to Dec 70	Located 30 yds W. of station.	AN/GMQ-11	None	13 ft	

USAF ETAC FORM APR 68 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

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

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

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

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 Snow - This list, if reported, is not shown in a separate category on this form but is included in the computation of 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 sum of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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1

WEATHER CONDITIONS

36199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 68-70 YEARS | ALL 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		12.6	.5	6.7		18.9	69.3	23.7			91.4	377
FEB			14.3		19.7		30.4	31.1	25.9			56.4	386
MAR			10.2		15.3		23.8	36.8	31.4			66.5	428
APR			18.3		7.0		24.8	12.6	13.1			29.3	505
MAY		.4	10.6				10.6	7.3	10.7			17.3	505
JUN		.4	11.0				11.0	9.7	9.9			19.6	610
JUL		.5	11.4				11.4	13.7	18.6			31.9	708
AUG		1.1	13.4				13.4	25.3	25.0			49.5	649
SEP			4.0				4.0	28.4	26.8			55.0	573
OCT			13.1		.1		13.1	39.2	22.8			60.9	674
NOV			16.6	.2	4.7		21.1	25.3	15.7			40.5	404
DEC			4.2	3.2	7.6		15.0	42.0	22.9			64.5	417
TOTALS		.2	11.6	.3	5.1		16.3	28.4	20.8			48.2	6336

DATA PROCESSING DIVISION
USAF ETAC
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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02												
	03-05												
	06-08		14,0	1,8	7,9		22,8	75,4	14,0			97,7	114
	09-11		13,4		6,2		17,0	76,8	14,3			91,1	112
	12-14		10,9		5,5		16,4	73,6	20,0			91,8	110
	15-17		12,2		7,3		19,5	51,2	46,3			95,1	41
	18-20												
	21-23												
TOTALS			12,6	,3	6,7		15,9	69,3	23,7			91,4	377

DATA PROCESSING DIVISION
USAF ETAC
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WEATHER CONDITIONS

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02												
	03-05												
	06-08		17.1		23.4		35.1	42.3	10.8			53.2	111
	09-11		18.9		20.7		35.1	29.7	19.8			46.8	111
	12-14		11.7		21.6		30.6	29.7	33.3			63.1	111
	15-17		9.6		13.2		20.8	22.6	39.6			62.3	53
	18-20												
	21-23												
TOTALS			14.3		19.7		30.4	31.1	25.9			36.4	386

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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02												
	03-05												
	06-08		9.2		14.2		29.3	53.3	23.3			76.7	120
	09-11		6.7		18.5		23.5	48.7	29.4			70.6	119
	12-14		11.2		21.6		29.3	31.0	37.1			63.8	116
	15-17		13.7		6.8		19.2	19.2	35.6			54.8	73
	18-20												
	21-23												
TOTALS			10.2		15.3		23.8	36.8	31.4			66.5	428

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

94199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02												
	03-05												
	06-08		28,9		8,1		36,3	29,6	5,9			35,6	135
	09-11		23,9		9,4		31,2	19,6	11,6			31,2	138
	12-14		23,2		6,5		29,7	11,6	12,3			23,9	138
	15-17		15,7		11,2		27,0	2,2	15,7			15,7	89
	18-20								20,0			20,0	5
	21-23												
TOTALS			18,3		7,0		24,8	12,6	13,1			25,3	505

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WEATHER CONDITIONS

34199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 68-70 YEARS | MAY 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												
	03-05												
	06-08		18.8				18.8	30.1	15.8			42.9	133
	09-11		19.2				19.2	3.1	23.1			26.2	130
	12-14		9.8				9.8	2.3	11.4			13.6	132
	15-17	2.0	5.0				5.0	1.0	3.0			4.0	101
	18-20												9
	21-23												
TOTALS		.4	10.6				10.6	7.3	10.7			17.3	505

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUN (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
JUN	00-02												
	03-05												5
	06-08		18.9				18.9	21.3	8.5			29.9	164
	09-11	.6	15.1				15.1	11.4	14.5			25.9	166
	12-14	.6	12.7				12.7	11.5	12.7			24.2	165
	15-17	.9	8.2				8.2	4.5	13.6			18.2	110
	18-20												
	21-23												
TOTALS		.4	11.0				11.0	9.7	9.9			19.6	610

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUL (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												
	06-08		12.2				12.2	35.1	19.7			53.2	188
	09-11	.5	13.8				13.8	14.4	22.1			36.4	195
	12-14	1.6	13.7				13.7	4.7	16.8			21.6	190
	15-17		5.9				5.9	.7	15.6			16.3	135
	18-20												
	21-23												
TOTALS		.5	11.4				11.4	13.7	18.6			31.9	708

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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) AUG (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												
	03-05												
	06-08	1.1	13.9				13.9	55.6	17.2			70.6	180
	09-11	1.1	21.4				21.4	26.9	29.7			56.0	182
	12-14	1.1	12.9				12.9	15.7	28.1			43.8	178
	15-17	.9	5.5				5.5	2.8	24.8			27.5	109
	18-20												
	21-23												
TOTALS		1.1	13.4				13.4	25.3	25.0			49.5	649

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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) SEP (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
SEP	00-02												
	03-05												
	06-08		3,8				3,8	65,6	14,8			79,8	183
	09-11		3,8				3,8	32,8	32,8			65,6	186
	12-14		5,9				5,9	9,1	34,9			44,1	186
	15-17		2,5				2,5	5,9	24,6			30,5	118
	18-20												
	21-23												
TOTALS			4,0				4,0	28,4	26,8			55,0	673

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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO OF OBS
OCT	00-02												
	03-05												
	06-08		16.8		.5		16.8	66.5	12.0			78.5	191
	09-11		21.0				21.0	50.8	24.6			71.8	195
	12-14		9.4				9.4	28.1	27.6			54.7	192
	15-17		5.2				5.2	11.5	27.1			38.5	96
	18-20												
	21-23												
TOTALS			13.1		.1		13.1	39.2	22.8			60.9	674

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

1

WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) NOV (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
NOV	00-02												
	03-05												
	06-08		19.3	.8	2.5		22.7	34.5	11.8			46.2	119
	09-11		16.5		7.4		24.0	32.2	19.8			51.2	121
	12-14		18.3		7.0		23.5	28.1	20.9			46.1	115
	15-17		12.2		2.0		14.3	8.2	10.2			18.4	49
	18-20												
	21-23												
TOTALS			16.6	.2	4.7		21.1	25.3	15.7			40.3	404

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WEATHER CONDITIONS

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02												
	03-05												
	06-08		5.0	5.7	10.0		20.7	47.1	20.7			67.1	140
	09-11		5.2	4.4	11.1		20.7	55.6	18.5			73.3	135
	12-14		6.7	2.5	9.2		18.5	47.9	17.6			65.5	119
	15-17							17.4	34.8			52.2	23
	18-20												
	21-23												
TOTALS			4.2	3.2	7.6		15.0	42.0	22.9			64.5	417

DATA PROCESSING DIVISION
DIAC/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	DATA NOT AVAILABLE	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DATA NOT AVAILABLE	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DATA NOT AVAILABLE	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 amount 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 0300 LST
	Jan 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,

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EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70
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
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM 0-88-5 (OL)

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USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

34100 SIEGENBURG GERMANY GUNNERY RANGE 68-70
STATION STATION NAME 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
68				.52	.39	.59	.66	1.56	.49	.49	.34	.27	PRECIP
				5	20	16	18	16	16	17	12	13	DAYS
69	.06												PRECIP
	17	0	0	0	0	0	0	0	0	0	0	0	DAYS
70		.50	.70										PRECIP
	0	13	17										DAYS
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATIONS

34188 SIEGENBURG GERMANY GUNNERY RANGE 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
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM 0-80-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

34150 SIEGENBURG GERMANY GUNNERY RANGE 70
STATION STATION NAME 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
68				0	0	0	0	0	0	0	0	0	SNOFALL
													DAYS
69	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL
													DAYS
70		1.0	7.0										SNOFALL
	0	14	18										DAYS
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

26199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 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
68				0	0	0	0	0	0	0	3	3	SNO DPTH
				5	20	16	22	21	20	22	17	15	DAYS
69	6	8	1	0	0	0	0	0	0	0	0	9	SNO DPTH
	19	19	20	19	12	19	21	20	21	21	11	14	DAYS
70	9	5	7										SNO DPTH
	16	15	19										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

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.3	.0								1.7	5.0
NNE	.4	.9	.2	.1								1.6	4.9
NE	.7	1.6	.8	.1								3.2	5.4
ENE	1.4	3.8	1.7	.4								7.3	5.6
E	1.6	4.1	1.7	.4	.0							7.8	5.7
ESE	.8	1.9	.8	.1								3.5	5.4
SE	.3	1.0	.5	.0								1.8	5.6
SSE	.4	.9	.2	.0								1.4	4.8
S	.6	1.3	.5	.1	.0							2.4	5.1
SSW	.3	1.0	.6	.2								2.0	6.2
SW	.3	1.1	1.4	.3	.0							3.2	7.2
WSW	1.0	4.1	6.1	1.9	.2							13.1	7.8
W	1.7	7.0	5.5	1.6	.3							16.1	7.0
WNW	.7	1.8	1.6	.3								4.4	6.4
NW	.4	.9	.6	.2	.0							2.0	6.2
NNW	.5	.7	.4	.1								1.7	5.3
VARBL	1.5	.7	.0		.0							2.2	3.3
CALM												24.4	
	13.0	32.6	22.9	5.7	.5							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 6364

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (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													
NNE													
NE		1.1										1.1	4.3
ENE	4.2	6.4	.5									11.1	4.0
E	5.3	7.4	.8									13.5	4.0
ESE	1.3	3.4	1.9									6.6	5.8
SE		.8										.8	4.7
SSE	.5											.5	2.5
S	.3											.3	2.0
SSW	.5	.3	.8									1.6	5.8
SW		.5	.8	.3								1.6	7.7
WSW	.3	3.4	3.4	.5								6.6	7.1
W	1.6	5.3	1.1									8.0	4.9
WNW		1.1										1.1	4.5
NW	.5											.5	2.5
NNW													
VARBL	.8	.3										1.1	2.8
CALM												45.6	
	15.4	28.9	9.3	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 377

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MO.)

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								.5	9.0
NNE	.8	1.6	.5									2.8	4.6
NE	.3	1.3	1.0									2.6	5.8
ENE	.5	3.9										4.4	4.7
E	.8	2.1	.3									3.1	4.6
ESE	.5	1.3	.3									2.0	4.3
SE		.3	.8									1.0	7.5
SSE	.5	1.0										2.1	4.0
S	1.6	1.8	.8									4.1	4.4
SSW	.3	1.8	.8	.8								3.6	7.4
SW	.8	1.6	2.6	.8								5.7	7.5
WSW	2.1	4.9	8.8	2.3	1.3							19.4	8.7
W	1.8	3.6	5.4	1.6	1.0							13.5	8.4
WNW	1.0	.5	1.3									2.8	6.5
NW													
NNW	.3	.3										.5	3.5
VARBL	.8	.5										1.3	3.4
CALM												29.8	
	12.2	27.5	22.3	5.7	2.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 386

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06190	SIEGENBURG GERMANY GUNNERY RANGE	69-70	MAR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.2									.9	4.5
NNE	1.2	2.6	.5									4.2	4.7
NE	1.4	3.0	1.2									5.6	4.9
ENE	.2	10.3	3.7	.7								15.0	6.1
E	.9	4.7	1.4	.5								7.5	6.1
ESE		2.1	.7	.2								3.0	6.2
SE	.2	.2	.2									.7	5.0
SSE													
S		1.2	.7									1.9	6.8
SSW	.5	.7	.2									1.4	5.0
SW		.7	1.4									2.1	7.6
WSW	1.6	1.2	8.6	1.2								12.6	8.4
W	.7	4.7	2.8	.7								8.9	6.7
WNW		.7	.5									1.2	5.6
NW													
NNW			.2									.2	9.0
VARBL		1.4										1.4	5.2
CALM												33.4	
	7.0	33.9	22.4	3.3								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 428

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	1.2	.2								3.4	5.8
NNE	.2	.4										.6	4.0
NE		.2	.8									1.0	7.4
ENE	.2	1.4	1.0	.4								3.0	6.8
E	.2	1.2	1.2	.2								2.8	6.4
ESE		.4	1.0									1.4	7.6
SE	.2	.2	.8									1.2	7.2
SSE	.4	1.0										1.4	4.0
S		1.6	.8									2.4	5.9
SSW		.4	.6									1.0	6.8
SW		.8	2.0	.8	.2							3.8	8.7
WSW	.4	6.2	8.4	7.2								22.1	9.1
W	1.0	10.2	11.4	4.2	1.2							27.9	8.5
WNW	1.4	1.6	2.2	.8								6.0	7.0
NW	.4	2.2	1.2		.2							4.0	6.3
NNW		1.6	1.0	.2								2.8	6.6
VARBL	1.2	1.4										2.6	4.4
CALM												12.7	
	6.8	31.5	33.5	13.9	1.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 502

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2										.6	3.7
NNE	.4	.8	.6	.4								2.1	6.9
NE	.2	1.9	3.1	.4								5.6	7.1
ENE	.8	3.4	2.3	.8								7.0	6.5
E	1.7	3.5	3.7	1.2	.2							10.3	7.2
ESE	.6	1.2	1.7	.2								3.7	6.5
SE	.4	.6	1.0	.2								2.1	7.5
SSE	.4	.6		.2								1.2	6.3
S		1.0	1.2	.8	.2							3.1	8.6
SSW	.2	1.2	.8									2.1	5.9
SW	.2	1.0	2.5	.6								4.5	8.7
WSW		1.2	6.6	2.3								10.1	8.9
W	1.6	5.8	6.8	1.6								15.7	6.9
WNW	.8	1.9	2.1	.8								5.6	6.8
NW	.4	1.6	1.7	1.6								5.2	8.2
NNW	.6	.4	.6	.2								1.7	5.8
VARBL	1.4	1.4										2.7	3.2
CALM												10.7	
	9.9	27.1	36.7	11.2	.4							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 516

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	.3									1.1	5.1
NNE	.8	.5	.2	.2								1.6	4.8
NE	1.1	1.0	.2	.2								2.5	4.1
ENE	1.5	5.1	3.4	.8								10.8	6.4
E	.8	3.4	3.8	.7								8.7	6.9
ESE	.7	2.0	.7	.5								3.8	6.3
SE	.3	.7	.5									1.5	5.9
SSE	.2	1.0	.3									1.5	4.9
S	.5											.5	2.3
SSW		1.1	.3	.2								1.6	6.9
SW	.7	.8	.2	.2								1.8	5.0
WSW	1.6	5.4	4.4	.3								11.8	6.1
W	3.1	11.1	8.9	2.8								25.9	6.7
WNW	.8	2.1	2.6	.7								6.2	7.0
NW	.3	1.3	1.8	.5								3.9	7.4
NNW	1.0	1.1	1.3	.3								3.9	6.3
VARBL	1.6	.7										2.3	3.1
CALM												10.5	
	15.4	37.9	29.0	7.2								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 610

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.6									2.1	5.2
NNE	.1	1.3	.1									1.0	4.7
NE	.6	1.6	.4									2.5	4.8
ENE	1.0	3.0	2.8	.4								7.2	6.2
E	.7	3.1	2.8	1.7								8.3	7.4
ESE	.4	2.3	1.3									4.2	5.9
SE		1.0	.4									1.4	6.0
SSE	.4	1.1	.8									2.4	6.4
S	.6	1.4	.3									2.3	4.3
SSW	.4	1.0	.6	.4								2.4	6.8
SW	.1	2.0	2.3	.1								4.5	6.8
WSW	.3	3.0	4.0	.6								7.8	7.5
W	1.6	7.2	8.1	2.4	.1							19.4	7.4
WNW	1.0	3.7	4.1	.8								9.6	7.0
NW	.3	1.7	.4									2.4	5.3
NNW	.8	1.0	.4									2.3	5.0
VARBL	1.1	.3										1.4	2.8
CALM												18.2	
	10.0	35.7	29.4	6.5	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 708

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 55	≥56	%	MEAN WIND SPEED
N	.9	4.2	1.1									6.2	5.1
NNE	.2	.6										.8	6.0
NE	1.1	2.2	.8	.2								4.2	5.9
ENE	1.8	1.7	.6	.5								4.6	5.0
E	1.4	4.3	1.4	.2								7.2	5.4
ESE	.6	1.2	1.1									2.9	6.0
SE	.3	.6	.5									1.4	5.1
SSE	.2	.9	.2									1.2	4.9
S	.8	2.8	1.1									4.5	5.5
SSW	.5	.8	1.5	.2								2.9	6.5
SW	.6	1.1	1.8	.3								3.9	6.6
WSW	1.5	5.2	7.9	.2								14.8	6.7
W	2.2	6.9	4.6	.5								14.2	5.9
WNW	.6	3.2	1.7									5.5	5.7
NW	.8	.6	.6									2.0	4.9
NNW	1.2	.3	.3									1.8	3.8
VARBL	2.0	1.4										3.4	3.2
CALM												18.6	
	16.9	37.8	25.1	1.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 649

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)

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) SEP (MONTH)

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

(DIRECTION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7										1.2	4.4
NNE	.7	1.5										2.2	4.0
NE	.7	2.8	.4	.1								4.2	5.2
ENE	2.2	5.3	1.2	.3								9.1	4.9
E	1.9	5.6	1.2									8.8	4.8
ESE	1.0	2.5	.1									3.7	4.5
SE	.3	1.8	.4									2.5	5.2
SSE	.3	.3	.1									.7	3.6
S	1.2	1.3	.4									3.0	4.5
SSW	.4	1.6	.6	.1								2.8	5.5
SW	.3	1.9	1.0	.1								3.4	6.3
WSW	1.2	5.5	4.6	2.2								13.5	7.2
W	2.2	5.6	3.3	.7	.7							12.6	6.6
WNW	.2	1.9	.6	.2								3.4	4.9
NW	.9	.9	.3									1.5	4.8
NNW	.7	.7	.3									1.8	4.0
VARBL	2.5	.6										3.1	2.9
CALM												22.0	
	18.1	40.6	14.7	3.9	.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 673

USAFETAC FORM 0-5 (OL-1) PREVIOUS EDITION OF THIS FORM ARE OB...

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 59-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.1										.9	3.5
NNE		.4	.1									.6	6.3
NE	.9	.7	.6									2.2	4.6
ENE	2.4	3.0	.3									5.6	4.2
E	1.6	3.4	1.0									6.1	4.8
ESE	1.0	1.2	.9									3.1	4.9
SE	.6	1.3	.9									2.8	5.7
SSE		.4	.3									.7	5.6
S	.1	.7	.1									1.0	4.7
SSW	.1	.9	.3									1.3	5.6
SW	.1	.6	1.3	.4								2.5	7.8
WSW	1.0	4.3	7.6	2.5	.1							15.6	8.0
W	1.5	7.4	5.6	3.3								17.8	7.5
WNW	.1	1.3	1.2									2.7	6.8
NW	.3	.7	.1									1.2	4.4
NNW	.1	1.5	.1									1.8	5.3
VARBL	2.5	.1	.1									2.8	2.8
CALM												31.2	
	13.4	28.3	20.8	6.2	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 674

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	.2									1.5	4.3
NNE	.5	1.2		.2								2.0	5.3
NE	.5	2.0	2.0	.2								4.7	6.3
ENE	1.5	1.0	2.0	.2								4.7	6.3
E	2.2	4.2	.5	.2								7.2	4.6
ESE	1.5	2.5	.2									4.2	4.0
SE	.7	1.7	.2									2.7	4.5
SSE	1.5	2.2										3.7	3.8
S	2.0	2.5										4.5	3.7
SSW	.2	1.5										1.7	4.0
SW	.2	1.2	.2									1.7	4.7
WSW	.7	5.2	5.9	3.5	.7							16.1	8.5
W	2.0	7.2	5.4	.2								14.9	6.2
WNW	1.0	1.5	.5									3.0	4.7
NW	.5	.5										1.0	3.5
NNW	.2	.7										1.0	4.3
VARBL	.7	.2										1.0	3.3
CALM												24.5	
	16.3	36.6	17.3	4.7	.7							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 404

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2										.7	3.3
NNE	.5	.7	.2									1.4	4.3
NE	.7	1.4										2.2	4.1
ENE	.5	3.6	2.2									6.2	6.1
E	2.4	7.4	1.4									11.3	4.9
ESE	1.9	1.9										3.8	3.4
SE	.5	2.4										2.9	4.3
SSE	.5	1.4										1.9	4.1
S	.2	1.2										1.4	3.7
SSW		.7	.2	.2								1.2	8.0
SW	.5	.7	.5	.5								2.2	6.9
WSW	.7	3.4	3.1	.2	.2							7.7	7.1
W	1.2	6.2										7.4	4.4
WNW	.2											.2	3.0
NW	.2											.2	2.0
NNW													
VARBL	1.7	.5			.2							2.4	4.4
CALM												46.8	
	12.2	31.9	7.7	1.0	.5							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 417

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		1.8										1.8	4.0
ENE	5.3	2.6										7.9	3.4
E	9.6	7.0										16.7	3.2
ESE		4.4	1.8									6.1	5.7
SE		.9										.9	5.0
SSE	.9											.9	2.0
S	.9											.9	2.0
SSW	.9											.9	2.0
SW			.9									.9	7.0
WSW	.9	1.8	1.8	.9								5.3	6.2
W	2.6	5.3										7.9	4.3
WNW		1.8										1.8	5.0
NW													
NNW													
VARBL	.9											.9	2.0
CALM												47.4	
	21.9	25.4	4.4	.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 114

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	5.4	7.1										12.5	3.7
E	2.7	8.0	.9									11.6	4.3
ESE	.9	5.4	2.7									8.9	6.6
SE													
SSE													
S													
SSW	.9	.9	1.8									3.6	6.0
SW		.9	.9									1.8	7.5
WSW		2.7	2.7									5.4	6.8
W	.9	3.6										4.5	4.6
WNW													
NW													
NNW													
VARBL	.9											.9	2.0
CALM												50.9	
	11.6	28.6	8.9									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 112

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		.9										.9	5.0
ENE	2.7	10.0	.9									13.6	4.5
E	3.6	7.3	1.8									12.7	4.7
ESE	2.7	.9	1.8									5.5	5.5
SE		1.8										1.8	4.5
SSE	.9											.9	3.0
S													
SSW			.9									.9	9.0
SW			.9	.9								1.8	10.0
WSW		1.8	4.5									6.4	7.4
W		6.4	3.6									10.0	5.9
WNW		1.8										1.8	4.0
NW	.9											.9	2.0
NNW													
VARBL	.9	.9										1.8	3.5
CALM												40.9	
	11.8	31.8	16.5	.9								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 110

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		2.4										2.4	4.0
ENE	2.4	4.9	2.4									9.8	5.0
E	4.9	7.3										12.2	3.8
ESE	2.4	2.4										4.9	3.0
SE													
SSE													
S													
SSW													
SW		2.4										2.4	4.0
WSW		4.9	7.3	2.4								14.6	7.8
W	4.9	7.3										12.7	4.0
WNW													
NW	2.4											2.4	3.0
NNW													
VARBL													
CALM												39.0	
	17.1	31.7	9.8	2.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 41

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.9								.9	15.0
NNE	.9	1.8										2.7	3.3
NE	.9	1.8										2.7	4.3
ENE	1.8	4.5										6.3	4.3
E													
ESE													
SE													
SSE		1.8										1.8	4.0
S	.9		.9									1.8	5.0
SSW	.9	3.6										4.5	4.6
SW	.9	2.7	1.8	.9								6.3	7.4
WSW		3.6	11.7	.9	1.8							18.0	9.6
W	3.6	3.6	2.7	.9	.9							11.7	7.0
WNW													
NW													
NNW		.9										.9	4.0
VARBL													
CALM												42.3	
	9.9	24.3	17.1	3.6	2.7							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 111

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.8	.9	.9									3.6	4.3
NE		.9	.9									1.8	5.5
ENE		6.3										6.3	5.1
E	1.8	1.8										3.6	3.0
ESE		.9										.9	5.0
SE													
SSE	.9	.9										1.8	3.5
S	.9	1.8										2.7	4.7
SSW		2.7	.9									3.6	6.0
SW	.9	.9	2.7									4.5	6.0
WSW	1.8	6.3	8.1	5.4	2.7							24.3	9.8
W	.9	1.8	6.3	1.8								10.8	8.8
WNW	.9	.9	.9									2.7	6.0
NW													
NNW	.9											.9	3.0
VARBL	.9											.9	3.0
CALM												31.5	
	11.7	26.1	20.7	7.2	2.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 111

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)

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (' S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.0
NNE		.9	.9									1.8	6.5
NE		.9	.9									1.8	6.0
ENE		1.8										1.5	4.5
E	.9	3.6										4.5	5.0
ESE	1.8	4.5	.9									7.2	4.1
SE			.9									.9	8.0
SSE	.9	1.8										2.7	4.3
S	1.8	2.7	.9									5.4	4.2
SSW				2.7								2.7	13.0
SW		.9	2.7	1.8								5.4	9.5
WSW	4.5	6.3	8.1									18.9	6.3
W	.9	3.6	7.2	.9	2.7							15.3	9.6
WNW	2.7	.9	1.8									5.4	5.7
NW													
NNW													
VARBL	.9	.9										1.8	3.5
CALM												23.4	
	15.3	28.8	24.3	5.4	2.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 111

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
NNE		3.8										3.8	5.5
NE		1.9	3.8									5.7	7.3
ENE		1.9										1.9	5.0
E		3.8	1.9									5.7	6.0
ESE		1.9										1.9	5.0
SE		1.9	3.8									5.7	7.3
SSE		1.9										1.9	4.0
S	3.8	3.8	1.9									9.4	4.2
SSW			3.8									3.8	9.0
SW	1.9	1.9	3.8									7.5	6.8
WSW	1.9	1.9	5.7	3.8								13.2	8.7
W	1.9	7.5	5.7	3.8								18.9	7.7
WNW			3.8									3.8	10.0
NW													
NNW													
VARBL	1.9	1.9										3.8	3.5
CALM												13.2	
	11.3	36.0	34.0	7.5								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 53

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.8									.8	7.0
NNE		1.7										1.7	5.5
NE	3.3	4.2	.8									8.3	3.9
ENE	.8	9.2	.8									10.8	4.9
E	.8	3.3	.8									5.0	5.7
ESE													
SE													
SSE													
S													
SSW	.8	.8										1.7	4.0
SW			1.7									1.7	8.0
WSW	3.3	2.5	5.0									10.8	6.3
W		7.5	1.7	1.7								10.8	6.5
WNW													
NW													
NNW													
VARBL													
CALM												45.3	
	9.2	29.2	11.7	1.7								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 120

DATA PROCESSING DIVISION
8TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8											.8	3.0
NNE	2.5	2.5	.8									5.9	4.7
NE	.8	2.5	.8									4.2	4.8
ENE		9.2	2.5	.8								12.6	6.4
E	.8	6.7	1.7									9.2	5.6
ESE		4.2	1.7	.8								6.7	6.4
SE		.8										.8	5.0
SSE													
S			1.7									1.7	8.0
SSW	.8	1.7										2.5	4.7
SW		1.7										1.7	6.0
WSW	1.7	.8	9.2									11.8	8.1
W	1.7	5.9	1.7									9.2	5.3
WNW													
NW													
NNW													
VARBL		.8										.8	6.0
CALM												31.9	
	9.2	37.0	20.2	1.7								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 119

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) MAR (MONTH)

ALL WEATHER (CASE)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 2	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	3.4										5.2	4.2
NE	.9	2.6										3.4	4.3
ENE		11.2	5.2	.9								17.2	6.1
E	1.7	5.2	2.6	.9								10.3	6.3
ESE													
SE			.9									.9	7.0
SSE													
S		1.7	.9									2.6	7.3
SSW			.9									.9	8.0
SW		.9	.9									1.7	8.0
WSW	.9	.9	11.2	2.6								15.5	9.2
W		3.4	5.2	.9								9.5	8.2
WNW		1.7	.9									2.5	5.3
NW													
NNW			.9									.9	9.0
VARBL		2.6										2.6	5.0
CALM												26.7	
	5.2	33.6	29.3	5.2								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

26199	SIEGENBURG GERMANY GUNNERY RANGE	69-72	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥	%	MEAN WIND SPEED
N		2.7										2.7	4.0
NNE		2.7	1.4									4.1	5.3
NE		2.7	4.1									6.8	7.4
ENE		1.3	8.2	1.4								21.9	6.8
E		2.7		1.4								4.1	7.3
ESE		5.5	1.4									6.8	5.8
SE	1.4											1.4	3.0
SSE													
S		4.1										4.1	5.3
SSW													
SW			4.1									4.1	8.0
WSW			9.6	2.7								12.3	10.2
W	1.4		2.7									4.1	7.3
WNW		1.4	1.4									2.7	6.0
NW													
NNW													
VARBL		2.7										2.7	5.0
CALM												21.9	
	2.7	27.0	32.9	5.5								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 73

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)

94199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.7									1.5	8.0
NNE													
NE		.7										.7	6.0
ENE	.7	0										3.7	4.6
E		1.3	.7									2.2	5.7
ESE		.7										.7	5.0
SE	.7											.7	2.0
SSE	.7	.7										1.5	3.0
S		2.2	.7									3.0	5.5
SSW													
SW		.7	3.0	.7								4.4	8.7
WSW		5.9	8.1	5.2								19.3	9.0
W	.7	13.3	11.9	.7								26.7	6.8
WNW	1.5	1.5	.7	.7								4.4	5.7
NW	.7	2.2										3.0	3.8
NNW		.7										.7	6.0
VARBL													
CALM												27.4	
	5.2	36.1	25.9	7.4								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
8TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	.7										2.9	2.5
NNE													
NE													
ENE		1.4	.7	.7								2.9	8.3
E			1.4	.7								2.2	9.3
ESE			2.2									2.2	8.0
SE		.7	1.4									2.2	8.0
SSE													
S		1.4	.7									2.2	5.7
SSW			.7									.7	7.0
SW		.7	2.2		.7							3.6	9.0
WSW	1.4	5.8	10.9	9.4								27.5	9.2
W	.7	10.1	12.3	3.6	2.2							29.0	8.7
WNW	2.2		2.9									5.1	5.4
NW	.7	2.9	2.2									5.8	5.6
NNW		1.4	2.2									3.6	6.8
VARBL	.7	.7										1.4	4.5
CALM												8.7	
	8.0	26.1	39.9	14.5	2.9							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 138

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.5	.7								5.1	6.6
NNE	.7	.7										1.5	4.0
NE			2.2									2.2	7.3
ENE													
E		2.2	1.5									3.6	6.2
ESE			1.5									1.5	9.5
SE			.7									.7	10.0
SSE		2.9										2.9	5.0
S			.7									.7	7.0
SSW		1.5	1.5									2.9	6.8
SW		1.5	2.2	.7								4.4	7.7
WSW		8.0	5.1	9.5								22.6	9.2
W	1.5	9.5	8.8	5.8	1.5							27.0	9.2
WNW	1.5	2.2	2.2	1.5								7.3	7.9
NW		.7	2.2		.7							3.6	10.4
NNW		2.2	.7									2.9	6.0
VARBL	2.2	2.2										4.4	4.2
CALM												6.6	
	7.3	35.0	30.7	18.2	2.2							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 137

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1		3.4									4.6	6.5
NNE		1.1										1.1	4.0
NE			1.1									1.1	9.0
ENE		1.1	3.4	1.1								5.7	7.6
E	1.1	1.1	1.1									3.4	4.7
ESE		1.1										1.1	5.0
SE													
SSE	1.1											1.1	2.0
S		3.4	1.1									4.6	6.3
SSW													
SW				2.3								2.3	11.5
WSW		4.6	9.2	3.4								17.2	8.9
W	1.1	6.9	13.8	8.0	1.1							31.0	9.4
WNW		3.4	3.4	1.1								8.0	8.4
NW		2.3										2.3	5.0
NNW		2.3	1.1	1.1								4.6	7.3
VARBL	2.3	3.4										5.7	4.6
CALM												5.7	
	4.9	31.0	37.9	17.2	1.1							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 87

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE			20.0									20.0	8.0
E													
ESE													
SE			20.0									20.0	7.0
SSE													
S													
SSW													
SW													
WSW			20.0									20.0	7.0
W													
WNW													
NW		20.0										20.0	4.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.0	
		20.0	60.0									100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	3.0
NNE		1.5		.7								2.2	8.0
NE		1.5	1.5									3.0	6.3
ENE	2.2	.7										3.0	3.8
E	3.0	3.0	2.2									8.1	5.4
ESE		1.5										1.5	6.0
SE													
SSE													
S			.7									.7	7.0
SSW		2.2										2.2	5.3
SW		.7	3.0									3.7	9.0
WSW		3.0	6.7	1.5								11.1	7.7
W	2.2	7.4	7.4									17.0	5.9
WNW	.7	.7	.7									2.2	4.7
NW		1.5	.7									2.2	3.7
NNW	.7		.7									1.5	5.0
VARBL													
CALM												40.7	
	9.6	23.7	23.7	2.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.7	1.5										2.2	3.7
NE		2.2	2.2	.7								5.2	7.3
ENE	.7	4.5	3.7	.7								9.7	6.3
E		2.2	6.7	.7								9.7	5.6
ESE	.7	1.5	1.5									3.7	6.0
SE	1.5		.7									2.2	5.0
SSE		1.5										1.5	5.0
S		2.2										2.2	5.0
SSW		2.2	.7									3.0	5.3
SW	.7	.7		1.5								3.0	8.0
WSW		1.5	9.7	3.0								14.2	8.9
W	.7	6.0	6.7	2.2								15.7	7.2
WNW	.7	2.2	1.5	2.2								6.7	7.2
NW	.7	2.2		2.2								5.2	7.7
NNW	.7	.7										1.5	3.5
VARBL	2.2	.7										3.0	3.0
CALM												11.2	
	9.7	32.1	33.6	13.4								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 134

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7										1.5	4.0
NNE	.7		.7									1.5	6.5
NE		.7	4.4	.7								5.9	8.0
ENE		.7	2.2	2.2								5.2	9.6
E	3.0	5.2	4.4	3.7								16.3	7.4
ESE		.7	3.7									4.4	6.8
SE		.7	3.0	.7								4.4	9.2
SSE	1.5	.7		.7								3.0	7.0
S			2.2	1.5								3.7	9.8
SSW			2.2									2.2	8.3
SW		1.5	3.7	.7								5.9	8.5
WSW			5.9	2.2								8.1	9.7
W	3.0	5.2	7.4	3.7								19.3	7.4
WNW	.7	2.2	1.5									4.4	8.8
NW			3.7	2.2								5.9	9.6
NNW			1.5									1.5	8.0
VARBL	.7	2.2										3.0	3.5
CALM												3.7	
	10.4	20.7	46.7	18.5								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1300-1700 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			1.0	1.0								1.9	10.5
NE	1.0	3.9	4.9									9.7	6.5
ENE		7.8	2.9									10.7	5.6
E		3.9	1.0		1.0							5.8	7.2
ESE	1.9	1.0	1.9	1.0								5.8	6.5
SE		1.9										1.9	6.0
SSE													
S		1.9	1.9	1.9	1.0							6.8	9.4
SSW	1.0											1.0	3.0
SW		1.0	3.9	1.0								5.8	9.2
WSW			3.9	2.9								6.8	10.4
W		3.9	5.8									9.7	7.2
WNW	1.0	2.9	4.9	1.0								9.7	7.4
NW	1.0	2.9	2.9	1.9								8.7	8.2
NNW	1.0	1.0		1.0								2.9	6.3
VARBL	1.9	2.9										4.9	3.2
CALM												7.8	
	8.7	35.0	35.0	11.7	1.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 103

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-69 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) / D	1 - 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			11.1									11.1	7.0
NE													
ENE			11.1									11.1	7.0
E	11.1											11.1	3.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W		11.1										11.1	5.0
WNW			11.1									11.1	10.0
NW													
NNW													
VARBL	11.1											11.1	3.0
CALM												33.3	
	22.2	11.1	33.3									100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 9

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-69 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW	20.0	40.0										60.0	4.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												40.0	
	20.0	40.0										100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 63-73 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE	.6	.6										1.2	4.5
NE	1.8	.6	.6									3.0	4.0
ENE	1.8	8.5	1.2									11.6	5.1
E	1.8	3.7	1.8	.6								7.9	5.6
ESE		.6										.6	6.0
SE	.6		.6									1.2	5.0
SSE													
S													
SSW		.6										.6	3.0
SW		1.2										1.2	2.3
WSW	1.8	7.3	4.3	.6								14.0	5.7
W	7.9	11.0	11.0	.6								30.5	5.6
WNW	.6	1.2	.6									2.4	5.0
NW		.6										.6	4.0
NNW		1.8										1.8	3.3
VARBL	1.2											1.2	3.0
CALM												21.3	
	18.9	37.8	20.1	1.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 164

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)

36199 STATION | STEGENBURG GERMANY GUNNERY RANGE STATION NAME | 58-70 YEARS | JUN MONTH

ALL WEATHER CLASS | 0900-1100 HOURS (LST)

DESCRIPTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0		.6									1.2	6.0
NNE													
NE	1.2											1.2	2.0
ENE	2.4	3.0	6.8	1.2								11.4	6.7
E		1.2	7.2									8.4	7.9
ESE	1.2	3.6	1.2	.6								6.6	5.7
SE		.6	.6									1.2	7.5
SSE		.6	.6									1.2	6.0
S	.6											.6	3.0
SSW		2.4	.6									3.0	6.0
SW													
WSW	1.2	7.8	7.8									16.9	6.6
W	2.4	13.3	3.6	4.2								23.5	6.6
WNW		3.0	2.4									5.4	6.3
NW		3.0	1.2									4.2	6.1
NNW	1.8	.6	1.8									4.2	5.3
VARBL	1.2											1.2	2.0
CALM												9.6	
	12.7	39.3	32.5	6.0								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 166

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

DATA PROCESSING DIVISION
2TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06199	SIF, ENBURG GERMANY GUNNERY RANGE	68-70	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1600
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE	1.2	1.2		.6								3.0	5.4
NE	.6	2.4										3.0	4.0
ENE	.6	4.8	3.6	1.2								10.3	7.0
E	.6	3.6	3.0	1.2								8.5	7.4
ESE	1.2	1.8	1.2	.6								4.8	6.4
SE		1.8	.6									2.4	6.3
SSE	.6	1.2	.6									2.4	5.0
S	1.2											1.2	2.0
SSW		.6		.6								1.2	9.5
SW	.6	1.8	.6									3.0	5.2
WSW	.6	3.0	3.6	.6								7.8	7.2
W	.6	11.5	12.1	1.2								25.5	7.0
WNW	1.2	2.4	3.6	1.2								8.5	7.4
NW	.6	.6	3.6	1.2								6.1	8.0
NNW	.6		1.2	1.2								3.0	8.8
VARBL	2.4	1.8										4.2	3.4
CALM												4.2	
	12.7	39.4	33.9	9.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 165

USAETAC 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)

26199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.8	.9									2.7	5.7
NNE	1.8		.9									2.7	4.0
NE	.9	.9		.9								2.7	5.7
ENE	.9	3.6	4.5	.9								10.0	7.1
E	.9	6.4	2.7	.9								10.9	6.4
ESE		1.8		.9								2.7	8.7
SE	.9											.9	3.0
SSE		2.7										2.7	4.0
S													
SSW		.9	.9									1.8	7.0
SW	2.7			.9								3.6	4.5
WSW	2.7	.9	.9									4.5	3.4
W	.9	8.2	9.1	6.4								24.5	6.0
WNW	1.8	1.8	4.5	1.8								10.0	7.9
NW	.9	.9	2.7	.9								5.5	8.5
NNW	1.8	2.7	3.6									8.2	5.9
VARBL	1.8	.9										2.7	3.0
CALM												3.6	
	18.2	33.6	30.9	13.6								100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 110

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.5										1.6	4.0
NNE		.5										.5	4.0
NE	.5	1.6	.5									2.7	5.2
ENE	.5	2.7	.5									3.7	5.6
E		1.6	1.1									2.7	6.0
ESE	.5	.5										1.1	4.0
SE		1.1										1.1	5.0
SSE	.5	.5	.5									1.6	6.0
S	1.1	1.6										2.7	3.2
SSW		.5										.5	4.0
SW	.5	2.1	.5									3.2	4.8
WSW	.5	1.6	1.6									3.7	6.4
W	2.7	12.8	4.8	1.6								21.8	6.2
WNW	.5	7.0	2.1	.5								9.6	6.7
NW		.5										.5	4.0
NNW		.5	.5									1.1	6.0
VARBL													
CALM												42.0	
	8.5	33.5	13.9	2.1								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 188

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.5									2.1	5.3
NNE	.5	1.5										2.1	4.5
NE	1.0	1.5	.5									3.1	4.3
ENE		2.6	2.6									5.1	6.7
E	1.0	4.1	3.6	1.0								9.7	6.8
ESE	1.0	4.1	1.5									6.7	5.1
SE		1.5										1.5	4.7
SSE	.5	1.0										1.5	3.7
S	1.0	1.0	.5									2.6	4.4
SSW	.5	1.5										2.1	3.5
SW		2.6	1.5									4.1	6.0
WSW	.5	4.6	4.1	.5								9.7	7.1
W	1.5	8.2	10.3	3.1								23.1	7.6
WNW	1.5	3.1	2.1	1.0								7.7	6.5
NW		1.5										1.5	4.7
NNW	.5											2.1	2.5
VARBL	1.5	.5										2.1	3.3
CALM												13.3	
	13.3	40.5	27.2	5.6								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 195

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.1	1.1									3.7	5.3
NNE		2.1	.5									2.6	5.2
NE	.5	2.1	.5									3.2	4.8
ENE	1.1	3.2	4.2	1.								9.5	6.5
E	1.6	4.2	3.7	2.1								11.6	7.0
ESE		3.2	2.1									5.3	6.7
SE		.5	1.1									1.6	7.3
SSE		1.1	.5									1.6	7.0
S		1.6	.5									2.1	5.5
SSW		.5	1.1	1.1								2.6	10.0
SW		2.6	1.6	.5								4.7	7.3
WSW		2.6	6.8	1.1								10.5	6.3
W	.5	4.2	8.4	2.6	.5							16.3	8.4
WNW	1.1	4.2	4.2	1.1								10.5	7.0
NW	.5	3.2	.5									4.2	5.1
NNW	.5	1.6										2.1	4.8
VARBL	1.6											1.6	2.0
CALM												6.3	
	7.9	38.9	36.8	9.5	.5							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 190

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.7									.7	8.0
NNE		.7										.7	4.0
NE		.7										.7	6.0
ENE	3.0	3.7	4.4	.7								11.9	5.9
E		2.2	3.0	4.4								9.6	9.5
ESE		2.2	1.5									3.7	7.2
SE		.7	.7									1.5	7.0
SSE	.7	2.2	3.0									5.9	7.3
S		1.5										1.5	4.0
SSW	1.5	1.5	1.5	.7								5.2	6.9
SW			6.7									6.7	8.2
WSW		3.0	3.0	.7								6.7	7.8
W	1.5	2.2	8.9	2.2								14.8	8.1
WNW	.7	2.2	7.4	.7								11.1	8.1
NW	.7	1.5	1.5									3.7	5.8
NNW	.7	2.2	1.5									4.4	6.5
VARBL	1.5	.7										2.2	3.0
CALM												8.9	
	10.4	27.4	43.7	9.6								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	5.0	1.1									7.8	4.6
NNE													
NE	2.2	.6	.6									3.3	3.7
ENE	3.3	2.8										6.1	3.5
E	.6	.6										1.1	3.0
ESE	1.1											1.1	2.0
SE													
SSE	.6	.6										1.1	4.0
S	.6	1.1										1.7	4.0
SSW	.6	.6	1.1									2.2	5.8
SW		1.1	1.1									2.2	7.5
WSW	1.1	5.0	4.4	.6								11.1	6.5
W	3.9	6.1	3.3	.6								13.9	5.2
WNW	1.1	.6	.6									2.2	4.5
NW	.6											.6	2.0
NNW	.6	.6										1.1	3.5
VARBL		1.1										1.1	4.0
CALM												43.3	
	17.8	25.6	12.2	1.1								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.4	1.6									6.6	5.4
NNE													
NE	1.1	1.6	.5	.5								3.8	5.9
ENE	1.6	.5	1.6									2.8	4.7
E	2.7	3.3	2.7	.5								9.3	5.6
ESE	.5	1.6	1.1									3.3	6.2
SE	.5	1.1										1.6	4.3
SSE		1.6										1.6	4.7
S	.5	2.7	1.1									4.4	5.6
SSW	.5											.5	3.0
SW	1.6	1.6	1.6	.5								5.5	5.7
WSW	1.1	7.7	7.1									15.9	6.6
W	1.6	10.4	2.2	1.1								15.4	5.8
WNW	.5	1.6	3.3									5.5	6.5
NW	1.1		.5									1.6	4.0
NNW	2.2	.5										2.7	2.8
VARBL	3.8	.5										4.4	2.5
CALM												12.7	
	20.3	39.6	23.6	2.7								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 182

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.5	.6									5.6	5.3
NNE		1.1										1.1	4.5
NE		3.4	.6									3.9	6.0
ENE	.6	.6	.6	1.7								3.4	3.7
E	.6	6.7	.6									7.9	5.6
ESE		1.7	1.7									3.4	7.3
SE	.6	1.1	1.7									3.4	5.5
SSE		.6	.6									1.1	6.0
S	1.1	2.8	2.8									6.7	6.3
SSW	.6	1.1	3.9									5.6	6.8
SW	.6	1.1	2.8									4.5	6.1
WSW	2.8	3.9	9.0									15.7	6.4
W	1.1	6.2	8.4									15.7	6.6
WNW	.6	5.6	1.1									7.3	5.4
NW	.6	.6	1.1									2.2	5.5
NNW	1.1		.6									1.7	4.3
VARBL	2.8	1.7										4.5	3.3
CALM												6.2	
	13.5	42.7	36.0	1.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 178

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	.9									3.7	4.8
NNE	.9	1.8										2.8	3.7
NE	.9	3.7	1.8									6.4	5.4
ENE	1.8	3.7										5.5	4.7
E	1.8	8.3	2.8									12.8	5.1
ESE	.9	1.8	1.8									4.6	5.8
SE													
SSE		.9										.9	5.0
S	.9	3.7										4.6	4.2
SSW		1.8	.9	.9								3.7	7.3
SW			1.8	.9								2.8	10.0
WSW	.9	3.7	12.8									17.4	7.4
W	1.8	3.7	4.6									10.1	6.2
WNW		6.4	1.8									8.3	5.9
NW	.9	2.8	.9									4.6	5.6
NNW	.9		.9									1.8	5.5
VARBL	.9	2.8										3.7	4.0
CALM												6.4	
	13.8	46.8	31.2	1.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 109

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.1	2.2										3.3	3.8
NE	1.6	2.2										3.8	3.6
ENE	2.2	2.7										4.9	3.7
E	.5	2.2	.5									3.3	4.7
ESE													
SE		1.1										1.1	4.0
SSE	.5											.5	2.0
S	1.6											1.6	2.3
SSW	1.1	1.6										2.7	4.0
SW		2.2	1.6	.5								4.4	7.4
WSW	1.1	7.7	2.7	1.6								13.1	6.3
W	1.1	3.3	1.6									6.0	5.6
WNW	1.1											1.1	2.5
NW													
NNW	.5											.5	2.0
VARBL	1.1	.5										1.6	2.7
CALM												51.9	
	13.7	25.7	6.6	2.2								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 183

DATA PROCESSING DIVISION
8TAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1,1	1,6										2,7	4,4
NNE		1,1										1,1	5,0
NE	,5	2,7	,5									3,8	5,3
ENE	3,2	8,1	1,6									12,9	4,5
E	2,7	6,5										9,1	4,2
ESE	1,6	3,8										5,4	4,5
SE	,5	1,1	1,6									3,2	6,2
SSE	,5		,5									1,1	4,3
S	,5	1,6	,5									2,7	4,4
SSW		1,6	,5									2,2	5,0
SW	,5	2,7	1,1									4,3	5,9
WSW	1,1	3,8	4,3	3,2								12,4	8,3
W	2,7	7,0	4,8	,5	,5							15,6	6,2
WNW	2,2	2,7	,5									5,4	4,1
NW													
NNW	,5											,5	2,0
VARBL	2,2	1,1										3,2	3,0
CALM												14,5	
	19,9	65,2	16,1	3,8	,5							100,0	4,6

TOTAL NUMBER OF OBSERVATIONS 186

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (GMT)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1										1.6	4.3
NNE	1.6	1.1										2.7	3.4
NE	.5	3.2	.5									4.3	5.1
ENE	.5	3.2	2.2	.5								6.5	6.3
E	2.7	6.5	2.7									11.8	5.1
ESE	1.1	3.2	.5									4.8	4.8
SE	.5	3.2										3.8	4.4
SSE		.5										.5	6.0
S	.5	2.2	1.1									3.8	5.9
SSW	.5	1.1	.5									2.2	5.3
SW	.5	1.1	1.1									2.7	6.2
WSW	1.1	5.9	8.6	2.2								17.7	7.2
W	1.1	5.4	2.7	.5	2.2							11.8	8.4
WNW	.5	3.8	1.1	.5								5.9	6.1
NW	1.6	1.1	1.1									3.8	4.9
NNW	1.1	2.2										3.2	4.0
VARBL	3.2											3.2	2.3
CALM												9.7	
	17.7	64.6	22.0	3.8	2.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		1.7										1.7	5.0
NE		3.4	.8	.8								5.1	7.0
ENE	3.4	8.5	.8	.8								13.6	4.9
E	1.7	8.5	1.7									11.9	5.1
ESE	1.7	3.4										5.1	4.0
SE		1.7										1.7	6.0
SSE		.8										.8	6.0
S	2.5	1.7										4.2	4.0
SSW		2.5	1.7	.8								5.1	7.2
SW		1.7										1.7	4.0
WSW	1.7	4.2	1.7	1.7								9.3	6.9
W	5.1	7.6	4.2	2.5								19.5	5.9
WNW	.8	.8	.8									2.5	5.0
NW	.8	1.7										2.5	4.7
NNW	.8	.8	1.7									3.4	5.0
VARBL	4.2	.8										5.1	3.3
CALM												6.8	
	22.9	30.0	13.6	6.8								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 118

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)

34189 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	%	MEAN WIND SPEED
N												
NNE												
NE	.5	1.0	.5								2.1	4.8
ENE	2.1	1.0									3.1	3.3
E	1.6	3.1									4.7	4.0
ESE	.5										.5	3.0
SE	.5		1.6								2.1	7.3
SSE			.5								.5	7.0
S		2.1	.5								2.6	5.4
SSW		2.1									2.1	5.3
SW		1.0	2.6								3.7	7.1
WSW	1.0	5.8	5.8	2.1							14.7	7.1
W	2.6	4.7	3.1	1.6							12.0	6.4
WNW		.5									.5	4.0
NW	1.0										1.0	2.0
NNW		.5									.5	4.0
VARBL	1.0										1.0	2.5
CALM											48.7	
	11.0	22.0	14.1	3.7							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 191

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)

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5											.5	3.0
NNE													
NE	1.0	1.5	.5									3.1	4.5
ENE	3.1	3.1										6.2	3.8
E	1.5	5.6	1.5									8.7	4.8
ESE	.5	1.0	1.0									2.6	6.0
SE	1.5	1.0	1.5									4.1	5.5
SSE													
S													
SSW			.5									.5	7.0
SW		1.0	1.5									2.6	6.8
WSW	.5	3.6	11.8	3.6								19.5	8.6
W	.5	7.7	6.6	4.1								20.9	9.2
WNW	.5											.5	5.0
NW			.5									.5	6.0
NNW		2.6										2.6	5.2
VARBL	2.6											2.6	2.4
CALM												29.2	
	12.3	27.2	23.6	7.7								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 195

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.5										2.1	3.8
NNE		.5										.5	4.0
NE			1.0									1.0	7.5
ENE	2.1	4.7	.5									7.3	4.6
E	2.1	2.6	1.6									6.2	5.3
ESE	2.1	1.6	1.0									4.7	4.1
SE		2.1										2.1	4.8
SSE		1.6	.5									2.1	5.1
S	.5											.5	2.0
SSW	.5	1.0	.5									2.1	5.5
SW			.5	1.0								1.6	11.3
WSW	1.6	3.1	6.2	2.6	.5							14.1	8.5
W	.5	6.8	9.4	5.2								21.9	8.6
WNW		1.6	2.1									3.6	7.4
NW		2.1										2.1	4.8
NNW		1.6	.5									2.1	6.3
VARBL	3.6		.5									4.2	3.0
CALM												21.9	
	14.6	29.7	24.5	8.9	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 192

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0											1.0	3.0
NNE		2.1	1.0									3.1	7.0
NE	3.1											3.1	2.7
ENE	2.1	3.1	1.0									6.2	4.8
E	1.0	1.0	1.0									3.1	5.7
ESE	1.0	3.1	2.1									6.2	5.3
SE		3.1										3.1	5.3
SSE													
S		1.0										1.0	4.0
SSW													
SW	1.0			1.0								2.1	7.5
WSW	1.0	5.2	5.2	1.0								12.5	6.8
W	3.1	13.5	5.2	1.0								22.9	5.8
WNW		5.2	4.2									9.4	7.0
NW		1.0										1.0	4.0
NNW	1.0	1.0										2.1	4.0
VARBL	3.1	1.0										4.2	3.0
CALM												18.7	
	17.7	40.6	19.8	3.1								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 96

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8										.8	5.0
NNE	.8	.8										1.7	3.0
NE	1.7		2.5									4.2	5.6
ENE	.8	.8	1.7									3.4	6.5
E	2.5	3.4										5.9	4.1
ESE	2.5	5.9										8.4	5.7
SE	.8											.8	2.0
SSE	.8	.8										1.7	3.0
S	2.5	2.5										5.0	3.3
SSW	.8											.8	2.0
SW		.8										.8	5.0
WSW	1.7	2.5	5.9	2.5	.8							13.4	6.8
W	.8	5.0	5.9	.8								12.6	7.2
WNW	.8	.8	1.7									3.4	6.3
NW													
NNW		.8										.8	5.0
VARBL	.8											.8	3.0
CALM												35.3	
	17.6	25.2	17.6	3.4	.8							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 119

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)

06199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.5										3.3	3.5
NNE		.8		.8								1.7	8.0
NE		1.7	1.7									3.3	7.3
ENE	1.7	1.7	.8	.8								5.0	6.3
E	2.5	4.1	.8									7.4	4.3
ESE	.8	1.7										2.5	4.0
SE		3.3										3.3	4.0
SSE	2.5	1.7										4.1	3.0
S	1.7	2.5										4.1	4.2
SSW		1.7										1.7	5.0
SW		1.7	.8									2.5	5.3
WSW		6.6	5.8	3.3	1.7							17.4	9.2
W	.8	8.3	3.3									12.4	5.7
WNW	.8	1.7										2.5	4.0
NW	.8	.8										1.7	5.5
NNW													
VARBL	.8	.8										1.7	4.0
CALM												25.6	
	13.2	41.3	13.2	5.0	1.7							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 121

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.9									.9	7.0
NNE	.9	2.6										3.5	5.0
NE		1.7	1.7	.9								4.3	7.2
ENE	2.6	.9	3.5									7.0	5.6
E	2.6	4.3	.9	.9								8.7	5.0
ESE	1.7	.9	.9									3.5	4.8
SE	.9	2.6	.9									4.3	5.8
SSE	1.7	2.6										4.3	4.0
S	.9	3.5										4.3	4.0
SSW		1.7										1.7	4.0
SW		.9										.9	6.0
WSW		7.8	4.3	6.1								18.3	8.1
W	3.5	8.7	7.0									19.1	5.7
WNW	1.7	2.6										4.3	3.8
NW	.9	.9										1.7	3.5
NNW	.9	.9										1.7	4.0
VARBL													
CALM												11.3	
	18.3	42.6	20.0	7.8								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 115

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06199	SIEGENBURG GERMANY GUNNERY RANGE	68-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		8,2	2,0									10,2	5,4
ENE			2,0									2,0	10,0
E		6,1										6,1	5,0
ESE													
SE	2,0											2,0	2,0
SSE		6,1										6,1	5,3
S	4,1											4,1	2,5
SSW		4,1										4,1	4,0
SW	2,0	2,0										4,1	3,0
WSW	2,0	2,0	10,2									14,3	7,1
W	4,1	6,1	6,1									16,3	6,6
WNW													
NW													
NNW		2,0										2,0	4,0
VARBL	2,0											2,0	2,0
CALM												26,5	
	16,3	36,7	20,4									100,0	4,0

TOTAL NUMBER OF OBSERVATIONS 49

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 58-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE	.7											.7	2.0
NE	.7											.7	2.0
ENE		1.4	2.9									4.3	6.8
E	2.9	7.9	.7									11.4	4.4
ESE	2.9	.7										3.6	2.8
SE	.7											.7	3.0
SSE	.7											.7	2.0
S		1.4										1.4	4.0
SSW		1.4	.7	.7								2.9	8.5
SW	1.4	.7		.7								2.9	5.0
WSW	.7	2.9	1.4									5.0	6.3
W		6.4										6.4	4.4
WNW													
NW													
NNW													
VARBL	.7	1.4										2.1	3.3
CALM												56.4	
	12.1	24.3	5.7	1.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 140

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	.7	2.2										3.0	4.3
ENE	.7	2.2	2.2									5.2	6.6
E	2.2	5.9	2.2									10.4	4.7
ESE	.7	2.2										3.0	3.8
SE	.7	5.2										5.9	4.3
SSE	.7											.7	3.0
S		.7										.7	4.0
SSW		.7										.7	6.0
SW		1.5	.7	.7								3.0	8.5
WSW	1.5	5.2	3.0									9.6	5.5
W	2.2	3.0										5.2	4.1
WNW													
NW													
NNW													
VARBL	3.0											3.0	3.0
CALM												49.6	
	12.6	28.9	8.1	.7								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8										1.7	4.0
NNE	.8	.8	.8									2.5	5.0
NE	.8	.7										2.5	4.0
ENE	.8	5.0	1.7									7.6	5.8
E	2.5	9.2	1.7									13.4	5.3
ESE	2.5	3.4										5.9	3.6
SE		2.5										2.5	4.7
SSE		2.5										2.5	4.7
S		1.7										1.7	4.0
SSW													
SW													
WSW		2.5	5.0	.8	.8							9.2	9.5
W	1.7	10.1										11.8	4.4
WNW	.8											.8	3.0
NW	.8											.8	2.0
NNW													
VARBL	1.7				.8							2.5	7.3
CALM												34.5	
	13.4	40.3	9.2	.8	1.7							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING DIVISION
GTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34199	SIEGENBURG GERMANY GUNNERY RANGE	63-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (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													
NNE		8.7										8.7	4.5
NE		4.3										4.3	6.0
ENE		17.4										17.4	5.0
E		4.3										4.3	6.0
ESE													
SE													
SSE		13.0										13.0	4.7
S	4.3											4.3	2.0
SSW													
SW			4.3									4.3	8.0
WSW			4.3									4.3	8.0
W		4.3										4.3	6.0
WNW													
NW													
NNW													
VARBL													
CALM												34.8	
	4.3	52.2	8.7									100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 23

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 58-70 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.5	.1								2.6	4.8
NNE	.4	.7	.1									1.1	4.6
NE	.8	1.2	.4									2.4	4.6
ENE	1.7	4.2	.5									6.4	4.5
E	2.6	4.1	.4									7.1	4.1
ESE	.9	1.7	.1									2.7	4.0
SE	.3	.7	.1									1.1	4.4
SSE	.3	.3										.5	3.5
S	.4	.5	.1									1.0	3.7
SSW	.2	.5	.4									1.1	5.6
SW	.3	.8	.8	.2								2.0	6.3
WSW	1.5	4.2	4.7	1.0								11.9	6.9
W	2.3	7.2	4.4	.6	.2							14.6	6.2
WNW	1.0	1.9	1.0									3.9	5.3
NW	.3	.5	.4	.1	.1							1.4	6.0
NNW	.4	.6	.2	.1								1.2	5.0
VARBL	1.2	.3										1.5	2.8
CALM												38.0	
	15.6	30.5	13.7	2.0	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1967

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

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 12,000 feet 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 stations 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given unit 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 1948. 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 10,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅞	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
V V 1800 IV IV 1500					91.0											92.6
V V 1200 IV IV 1000																
V V 900 IV IV 800																
V V 700 IV IV 600																
V V 500 IV IV 400										97.4						98.1
V V 300 IV IV 200																
V V 100 IV IV 0					95.4		96.6			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 = 96.6%.
Visibility ≥ 1 mile = 98.3%.

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		19.9	21.4	25.3	25.8	25.8	25.9	27.4	27.5	28.8	29.0	29.1	29.2	29.2	29.3	29.3
≥ 20000		22.3	24.2	28.4	28.9	28.9	30.0	30.6	30.7	32.0	32.3	32.4	32.4	32.5	32.5	32.6
≥ 18000		22.5	24.3	28.5	29.0	29.0	30.1	30.7	30.8	32.1	32.4	32.5	32.6	32.6	32.7	32.7
≥ 16000		22.5	24.3	28.5	29.0	29.0	30.1	30.7	30.8	32.1	32.4	32.5	32.6	32.6	32.7	32.7
≥ 14000		22.5	24.4	28.6	29.2	29.2	30.2	30.8	30.9	32.2	32.5	32.6	32.7	32.7	32.8	32.8
≥ 12000		22.8	24.7	28.9	29.4	29.4	30.5	31.1	31.2	32.5	32.8	32.9	32.9	33.0	33.0	33.1
≥ 10000		24.7	26.9	30.9	31.5	31.5	32.7	33.6	33.8	35.2	35.7	35.8	35.8	35.9	35.9	35.9
≥ 9000		25.1	27.0	31.0	32.2	32.2	33.4	34.3	34.5	35.9	36.4	36.5	36.5	36.6	36.6	36.6
≥ 8000		29.9	32.3	37.1	38.4	38.4	39.7	40.8	41.0	42.7	43.3	43.4	43.4	43.5	43.5	43.5
≥ 7000		29.5	31.9	36.8	38.2	38.2	39.5	40.6	40.8	42.5	43.1	43.2	43.2	43.3	43.3	43.3
≥ 6000		30.0	32.4	37.3	38.7	38.7	40.0	41.1	41.3	43.0	43.6	43.7	43.8	43.9	43.9	43.9
≥ 5000		31.8	34.3	39.5	41.0	41.0	42.4	43.6	43.8	45.6	46.2	46.3	46.4	46.5	46.5	46.5
≥ 4500		32.7	35.6	41.1	42.7	42.7	44.2	45.4	45.6	47.5	48.1	48.2	48.3	48.4	48.4	48.4
≥ 4000		34.1	37.0	42.7	44.6	44.6	46.2	47.3	47.4	49.3	50.0	50.1	50.2	50.2	50.2	50.2
≥ 3500		41.0	44.0	50.1	52.1	52.1	53.8	55.0	55.2	57.2	57.9	58.0	58.1	58.2	58.2	58.2
≥ 3000		46.4	50.1	56.1	58.3	58.3	60.0	61.3	61.4	63.4	64.1	64.2	64.3	64.4	64.4	64.4
≥ 2500		49.9	53.8	60.1	62.5	62.5	64.3	65.6	65.8	67.9	68.6	68.7	68.8	68.9	68.9	68.9
≥ 2000		48.8	52.9	59.2	61.6	61.6	63.4	64.8	65.0	67.1	67.8	67.9	68.0	68.1	68.1	68.1
≥ 1800		52.3	56.5	63.2	65.8	65.8	67.7	69.2	69.4	71.6	72.3	72.4	72.5	72.6	72.6	72.6
≥ 1500		53.1	57.5	64.3	66.9	66.9	68.9	70.4	70.6	72.8	73.5	73.6	73.7	73.8	73.8	73.8
≥ 1200		56.1	60.6	67.8	70.5	70.5	72.6	74.2	74.4	76.7	77.4	77.5	77.6	77.7	77.7	77.7
≥ 1000		56.6	61.2	68.4	71.1	71.1	73.2	74.8	75.0	77.3	78.0	78.1	78.2	78.3	78.3	78.3
≥ 900		57.0	61.6	68.9	71.6	71.6	73.7	75.3	75.5	77.8	78.5	78.6	78.7	78.8	78.8	78.8
≥ 800		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 700		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 600		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 500		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 400		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 300		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 200		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 100		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0
≥ 0		57.2	61.8	69.1	71.8	71.8	73.9	75.5	75.7	78.0	78.7	78.8	78.9	79.0	79.0	79.0

TOTAL NUMBER OF OBSERVATIONS 6346

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 69-70 YEARS | JAN 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		4,8	5,3	9,0	9,0	9,0	10,3	10,9	11,7	14,9	16,2	16,2	16,2	16,2	16,4	16,4
≥ 20000		4,8	5,3	9,0	9,0	9,0	10,3	10,9	11,9	15,1	16,4	16,4	16,4	16,4	16,7	16,7
≥ 18000		4,8	5,3	9,0	9,0	9,0	10,3	10,9	11,9	15,1	16,4	16,4	16,4	16,4	16,7	16,7
≥ 16000		4,8	5,3	9,0	9,0	9,0	10,3	10,9	11,9	15,1	16,4	16,4	16,4	16,4	16,7	16,7
≥ 14000		4,8	5,3	9,0	9,0	9,0	10,3	10,9	11,9	15,1	16,4	16,4	16,4	16,4	16,7	16,7
≥ 12000		4,8	5,3	9,0	9,0	9,0	10,3	10,9	11,9	15,1	16,4	16,4	16,4	16,4	16,7	16,7
≥ 10000		5,3	5,8	9,8	10,1	10,1	12,5	13,0	14,1	17,3	19,0	19,0	19,0	19,0	20,2	20,2
≥ 9000		5,3	5,8	9,8	10,1	10,1	12,5	13,0	14,1	17,3	19,0	19,	19,0	19,0	20,2	20,2
≥ 8000		6,6	7,2	11,4	11,7	11,7	14,1	14,6	15,6	22,3	24,9	24,9	24,9	24,9	25,2	25,2
≥ 7000		6,6	7,2	11,4	11,7	11,7	14,1	14,6	15,6	22,3	25,5	25,5	25,5	25,5	25,7	25,7
≥ 6000		6,6	7,2	12,2	13,0	13,0	15,4	15,9	17,0	24,4	27,1	27,1	27,1	27,1	27,3	27,3
≥ 5000		6,6	7,7	14,3	15,1	15,1	17,5	18,0	19,1	27,3	30,0	30,0	30,0	30,0	30,2	30,2
≥ 4500		6,6	7,7	14,3	15,1	15,1	17,5	18,0	19,1	27,6	30,2	30,2	30,2	30,2	30,5	30,5
≥ 4000		6,6	7,7	14,9	16,2	16,2	18,6	20,7	21,8	30,2	32,9	32,9	32,9	32,9	33,2	33,2
≥ 3500		7,2	8,5	15,6	17,0	17,0	19,4	21,5	22,5	31,0	33,7	33,7	33,7	33,7	34,0	34,0
≥ 3000		7,7	9,0	16,2	17,5	17,5	19,9	22,0	23,1	31,6	34,2	34,2	34,2	34,2	34,5	34,5
≥ 2500		7,7	9,0	17,0	18,3	18,3	20,7	22,8	23,9	34,7	37,7	37,7	37,7	37,7	38,2	38,2
≥ 2000		9,3	10,9	19,9	21,5	21,5	24,0	27,1	28,1	42,2	45,4	45,4	45,4	45,4	45,9	45,9
≥ 1800		9,3	10,9	19,9	21,5	21,5	24,0	27,1	28,1	42,2	45,4	45,4	45,4	45,4	45,9	45,9
≥ 1500		10,1	11,7	21,2	22,8	22,8	26,3	28,4	29,4	44,8	48,0	48,0	48,0	48,0	48,2	48,2
≥ 1200		10,1	11,7	21,2	22,8	22,8	26,3	28,4	29,2	30,2	46,7	50,1	50,1	50,1	50,4	50,4
≥ 1000		10,1	11,7	21,2	22,8	22,8	26,3	28,4	29,2	30,2	46,1	49,6	49,9	49,9	50,2	50,2
≥ 900		10,1	11,7	21,2	22,8	22,8	26,3	28,4	29,2	30,2	46,1	49,6	49,9	49,9	50,2	50,2
≥ 800		10,1	11,7	21,2	22,8	22,8	26,3	28,4	29,4	31,0	46,3	61,8	62,3	62,3	62,6	62,6
≥ 700		10,1	11,7	21,2	22,8	22,8	26,3	28,4	29,4	31,0	46,3	61,8	62,3	62,3	62,6	62,6
≥ 600		10,1	11,7	22,0	23,6	23,6	27,3	30,2	31,8	58,1	64,2	65,5	65,5	65,5	65,8	65,8
≥ 500		10,1	11,7	22,0	23,6	23,6	27,3	30,2	31,8	61,0	70,0	72,1	72,1	72,1	72,4	72,4
≥ 400		10,1	11,7	22,0	23,6	23,6	27,3	30,2	31,8	62,1	77,2	79,6	80,1	80,1	80,4	80,4
≥ 300		10,1	11,7	22,0	23,6	23,6	27,3	30,8	32,4	65,8	84,6	88,7	89,2	89,2	89,5	89,5
≥ 200		10,1	11,7	22,0	23,6	23,6	27,3	30,8	32,4	66,6	92,6	96,3	97,1	97,1	99,8	99,5
≥ 100		10,1	11,7	22,0	23,6	23,6	27,3	30,8	32,4	66,6	92,8	96,8	97,6	97,6	100,0	100,0
≥ 0		10,1	11,7	22,0	23,6	23,6	27,3	30,8	32,4	66,6	92,8	96,8	97,6	97,6	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 377

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26199 (STATION) ZIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING		10,1	10,1	15,8	15,8	15,8	16,8	17,6	17,6	18,9	18,9	18,9	18,9	18,9	18,9	18,9
≥ 20000		10,4	10,4	16,3	16,3	16,3	17,4	18,1	18,1	19,4	19,4	19,4	19,4	19,4	19,4	19,4
≥ 8000		11,1	11,1	17,1	17,1	17,1	18,1	18,9	18,9	20,2	20,2	20,2	20,2	20,2	20,2	20,2
≥ 6000		11,1	11,1	17,1	17,1	17,1	18,1	18,9	18,9	20,2	20,2	20,2	20,2	20,2	20,2	20,2
≥ 4000		11,1	11,1	17,1	17,1	17,1	18,1	18,9	18,9	20,2	20,2	20,2	20,2	20,2	20,2	20,2
≥ 2000		11,1	11,1	17,1	17,1	17,1	18,1	18,9	18,9	20,2	20,2	20,2	20,2	20,2	20,2	20,2
≥ 1000		11,9	11,9	17,9	17,9	17,9	18,9	19,7	19,7	21,0	21,0	21,0	21,0	21,0	21,0	21,0
≥ 900		12,2	12,2	18,1	18,1	18,1	19,2	19,9	19,9	21,2	21,2	21,2	21,2	21,2	21,2	21,2
≥ 800		13,0	13,0	20,5	20,5	20,5	22,0	22,8	22,8	24,1	24,1	24,1	24,1	24,1	24,1	24,1
≥ 700		13,0	13,0	20,5	20,5	20,5	22,0	22,8	22,8	24,1	24,1	24,1	24,1	24,1	24,1	24,1
≥ 600		13,0	13,0	20,5	20,5	20,5	22,0	22,8	22,8	24,1	24,1	24,1	24,1	24,1	24,1	24,1
≥ 500		16,3	16,8	28,0	28,0	28,0	29,5	30,3	30,3	31,9	31,9	31,9	31,9	31,9	31,9	31,9
≥ 400		16,3	16,8	28,0	28,0	28,0	29,5	30,3	30,3	31,9	31,9	31,9	31,9	31,9	31,9	31,9
≥ 300		16,8	17,6	28,5	28,5	28,5	30,1	30,8	30,8	32,6	32,6	32,6	32,6	32,6	32,6	32,6
≥ 200		16,8	17,6	28,8	28,8	28,8	30,3	31,1	31,1	33,4	33,4	33,4	33,4	33,4	33,4	33,4
≥ 100		21,2	22,0	36,2	36,2	36,2	38,0	38,8	38,8	42,0	42,0	42,0	42,0	42,0	42,0	42,0
0		28,0	28,8	48,4	48,4	48,4	51,3	52,1	52,1	63,3	63,3	63,5	63,5	63,5	63,5	63,5
≥ 1800		28,0	28,8	49,2	50,0	50,0	52,8	53,6	53,9	65,3	65,3	65,3	65,3	65,3	65,3	65,3
≥ 1500		30,8	31,6	52,6	54,4	54,4	57,3	58,0	59,6	73,1	73,1	73,1	73,1	73,1	73,1	73,1
≥ 1200		30,3	31,6	55,6	54,4	54,4	57,3	58,0	59,6	74,1	74,1	74,1	74,1	74,1	74,1	74,1
≥ 1000		31,6	32,9	60,6	61,1	61,1	64,8	65,7	70,2	93,8	94,0	94,0	94,0	94,0	94,0	94,0
≥ 900		31,6	32,9	60,6	61,1	61,1	64,8	65,7	70,2	93,8	94,0	94,0	94,0	94,0	94,0	94,0
≥ 800		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,8	93,8	94,6	94,6	94,6	94,6	94,6	94,6
≥ 700		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,8	93,8	94,6	94,6	94,6	94,6	94,6	94,6
≥ 600		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,8	94,8	95,1	95,1	95,1	95,1	95,1	95,1
≥ 500		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,8	95,1	95,9	95,9	95,9	95,9	95,9	95,9
≥ 400		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,7	95,6	96,9	96,9	96,9	96,9	96,9	96,9
≥ 300		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,7	95,6	96,9	97,9	98,2	98,2	98,2	98,2
≥ 200		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,7	95,6	96,9	97,9	98,4	98,4	99,5	100,0
≥ 100		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,7	95,6	96,9	97,9	98,4	98,4	99,5	100,0
0		31,6	32,9	60,6	61,4	61,4	67,1	68,9	70,7	95,6	96,9	97,9	98,4	98,4	99,5	100,0

TOTAL NUMBER OF OBSERVATIONS 986

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

~~94193~~ ~~SIEGENBURG GERMANY GUNNERY RANGE~~ 69-70 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ ⅜	≥ ¼	≥ 0
NO CEILING		9,6	12,1	21,5	21,7	21,7	23,1	24,1	24,1	24,8	24,8	24,8	24,8	24,8	24,8	24,8
≥ 20000		9,6	12,1	22,0	22,4	22,4	23,8	24,8	24,8	25,5	25,5	25,5	25,5	25,5	25,5	25,5
≥ 8000		9,6	12,1	22,0	22,4	22,4	23,8	24,8	24,8	25,5	25,5	25,5	25,5	25,5	25,5	25,5
≥ 6000		9,6	12,1	22,0	22,4	22,4	23,8	24,8	24,8	25,5	25,5	25,5	25,5	25,5	25,5	25,5
≥ 4000		9,6	12,1	22,0	22,4	22,4	23,8	24,8	24,8	25,5	25,5	25,5	25,5	25,5	25,5	25,5
≥ 3000		9,6	12,1	22,0	22,4	22,4	23,8	24,8	24,8	25,5	25,5	25,5	25,5	25,5	25,5	25,5
≥ 2500		11,0	13,8	24,8	25,9	25,9	27,8	29,4	29,4	31,3	31,3	31,3	31,3	31,3	31,3	31,3
≥ 2000		11,0	13,8	24,8	25,9	25,9	27,8	29,4	29,4	31,3	31,3	31,3	31,3	31,3	31,3	31,3
≥ 1500		13,1	15,7	26,9	28,0	28,0	29,9	31,5	31,5	33,4	33,4	33,4	33,4	33,4	33,4	33,4
≥ 1000		13,1	15,7	26,9	28,0	28,0	29,9	31,5	31,5	33,4	33,4	33,4	33,4	33,4	33,4	33,4
≥ 800		13,1	15,7	26,9	28,0	28,0	29,9	31,5	31,5	33,4	33,4	33,4	33,4	33,4	33,4	33,4
≥ 600		15,9	18,5	30,1	31,3	31,3	33,2	34,8	34,8	36,7	36,7	36,7	36,7	36,7	36,7	36,7
≥ 500		16,6	19,2	32,0	33,2	33,2	35,0	36,6	36,6	38,5	38,5	38,5	38,5	38,5	38,5	38,5
≥ 400		16,6	20,6	33,2	34,4	34,4	36,3	38,0	38,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 300		16,8	20,6	33,2	34,4	34,4	36,3	38,0	38,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
≥ 200		17,3	21,0	35,4	36,6	36,6	38,7	40,3	40,3	42,4	42,4	42,4	42,4	42,4	42,4	42,4
≥ 100		23,4	27,0	45,5	46,8	46,8	49,4	51,8	51,8	54,4	54,4	54,4	54,4	54,4	54,4	54,4
≥ 0		23,4	27,0	45,5	46,8	46,8	49,4	51,8	51,8	54,4	54,4	54,4	54,4	54,4	54,4	54,4
		23,4	26,9	44,1	45,3	45,3	47,9	50,2	50,2	52,8	52,8	52,8	52,8	52,8	52,8	52,8
		25,5	30,1	49,3	50,9	50,9	53,7	56,1	56,1	58,9	58,9	58,9	58,9	58,9	58,9	58,9
		25,5	30,1	49,3	51,4	51,4	54,2	56,5	56,5	59,3	59,3	59,3	59,3	59,3	59,3	59,3
		26,2	32,2	53,7	56,5	56,5	60,7	63,1	63,1	66,2	66,2	66,2	66,2	66,2	66,2	66,2
		26,2	32,2	54,9	57,9	57,9	62,1	64,6	64,6	67,8	67,8	67,8	67,8	67,8	67,8	67,8
		26,2	32,2	56,1	59,0	59,0	63,4	65,9	65,9	69,2	69,2	69,2	69,2	69,2	69,2	69,2
		26,2	32,2	56,1	59,0	59,0	63,4	65,9	65,9	69,2	69,2	69,2	69,2	69,2	69,2	69,2
		26,2	32,2	56,1	61,7	61,7	66,0	68,6	68,6	72,0	72,0	72,0	72,0	72,0	72,0	72,0
		26,2	32,2	56,1	61,7	61,7	66,0	68,6	68,6	72,0	72,0	72,0	72,0	72,0	72,0	72,0
		26,2	32,2	56,1	61,7	61,7	66,0	68,6	68,6	72,0	72,0	72,0	72,0	72,0	72,0	72,0
		26,2	32,2	56,1	61,7	61,7	66,0	68,6	68,6	72,0	72,0	72,0	72,0	72,0	72,0	72,0
		26,2	32,2	56,1	62,1	62,1	66,4	69,0	69,0	72,4	72,4	72,4	72,4	72,4	72,4	72,4
		26,2	32,2	56,1	62,1	62,1	66,4	69,0	69,0	72,4	72,4	72,4	72,4	72,4	72,4	72,4
		26,2	32,2	56,1	62,1	62,1	66,4	69,0	69,0	72,4	72,4	72,4	72,4	72,4	72,4	72,4
		26,2	32,2	56,1	62,1	62,1	66,4	69,0	69,0	72,4	72,4	72,4	72,4	72,4	72,4	72,4
		26,2	32,2	56,1	62,1	62,1	66,4	69,0	69,0	72,4	72,4	72,4	72,4	72,4	72,4	72,4
		26,2	32,2	56,1	62,1	62,1	66,4	69,0	69,0	72,4	72,4	72,4	72,4	72,4	72,4	72,4

TOTAL NUMBER OF OBSERVATIONS 428

USAF ETAC FORM AUG 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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

	11.1	11.3	12.7	12.7	12.7	13.2	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
	11.1	11.3	12.7	12.7	12.7	13.2	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
	11.1	11.3	12.7	12.7	12.7	13.2	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
	11.1	11.3	12.7	12.7	12.7	13.2	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
	11.1	11.3	12.7	12.7	12.7	13.2	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
	15.2	15.4	17.6	17.6	17.6	18.2	18.4	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
	15.2	15.4	17.6	17.6	17.6	18.2	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
	15.4	15.6	17.8	17.8	17.8	18.4	18.8	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
	15.4	15.6	17.8	17.8	17.8	18.4	18.8	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
	17.8	18.0	20.2	20.2	20.2	20.8	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
	20.6	20.8	23.2	23.2	23.2	24.2	25.1	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
	20.6	20.8	23.2	23.2	23.2	24.2	25.1	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
	22.8	23.0	25.4	25.4	25.4	26.3	27.3	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
	24.2	24.4	27.5	27.5	27.5	28.5	29.5	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
	24.7	24.9	30.5	30.5	30.5	31.5	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
	47.1	47.3	53.9	53.9	53.9	54.9	55.8	56.2	56.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
	57.2	57.4	68.5	68.5	68.5	69.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	58.0	58.2	69.3	69.3	69.3	70.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
	59.4	60.0	73.1	73.1	73.1	76.0	77.4	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	61.9	62.9	76.9	77.0	77.0	80.9	82.6	83.2	83.2	83.2	83.2	84.2	84.2	84.2	84.2	84.2	84.2
	63.4	64.2	80.4	81.8	81.8	86.5	89.5	90.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	63.9	64.2	80.9	81.8	81.8	86.5	89.5	90.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	97.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	98.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	98.2	99.4	99.4	99.4	99.6	99.6	99.6	100.0	100.0
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
	63.9	64.2	80.4	81.8	81.8	86.5	89.5	90.7	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0

*TOTAL NUMBER OF OBSERVATIONS 505

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

MAY

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY IN STATUTE MILES

CEILING IN FEET	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	28.3	28.9	30.0	30.4	30.4	32.0	32.2	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6
	38.2	40.9	42.1	42.4	42.4	44.0	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2 8	38.2	40.9	42.1	42.4	42.4	44.0	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6
1 6	38.2	40.9	42.1	42.4	42.4	44.0	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6
1 4	38.6	41.3	42.4	42.8	42.8	44.4	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0
1 2000	39.3	42.1	43.2	43.6	43.6	45.2	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7
1	42.6	45.3	46.9	47.3	47.3	48.8	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
1 0	44.4	47.1	48.6	49.0	49.0	50.6	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1 800	45.7	48.4	50.0	50.4	50.4	52.1	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
1 700	45.7	48.4	50.0	50.4	50.4	52.1	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
1 600	47.9	50.8	52.3	52.7	52.7	54.5	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0
1 500	52.1	55.4	57.4	57.8	57.8	59.5	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1
1 4	53.7	57.0	58.9	59.3	59.3	61.0	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6
1 4000	54.1	57.4	59.3	59.7	59.7	61.4	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0
1	56.0	59.3	61.2	61.6	61.6	63.4	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0
1 2000	57.9	61.2	63.2	63.6	63.6	65.2	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9
2 2500	67.6	71.5	74.4	74.8	74.8	76.9	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2 2000	73.6	77.5	81.4	82.0	82.0	84.1	84.9	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2	74.0	78.5	82.4	82.9	82.9	85.1	85.9	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8
2 900	77.5	81.4	85.9	87.0	87.0	89.2	90.1	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2	78.9	83.4	87.0	88.2	88.2	90.5	91.5	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6
2	78.7	82.9	89.1	90.3	90.3	92.6	95.2	95.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1
2	78.7	82.9	89.1	90.3	90.3	92.6	95.2	95.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1
2 800	78.7	82.9	89.1	90.3	90.3	92.6	95.3	95.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5
2 700	78.7	82.9	89.1	90.3	90.3	92.6	95.3	95.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5
2 600	78.7	82.9	89.1	90.3	90.3	92.6	95.3	95.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5
2 500	78.7	82.9	89.1	90.3	90.3	92.6	95.3	95.9	97.1	98.0	98.6	98.6	98.6	98.6	98.6
2 400	78.7	82.9	89.1	90.3	90.3	92.6	95.3	95.9	97.1	98.0	98.6	98.6	98.6	98.6	98.6
2 300	78.7	82.9	89.1	90.3	90.3	92.6	95.5	96.1	97.9	98.8	98.8	98.8	98.8	99.2	99.2
2 200	78.7	82.9	89.1	90.3	90.3	92.6	95.5	96.1	97.9	98.8	99.2	99.2	99.2	99.6	100.0
2	78.7	82.9	89.1	90.3	90.3	92.6	95.5	96.1	97.9	98.8	99.2	99.2	99.2	99.6	100.0
2	78.7	82.9	89.1	90.3	90.3	92.6	95.5	96.1	97.9	98.8	99.2	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 516

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATUTE MILES

CEILING IN FEET	≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6
≥ 22000		33.4	36.6	37.2	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000		36.7	40.2	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000		36.7	40.2	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 17000		36.7	40.2	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 16000		37.2	40.7	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 15000		37.2	40.7	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 14000		39.0	42.5	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 13000		39.0	42.5	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 12000		39.3	42.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 11000		39.8	43.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 10000		40.3	43.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 9000		43.1	47.2	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000		43.3	47.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 7000		47.0	53.4	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 6000		48.7	55.1	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 5000		50.8	57.4	59.3	59.5	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4500		63.0	69.8	72.5	72.6	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000		68.7	75.6	80.2	80.3	80.3	81.1	81.5	81.5	82.6	82.6	82.6	82.6	82.6
≥ 3500		69.2	76.1	80.7	81.0	81.0	82.0	82.0	82.1	83.1	83.1	83.1	83.1	83.1
≥ 3000		71.6	79.3	85.9	86.6	86.6	87.9	88.4	88.4	90.0	90.0	90.0	90.0	90.0
≥ 2500		72.1	79.8	86.7	87.6	87.6	89.0	91.5	91.1	92.0	93.0	93.0	93.0	93.0
≥ 2000		73.1	81.1	90.5	91.1	91.1	92.8	94.9	95.1	98.4	98.6	99.3	99.3	99.3
≥ 1800		73.1	81.1	90.5	91.1	91.1	92.8	94.9	95.1	98.4	98.6	99.3	99.3	99.3
≥ 1500		73.1	81.1	90.5	91.1	91.1	92.8	94.9	95.1	98.4	98.6	99.3	99.3	99.3
≥ 1000		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 900		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 800		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 700		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 600		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 500		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 400		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 300		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 200		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 100		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0
≥ 0		73.1	81.1	90.5	91.1	91.1	92.8	95.6	95.7	99.0	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 610

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

VSL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	38,7	39,7	43,1	43,2	43,2	43,8	43,8	43,8	44,4	44,4	44,4	44,4	44,4	44,4	44,4	
	40,7	41,7	45,1	45,2	45,2	45,9	45,9	45,9	46,5	46,5	46,5	46,5	46,5	46,5	46,5	
	41,2	42,2	45,6	45,8	45,8	46,5	46,5	46,5	47,0	47,0	47,0	47,0	47,0	47,0	47,0	
	41,2	42,2	45,6	45,8	45,8	46,5	46,5	46,5	47,0	47,0	47,0	47,0	47,0	47,0	47,0	
	41,4	42,4	45,9	46,0	46,0	46,8	46,8	46,8	47,3	47,3	47,3	47,3	47,3	47,3	47,3	
	42,5	43,5	47,0	47,2	47,2	47,9	47,9	47,9	48,4	48,4	48,4	48,4	48,4	48,4	48,4	
	43,5	44,5	48,3	48,4	48,4	49,2	49,2	49,2	49,7	49,7	49,7	49,7	49,7	49,7	49,7	
	44,5	45,5	49,3	49,4	49,4	50,1	50,1	50,1	50,7	50,7	50,7	50,7	50,7	50,7	50,7	
	46,9	48,0	51,8	52,0	52,0	52,7	52,7	52,7	53,2	53,2	53,2	53,2	53,2	53,2	53,2	
	46,9	48,0	51,8	52,0	52,0	52,7	52,7	52,7	53,2	53,2	53,2	53,2	53,2	53,2	53,2	
	47,9	49,0	52,8	53,1	53,1	53,8	53,8	53,8	54,4	54,4	54,4	54,4	54,4	54,4	54,6	
	51,1	52,3	56,1	56,4	56,4	57,1	57,1	57,1	57,6	57,6	57,6	57,6	57,6	57,6	57,6	
	51,1	52,3	56,1	56,4	56,4	57,1	57,1	57,1	57,6	57,6	57,6	57,6	57,6	57,6	57,6	
	52,3	53,5	57,2	57,5	57,5	58,2	58,2	58,2	58,8	58,8	58,8	58,8	58,8	58,8	58,8	
	52,5	53,7	57,5	57,8	57,8	58,5	58,5	58,5	59,0	59,0	59,0	59,0	59,0	59,0	59,0	
	53,2	54,4	58,2	58,5	58,5	59,2	59,2	59,2	59,7	59,7	59,7	59,7	59,7	59,7	59,7	
	66,1	67,3	72,6	73,2	73,2	73,9	73,9	73,9	74,6	74,6	74,6	74,6	74,6	74,6	74,4	
	71,8	73,0	78,7	79,2	79,2	80,8	80,9	81,1	81,6	81,6	81,6	81,6	81,6	81,6	81,6	
	72,0	74,0	79,2	79,8	79,8	81,4	81,5	81,6	82,2	82,2	82,2	82,2	82,2	82,2	82,2	
	74,7	77,1	83,5	84,6	84,6	86,3	86,4	86,6	87,4	87,6	87,6	87,6	87,6	87,6	87,6	
	75,1	78,5	85,0	86,2	86,2	88,1	88,6	88,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	
	76,6	79,0	86,9	88,0	88,0	90,8	92,1	92,2	93,3	93,3	93,3	93,3	93,3	93,3	93,3	
	76,9	79,0	86,9	88,0	88,0	90,8	92,1	92,2	93,3	93,3	93,3	93,3	93,3	93,3	93,3	
	76,6	79,1	88,0	89,1	89,1	91,9	93,2	93,4	94,6	94,6	97,7	97,7	97,7	97,7	97,7	
	76,6	79,1	88,0	89,1	89,1	91,9	93,2	93,4	94,6	94,6	97,7	97,7	97,7	97,7	97,7	
	76,6	79,1	88,0	89,1	89,1	91,9	93,2	93,4	94,6	94,6	97,7	97,7	97,7	97,7	98,0	98,4
	76,8	79,3	88,3	89,4	89,4	92,2	93,9	94,1	97,7	99,3	99,3	99,3	99,3	99,6	100,0	
	76,8	79,4	88,3	89,4	89,4	92,2	93,9	94,1	97,7	99,3	99,3	99,3	99,3	99,6	100,0	
	76,8	79,3	88,3	89,4	89,4	92,2	93,9	94,1	97,7	99,3	99,3	99,3	99,3	99,6	100,0	
	76,8	79,4	88,3	89,4	89,4	92,2	93,9	94,1	97,7	99,3	99,3	99,3	99,3	99,6	100,0	
	76,8	79,4	88,3	89,4	89,4	92,2	93,9	94,1	97,7	99,3	99,3	99,3	99,3	99,6	100,0	

TOTAL NUMBER OF OBSERVATIONS 708

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-72

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	25,5	26,2	31,3	31,9	31,9	32,2	32,2	33,2	33,4	33,4	33,4	33,4	34,4	34,4	34,4	34,4	34,4
	27,9	28,7	34,0	34,6	34,6	34,9	35,3	35,8	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0
	27,9	28,7	34,0	34,6	34,6	34,9	35,3	35,8	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0
	27,9	28,7	34,0	34,6	34,6	34,9	35,3	35,8	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0
	27,9	28,7	34,0	34,6	34,6	34,9	35,3	35,8	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0
	28,4	29,2	34,4	35,0	35,0	35,3	35,8	36,3	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5
	29,9	31,2	36,4	37,0	37,2	37,7	38,2	38,4	39,6	39,7	39,8	39,8	39,8	39,8	39,8	39,8	39,8
	30,6	31,8	37,0	37,7	37,7	38,2	38,7	39,0	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4	40,4
	32,3	33,6	39,2	39,8	39,8	40,1	41,2	41,2	42,6	42,6	42,6	42,6	42,6	42,6	42,6	42,6	42,6
	32,3	33,6	39,6	40,0	40,0	40,2	41,6	41,6	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7
	33,3	34,7	40,6	41,2	41,2	41,5	42,8	42,8	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0
	34,7	36,3	42,7	43,3	43,3	43,6	44,4	45,4	46,7	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9
	34,7	36,3	42,7	43,3	43,3	43,6	44,4	45,4	46,7	46,9	46,9	46,9	46,9	46,9	46,9	46,9	46,9
	36,3	37,8	44,4	45,0	45,0	45,2	45,7	47,5	48,7	49,1	49,1	49,1	49,1	49,1	49,1	49,1	49,1
	38,3	39,8	46,6	47,2	47,2	47,5	48,0	49,7	51,1	51,1	51,1	51,1	51,1	51,1	51,1	51,1	51,1
	40,4	42,1	49,1	50,0	50,0	50,3	50,8	52,5	53,8	53,9	53,9	53,9	53,9	53,9	53,9	53,9	53,9
	46,0	50,5	58,3	61,7	61,7	62,2	63,0	66,7	68,7	68,9	68,9	68,9	68,9	68,9	68,9	68,9	68,9
	51,7	56,6	65,2	68,2	68,2	68,7	69,6	73,1	75,0	75,0	75,0	75,0		75,0	75,0	75,0	75,0
	51,7	56,6	65,2	68,2	68,2	68,7	69,6	73,1	75,0	75,0	75,0	75,0		75,0	75,0	75,0	75,0
	52,6	57,7	66,2	69,2	69,2	69,7	71,2	74,8	76,8	77,0	77,0	77,0	77,0	77,0	77,0	77,0	77,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0
	54,8	59,8	68,2	71,2	71,2	71,7	73,2	76,8	78,8	79,0	79,0	79,0	79,0	79,0	79,0	79,0	79,0

TOTAL NUMBER OF OBSERVATIONS 643

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

25,3	29,7	35,8	36,3	36,3	38,0	39,8	40,3	41,9	42,8	43,2	43,7	44,0	44,1	44,1	
29,1	34,3	41,5	41,9	41,9	44,4	45,8	45,9	46,3	47,2	49,6	50,1	50,4	50,5	50,5	
29,1	34,3	41,5	41,9	41,9	44,4	45,8	45,9	46,3	47,2	49,6	50,1	50,4	50,5	50,5	
29,1	34,3	41,5	41,9	41,9	44,4	45,8	45,9	46,3	47,2	49,6	50,1	50,4	50,5	50,5	
29,1	34,3	41,5	41,9	41,9	44,4	45,8	45,9	46,3	47,2	49,6	50,1	50,4	50,5	50,5	
29,3	34,5	41,6	42,1	42,1	44,6	45,9	46,1	46,4	47,3	49,8	50,2	50,5	50,7	50,7	
30,2	35,7	43,1	43,5	43,5	46,1	47,4	47,5	50,1	51,0	51,4	51,7	52,2	52,3	52,3	
31,8	37,3	44,7	45,2	45,2	47,7	49,0	49,2	51,7	52,6	53,0	53,2	53,8	53,9	53,9	
32,7	38,2	46,7	47,2	47,2	50,2	51,0	51,7	54,4	55,3	55,7	56,2	56,5	56,6	56,6	
33,1	38,6	47,2	48,1	48,1	50,8	52,2	52,3	55,0	55,9	56,3	56,8	57,1	57,2	57,2	
33,7	39,2	48,1	47,2	47,2	52,0	53,6	53,8	56,7	57,6	58,0	58,5	58,7	58,7	58,7	
36,3	42,2	54,1	55,1	55,1	57,9	59,5	59,7	62,6	63,3	63,7	64,2	64,5	64,6	64,6	
36,4	43,4	54,4	55,4	55,4	58,2	59,9	60,0	62,7	63,6	64,0	64,5	64,8	64,9	64,9	
37,9	43,3	57,5	58,7	58,7	62,6	64,3	64,5	67,2	68,1	68,5	68,9	69,2	69,4	69,4	
38,3	43,8	58,2	59,5	59,4	63,7	65,2	65,4	68,1	69,1	69,4	69,8	70,1	70,3	70,3	
39,8	47,3	60,8	62,0	62,0	66,0	68,2	68,4	71,3	72,2	72,7	73,1	73,4	73,6	73,6	
45,3	52,2	69,1	70,3	70,3	74,3	76,7	76,8	79,7	80,6	81,3	81,7	82,0	82,2	82,2	
47,0	55,9	71,5	73,7	73,7	77,9	81,1	81,4	86,0	86,7	87,4	87,8	88,1	88,3	88,3	
47,1	56,2	71,8	74,0	74,0	78,2	81,4	81,7	86,3	87,2	87,7	88,1	88,4	88,6	88,6	
47,4	57,5	73,7	75,9	75,9	80,2	83,3	83,6	88,6	89,5	89,9	90,3	90,6	90,8	90,8	
47,5	57,6	74,1	76,4	76,4	80,8	84,0	84,3	89,3	90,2	90,5	91,0	91,3	91,7	91,7	
47,5	57,8	74,3	77,0	77,0	81,4	85,3	85,6	90,8	91,7	92,1	92,6	92,9	93,2	93,3	
47,5	57,8	74,4	77,1	77,1	81,7	85,6	85,7	91,0	92,0	92,5	93,0	93,3	93,7	93,8	
47,7	57,9	74,7	77,6	77,6	82,2	86,2	86,2	92,0	92,9	93,6	94,1	94,4	94,5	94,5	
47,7	57,9	74,7	77,7	77,7	82,3	86,3	86,3	92,2	93,1	93,8	94,3	94,6	94,7	94,7	
47,7	57,9	74,7	77,7	77,7	82,3	86,3	86,3	92,2	93,1	93,8	94,3	94,6	94,7	94,7	
47,7	57,9	74,7	77,7	77,7	82,3	86,3	86,3	92,2	93,1	93,8	94,3	94,6	94,7	94,7	
47,7	57,9	74,7	77,7	77,7	82,3	86,3	86,3	92,2	93,1	93,8	94,3	94,6	94,7	94,7	
47,7	57,9	74,7	77,7	77,7	82,3	86,3	86,3	92,2	93,1	93,8	94,3	94,6	94,7	94,7	
47,7	57,9	74,7	77,7	77,7	82,3	86,3	86,3	92,2	93,1	93,8	94,3	94,6	94,7	94,7	

TOTAL NUMBER OF OBSERVATIONS 873

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ¼	≥ 1/16	< ¼	0
NO CEIL NO		11,6	12,3	15,7	17,2	17,2	18,4	19,9	19,9	21,2	21,5	31,7	22,0	22,0	22,3	23,3
≥ 20000		14,7	15,9	20,5	22,1	22,1	23,4	25,2	25,2	26,6	26,9	27,0	27,4	27,4	27,7	27,7
≥ 18000		14,7	15,9	20,5	22,1	22,1	23,4	25,2	25,2	26,6	26,9	27,0	27,4	27,4	27,7	27,7
≥ 17000		14,7	15,9	20,5	22,1	22,1	23,4	25,2	25,2	26,6	26,9	27,0	27,4	27,4	27,7	27,7
≥ 16000		14,7	15,9	20,5	22,1	22,1	23,4	25,2	25,2	26,6	26,9	27,0	27,4	27,4	27,7	27,7
≥ 15000		16,2	17,5	22,6	24,3	24,3	25,7	27,4	27,4	28,8	29,1	29,2	29,7	29,7	30,0	30,0
≥ 14000		16,6	18,0	23,0	24,8	24,8	26,3	28,0	28,0	29,4	29,7	29,8	30,3	30,3	30,6	30,6
≥ 13000		17,5	18,8	24,2	26,0	26,0	27,6	29,4	29,4	30,7	31,0	31,2	31,6	31,6	31,9	31,9
≥ 12000		18,1	20,0	26,0	27,7	27,7	29,6	31,2	31,2	32,5	32,8	32,9	33,4	33,4	33,7	33,7
≥ 11000		18,7	20,9	27,0	28,9	28,9	31,2	33,1	33,1	34,4	34,7	34,9	35,3	35,3	35,8	35,8
≥ 10000		19,1	21,2	27,6	29,5	29,5	31,8	33,7	34,1	35,5	35,8	35,9	36,4	36,4	36,8	36,8
≥ 9000		19,1	21,2	27,6	29,7	29,7	31,9	34,1	34,6	35,9	36,2	36,6	36,8	36,8	37,2	37,2
≥ 8000		21,2	23,6	30,0	32,2	32,2	34,4	36,6	37,1	38,7	39,0	39,2	39,6	39,6	40,1	40,1
≥ 7000		21,4	23,6	30,3	32,5	32,5	35,2	37,4	37,8	39,5	39,8	39,9	40,4	40,4	40,8	40,8
≥ 6000		22,7	24,9	31,9	34,3	34,3	37,1	39,5	39,9	41,8	42,3	42,4	42,9	42,9	43,3	43,3
≥ 5000		23,3	25,9	33,4	35,9	35,9	38,9	41,3	41,8	43,7	44,2	44,3	44,8	44,8	45,2	45,2
≥ 4500		25,3	28,3	36,4	39,9	39,3	42,3	45,1	45,5	47,9	48,5	48,7	49,3	49,3	49,7	49,7
≥ 4000		29,7	32,9	40,9	44,1	44,1	47,9	51,2	51,6	54,6	55,3	55,5	56,1	56,1	56,5	56,5
≥ 3500		29,8	32,9	41,2	44,4	44,4	48,2	51,6	52,1	55,0	55,8	55,9	56,5	56,5	57,0	57,0
≥ 3000		32,2	35,2	44,7	49,3	49,3	54,7	58,3	59,1	62,6	63,6	63,8	64,4	64,4	65,0	65,0
≥ 2500		32,5	35,9	45,5	50,4	50,6	56,1	59,6	60,4	64,2	65,6	65,7	66,3	66,3	66,9	66,9
≥ 2000		32,8	36,2	46,4	54,6	54,6	60,5	64,2	65,0	70,5	72,4	72,6	73,1	73,1	73,7	73,7
≥ 1800		32,8	36,2	46,7	54,9	54,9	60,8	64,5	65,3	70,9	72,7	72,8	73,4	73,4	74,0	74,0
≥ 1500		32,8	36,2	48,0	55,0	55,0	61,3	65,1	66,3	72,1	74,0	74,2	74,8	74,8	75,4	75,4
≥ 1000		32,8	36,2	48,0	55,0	55,0	61,3	65,1	66,3	72,3	74,3	74,5	75,1	75,1	75,7	75,7
≥ 900		33,1	36,6	49,3	55,5	55,5	61,7	66,0	67,4	73,9	76,0	76,9	77,4	77,4	78,0	78,0
≥ 800		33,2	36,8	49,4	55,6	55,6	62,2	66,5	67,8	75,7	80,0	81,0	81,6	81,6	83,4	83,4
≥ 700		33,2	36,8	49,4	55,6	55,6	62,2	66,5	67,8	75,8	81,8	82,9	84,0	84,1	86,5	86,8
≥ 600		33,2	36,8	49,4	55,6	55,6	62,2	66,5	67,8	75,8	82,2	84,6	85,9	86,4	89,6	90,7
≥ 500		33,2	36,8	49,4	55,6	55,6	62,2	66,5	67,8	75,8	82,2	84,6	85,9	86,4	89,6	95,4
≥ 400		33,2	36,8	49,4	55,6	55,6	62,2	66,5	67,8	75,8	82,2	84,6	85,9	86,4	95,0	97,5
≥ 300		33,2	36,8	49,4	55,6	55,6	62,2	66,5	67,8	75,8	82,2	84,6	85,9	86,4	95,0	100,0
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 674

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

VISIBILITY STATUTE MILES

CEILING FEET	≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
	11,9	12,6	13,9	14,6	14,6	15,6	15,8	15,8	16,8	17,8	17,8	17,8	17,8	17,8	17,8	18,1		
	12,4	13,1	14,4	15,1	15,1	16,1	16,3	16,3	17,3	18,3	18,3	18,3	18,3	18,3	18,3	18,6		
≥ 8,000	12,4	13,1	14,4	15,1	15,1	16,1	16,3	16,3	17,3	18,3	18,3	18,3	18,3	18,3	18,3	18,6		
≥ 7,000	12,4	13,1	14,4	15,1	15,1	16,1	16,3	16,3	17,3	18,3	18,3	18,3	18,3	18,3	18,3	18,6		
≥ 6,000	12,4	13,1	14,4	15,1	15,1	16,1	16,3	16,3	17,3	18,3	18,3	18,3	18,3	18,3	18,3	18,6		
≥ 5,000	12,9	13,6	14,9	15,6	15,6	16,6	16,8	16,8	17,8	18,8	18,8	18,8	18,8	18,8	18,8	19,1		
≥ 4,500	14,1	14,9	16,1	17,1	17,1	18,1	18,3	18,3	19,3	20,3	20,3	20,3	20,3	20,3	20,3	20,5		
≥ 4,000	15,1	16,1	17,3	18,3	18,3	19,3	19,6	19,6	20,5	21,5	21,5	21,5	21,5	21,5	21,5	21,8		
≥ 3,500	16,6	17,6	18,8	19,8	19,8	20,8	21,0	21,0	22,0	23,0	23,0	23,0	23,0	23,0	23,0	23,3		
≥ 3,000	16,6	17,6	18,8	19,8	19,8	20,8	21,0	21,0	22,0	23,0	23,0	23,0	23,0	23,0	23,0	23,3		
≥ 2,500	17,3	18,3	19,6	20,3	20,3	21,3	21,6	21,8	22,8	23,8	23,8	23,8	23,8	23,8	23,8	24,0		
≥ 2,000	22,8	23,8	26,5	27,5	27,5	28,5	29,0	29,0	30,0	30,9	30,9	30,9	30,9	30,9	30,9	31,2		
≥ 1,800	23,3	24,3	27,0	28,0	28,0	29,0	29,5	29,5	30,6	31,6	31,6	31,6	31,6	31,6	31,6	31,7		
≥ 1,500	25,0	26,7	30,4	31,4	31,4	32,4	32,9	32,9	33,9	34,9	34,9	34,9	34,9	34,9	34,9	35,1		
≥ 1,200	25,2	25,0	31,7	32,7	32,7	33,7	34,2	34,2	35,1	36,1	36,1	36,1	36,1	36,1	36,1	36,4		
≥ 1,000	28,0	29,7	33,9	34,4	34,4	35,4	35,9	35,9	36,9	37,9	37,9	37,9	37,9	37,9	37,9	38,1		
≥ 900	29,7	32,7	37,9	38,9	38,9	40,1	40,6	40,6	41,6	42,6	42,6	42,6	42,6	42,6	42,6	42,8		
≥ 800	40,3	43,8	52,7	53,7	53,7	55,9	56,7	56,7	57,7	58,7	58,7	58,7	58,7	58,7	58,7	58,9		
≥ 700	41,8	45,8	54,7	55,7	55,7	57,9	58,7	58,7	59,7	60,6	60,6	60,6	60,6	60,6	60,6	60,9		
≥ 600	45,3	49,8	60,4	61,4	61,4	64,6	65,8	65,8	66,8	67,8	67,8	67,8	67,8	67,8	67,8	68,1		
≥ 500	46,3	51,0	62,9	63,9	63,9	67,1	70,3	70,3	71,3	72,3	72,3	72,3	72,3	72,3	72,3	73,0		
≥ 400	46,8	51,2	63,1	64,1	64,1	67,3	70,5	70,5	71,5	72,5	72,5	72,5	72,5	72,5	72,5	73,2		
≥ 300	47,0	51,5	63,6	64,6	64,6	67,8	71,0	71,0	72,0	73,0	73,0	73,0	73,0	73,0	73,0	73,7		
≥ 200	47,3	51,7	64,1	65,1	65,1	68,3	71,5	71,5	72,5	73,5	73,5	73,5	73,5	73,5	73,5	74,2		
≥ 100	47,3	51,7	64,1	65,1	65,1	68,3	71,5	71,5	72,5	73,5	73,5	73,5	73,5	73,5	73,5	74,2		
≥ 0	47,3	51,7	64,1	65,1	65,1	68,3	71,5	71,5	72,5	73,5	73,5	73,5	73,5	73,5	73,5	74,2		

TOTAL NUMBER OF OBSERVATIONS 404

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 2½	≥ 3	≥ 3½	≥ 4	≥ 5
	6,0	8,2	15,1	17,3	17,3	18,0	18,2	18,2	23,0	23,0	23,0	23,0	23,0	23,0	23,0
≥ [illegible]	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 8000	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 6000	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 4500	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 3500	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 3000	6,7	8,9	15,8	18,0	18,0	18,9	19,2	19,2	24,0	24,0	24,0	24,0	24,0	24,0	24,0
≥ 2500	7,7	9,8	16,8	18,9	18,9	19,9	20,1	20,1	24,9	24,9	24,9	24,9	24,9	24,9	24,9
≥ 2000	10,1	12,5	19,7	21,8	21,8	22,8	23,0	23,0	29,3	29,3	29,3	29,3	29,3	29,3	29,3
≥ 1800	10,1	12,5	19,7	21,8	21,8	22,8	23,0	23,0	29,3	29,3	29,3	29,3	29,3	29,3	29,3
≥ 1500	11,8	14,1	21,3	23,5	23,5	24,5	24,7	24,7	30,9	30,9	30,9	30,9	30,9	30,9	30,9
≥ 1200	14,4	16,8	24,7	26,9	26,9	27,8	28,1	28,1	34,3	34,3	34,3	34,3	34,3	34,3	34,3
≥ 1000	14,6	16,8	24,9	27,1	27,1	28,1	28,3	28,3	34,5	34,5	34,5	34,5	34,5	34,5	34,5
≥ 900	17,3	19,7	27,8	30,0	30,0	30,9	31,2	31,2	37,4	37,4	37,4	37,4	37,4	37,4	37,4
≥ 800	17,7	20,1	28,3	30,5	30,5	31,4	31,7	31,7	37,9	37,9	37,9	37,9	37,9	37,9	37,9
≥ 700	18,3	20,9	30,0	32,1	32,1	33,1	33,3	33,3	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 600	18,7	21,1	30,2	32,4	32,4	33,3	33,5	33,5	39,8	39,8	39,8	39,8	39,8	39,8	39,8
≥ 500	20,9	23,5	32,6	34,8	34,8	35,9	36,2	36,2	42,3	42,3	42,3	42,3	42,3	42,3	42,3
≥ 400	21,9	24,7	33,8	36,0	36,0	36,9	37,2	37,2	43,4	43,4	43,4	43,4	43,4	43,4	43,4
≥ 300	23,9	28,1	37,9	40,0	40,0	40,9	41,2	41,2	47,4	47,4	47,4	47,4	47,4	47,4	47,4
≥ 200	24,7	29,5	41,0	43,2	43,2	44,0	44,3	44,3	50,5	50,5	50,5	50,5	50,5	50,5	50,5
≥ 100	25,9	30,9	43,6	46,3	46,3	47,2	47,5	47,5	53,8	53,8	53,8	53,8	53,8	53,8	53,8
≥ 0	26,4	31,4	44,6	47,2	47,2	48,1	48,4	48,4	54,7	54,7	54,7	54,7	54,7	54,7	54,7

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 2½	≥ 3	≥ 3½	≥ 4	≥ 5
	6,0	8,2	15,1	17,3	17,3	18,0	18,2	18,2	23,0	23,0	23,0	23,0	23,0	23,0	23,0
≥ [illegible]	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 8000	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 6000	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 4500	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 3500	6,7	8,9	15,8	18,0	18,0	18,7	18,9	18,9	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 3000	6,7	8,9	15,8	18,0	18,0	18,9	19,2	19,2	24,0	24,0	24,0	24,0	24,0	24,0	24,0
≥ 2500	7,7	9,8	16,8	18,9	18,9	19,9	20,1	20,1	24,9	24,9	24,9	24,9	24,9	24,9	24,9
≥ 2000	10,1	12,5	19,7	21,8	21,8	22,8	23,0	23,0	29,3	29,3	29,3	29,3	29,3	29,3	29,3
≥ 1800	10,1	12,5	19,7	21,8	21,8	22,8	23,0	23,0	29,3	29,3	29,3	29,3	29,3	29,3	29,3
≥ 1500	11,8	14,1	21,3	23,5	23,5	24,5	24,7	24,7	30,9	30,9	30,9	30,9	30,9	30,9	30,9
≥ 1200	14,4	16,8	24,7	26,9	26,9	27,8	28,1	28,1	34,3	34,3	34,3	34,3	34,3	34,3	34,3
≥ 1000	14,6	16,8	24,9	27,1	27,1	28,1	28,3	28,3	34,5	34,5	34,5	34,5	34,5	34,5	34,5
≥ 900	17,3	19,7	27,8	30,0	30,0	30,9	31,2	31,2	37,4	37,4	37,4	37,4	37,4	37,4	37,4
≥ 800	17,7	20,1	28,3	30,5	30,5	31,4	31,7	31,7	37,9	37,9	37,9	37,9	37,9	37,9	37,9
≥ 700	18,3	20,9	30,0	32,1	32,1	33,1	33,3	33,3	39,6	39,6	39,6	39,6	39,6	39,6	39,6
≥ 600	18,7	21,1	30,2	32,4	32,4	33,3	33,5	33,5	39,8	39,8	39,8	39,8	39,8	39,8	39,8
≥ 500	20,9	23,5	32,6	34,8	34,8	35,9	36,2	36,2	42,3	42,3	42,3	42,3	42,3	42,3	42,3
≥ 400	21,9	24,7	33,8	36,0	36,0	36,9	37,2	37,2	43,4	43,4	43,4	43,4	43,4	43,4	43,4
≥ 300	23,9	28,1	37,9	40,0	40,0	40,9	41,2	41,2	47,4	47,4	47,4	47,4	47,4	47,4	47,4
≥ 200	24,7	29,5	41,0	43,2	43,2	44,0	44,3	44,3	50,5	50,5	50,5	50,5	50,5	50,5	50,5
≥ 100	25,9	30,9	43,6	46,3	46,3	47,2	47,5	47,5	53,8	53,8	53,8	53,8	53,8	53,8	53,8
≥ 0	26,4	31,4	44,6	47,2	47,2	48,1	48,4	48,4	54,7	54,7	54,7	54,7	54,7	54,7	54,7

TOTAL NUMBER OF OBSERVATIONS 417

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 09-70 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1½	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 5/8	≥ 7	≥ 10	≥ 0
NO CEILING				6,1	6,1	6,1	7,9	9,6	11,4	11,4	12,3	12,3	12,3	12,3	13,2	13,2
≥ 22000				6,1	6,1	6,1	7,9	9,6	12,3	12,3	13,2	13,2	13,2	13,2	14,0	14,0
≥ 18000				6,1	6,1	6,1	7,9	9,6	12,3	12,3	13,2	13,2	13,2	13,2	14,0	14,0
≥ 15000				6,1	6,1	6,1	7,9	9,6	12,3	12,3	13,2	13,2	13,2	13,2	14,0	14,0
≥ 12000				6,1	6,1	6,1	7,9	9,6	12,3	12,3	13,2	13,2	13,2	13,2	14,0	14,0
≥ 10000				7,0	7,0	7,0	8,8	10,5	13,2	13,2	14,9	14,9	14,9	14,9	15,8	15,8
≥ 9000				7,0	7,0	7,0	8,8	10,5	13,2	13,2	14,9	14,9	14,9	14,9	15,8	15,8
≥ 8000				7,0	7,0	7,0	8,8	10,5	13,2	13,2	16,7	16,7	16,7	16,7	17,5	17,5
≥ 7000				7,0	7,0	7,0	8,8	10,5	13,2	13,2	16,7	16,7	16,7	16,7	17,5	17,5
≥ 6000				7,0	7,0	7,0	8,8	10,5	13,2	14,9	16,7	16,7	16,7	16,7	17,5	17,5
≥ 5000				7,9	7,9	7,9	9,6	11,4	14,0	14,9	17,5	17,5	17,5	17,5	18,4	18,4
≥ 4500				7,9	7,9	7,9	9,6	11,4	14,0	14,9	17,5	17,5	17,5	17,5	18,4	18,4
≥ 4000				8,8	8,8	8,8	10,5	13,2	15,8	15,8	17,5	17,5	17,5	17,5	18,4	18,4
≥ 3500				8,8	8,8	8,8	10,5	13,2	15,8	17,5	21,1	21,1	21,1	21,1	21,9	21,9
≥ 3000				8,8	8,8	8,8	10,5	13,2	15,8	17,5	21,1	21,1	21,1	21,1	21,9	21,9
≥ 2500				9,6	9,6	9,6	11,4	14,0	16,7	21,1	25,4	25,4	25,4	25,4	26,3	26,3
≥ 2000		2,6	3,5	15,8	15,8	15,8	18,5	21,9	24,6	28,9	32,7	32,7	32,7	32,7	33,6	33,6
≥ 1800		2,6	3,5	15,8	15,8	15,8	19,3	21,9	24,6	28,9	32,7	32,7	32,7	32,7	33,6	33,6
≥ 1500		2,6	3,5	17,5	17,5	17,5	21,1	23,7	26,3	32,7	42,1	42,1	42,1	42,1	43,0	43,0
≥ 1200		2,6	3,5	17,5	17,5	17,5	21,1	23,7	26,3	32,7	42,1	42,1	42,1	42,1	43,0	43,0
≥ 1000		2,6	3,5	17,5	17,5	17,5	21,1	23,7	26,3	35,0	45,6	50,1	50,1	50,1	57,0	57,0
≥ 900		2,6	3,5	17,5	17,5	17,5	21,1	23,7	26,3	35,0	45,6	50,1	50,1	50,1	57,0	57,0
≥ 800		2,6	3,5	17,5	17,5	17,5	21,1	23,7	26,3	35,0	45,6	50,1	50,1	50,1	57,0	57,0
≥ 700		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,1	36,0	50,9	61,4	61,4	61,4	62,3	62,3
≥ 600		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,1	36,0	51,8	64,0	64,0	64,0	64,9	64,9
≥ 500		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,1	36,0	55,3	68,4	71,1	71,1	71,9	71,9
≥ 400		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,1	36,0	55,3	70,2	73,6	73,6	78,7	78,7
≥ 300		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,9	36,8	60,5	78,1	80,7	80,7	81,6	81,6
≥ 200		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,9	36,8	62,3	88,6	93,0	93,9	98,2	98,2
≥ 100		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,9	36,8	62,3	88,6	94,7	95,6	100,0	100,0
≥ 0		2,6	3,5	17,5	17,5	17,5	21,1	23,7	28,9	36,8	62,3	88,6	94,7	95,6	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 114

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
UNLIMITED		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	10.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
22,000		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	10.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥ 8000		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	10.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
5000		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	10.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥ 4000		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	10.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥ 3000		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	10.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
2500		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	11.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 2000		6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	11.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1800		7.1	8.0	8.9	8.9	8.9	9.8	9.8	9.8	17.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 1500		7.1	8.0	8.9	8.9	8.9	9.8	9.8	9.8	17.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
1200		7.1	8.0	9.8	9.8	9.8	10.7	10.7	10.7	18.8	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 1000		7.1	8.0	12.5	12.5	12.5	13.4	13.4	13.4	23.2	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
900		7.1	8.0	12.5	12.5	12.5	13.4	13.4	13.4	24.1	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 800		7.1	8.0	13.4	13.4	13.4	14.3	17.0	17.0	27.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
700		7.1	8.0	13.4	13.4	13.4	16.3	17.0	17.0	27.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 600		7.1	8.0	13.4	13.4	13.4	16.3	17.0	17.0	27.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
500		7.1	8.0	15.2	15.2	15.2	16.1	18.8	18.8	33.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 400		8.0	8.9	16.1	16.1	16.1	17.0	19.6	19.6	36.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
300		8.0	8.9	16.1	16.1	16.1	17.0	19.6	19.6	36.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 200		9.8	10.7	17.9	17.9	17.9	18.8	21.4	21.4	40.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
150		9.8	10.7	17.9	17.9	17.9	18.8	21.4	21.4	41.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 100		9.8	10.7	17.9	17.9	17.9	18.8	21.4	21.4	49.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
50		9.8	10.7	17.9	17.9	17.9	18.8	21.4	21.4	51.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 0		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9

VISIBILITY (STATUTE MILES)	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
7		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	50.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	53.6	61.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5
5		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	58.0	67.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	58.0	75.0	75.9	76.8	76.8	76.8	76.8	76.8	76.8
3		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	62.5	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	62.5	93.8	96.4	97.3	97.3	100.0	100.0	100.0	100.0
1		9.8	10.7	17.9	17.9	17.9	19.6	22.3	22.3	62.5	93.8	96.4	97.3	97.3	100.0	100.0	100.0	100.0
0																		

TOTAL NUMBER OF OBSERVATIONS 112

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 STATION SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 69-70 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS

CEILING IN FEET	VISIBILITY STATUTE MILES														
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ½	≥ 0
[illegible]	5.5	5.5	9.1	9.1	9.1	9.1	9.1	9.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ [illegible]	5.5	5.5	9.1	9.1	9.1	9.1	9.1	9.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 5000	5.5	5.5	9.1	9.1	9.1	9.1	9.1	9.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 4000	5.5	5.5	9.1	9.1	9.1	9.1	9.1	9.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 3000	5.5	5.5	9.1	9.1	9.1	9.1	9.1	9.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 2500	7.3	7.3	10.9	10.9	10.9	12.7	12.7	12.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 2000	7.3	7.3	10.9	10.9	10.9	12.7	12.7	12.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 1500	10.0	10.0	13.6	13.6	13.6	15.5	15.5	15.5	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1000	10.0	10.0	13.6	13.6	13.6	15.5	15.5	15.5	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 900	10.0	10.0	13.6	13.6	13.6	15.5	15.5	15.5	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 800	10.0	10.0	15.5	17.3	17.3	19.1	19.1	19.1	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 700	10.0	10.9	16.2	20.0	20.0	21.8	21.8	21.8	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 600	10.0	10.9	18.2	20.0	20.0	21.8	21.8	21.8	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 500	10.0	10.9	18.2	20.9	20.9	22.7	24.5	24.5	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 450	10.0	10.9	18.2	20.9	20.9	22.7	24.5	24.5	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 400	11.8	12.7	20.0	22.7	22.7	24.5	26.4	26.4	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 350	11.8	12.7	20.0	22.7	22.7	24.5	26.4	26.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 300	11.8	12.7	20.9	23.6	23.6	27.3	29.1	29.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 250	11.8	12.7	20.9	23.6	23.6	27.3	29.1	29.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 200	12.7	13.6	21.8	24.5	24.5	28.2	30.0	30.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 150	12.7	13.6	21.8	24.5	24.5	28.2	32.7	32.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 100	12.7	13.6	21.8	24.5	24.5	28.2	32.7	32.7	60.0	60.0	60.9	60.9	60.9	60.9	60.9
≥ 90	12.7	13.6	21.8	24.5	24.5	28.2	32.7	32.7	60.0	60.0	60.9	60.9	60.9	60.9	60.9
≥ 80	12.7	13.6	21.8	24.5	24.5	28.2	32.7	32.7	60.0	60.0	60.9	60.9	60.9	60.9	60.9
≥ 70	12.7	13.6	21.8	24.5	24.5	28.2	32.7	32.7	60.0	60.0	60.9	60.9	60.9	60.9	60.9
≥ 60	12.7	13.6	24.5	27.3	27.3	30.9	35.5	35.5	62.7	62.7	65.5	65.5	65.5	65.5	65.5
≥ 50	12.7	13.6	24.5	27.3	27.3	30.9	35.5	35.5	65.5	70.0	72.7	72.7	72.7	72.7	72.7
≥ 40	12.7	13.6	24.5	27.3	27.3	30.9	35.5	35.5	66.2	81.8	85.5	86.4	86.4	86.4	86.4
≥ 30	12.7	13.6	26.5	27.3	27.3	30.9	35.5	35.5	69.1	88.2	91.8	92.7	92.7	92.7	92.7
≥ 20	12.7	13.6	26.5	27.3	27.3	30.9	35.5	35.5	70.0	96.5	98.2	99.1	99.1	100.0	100.0
≥ 10	12.7	13.6	26.5	27.3	27.3	30.9	35.5	35.5	70.0	96.5	98.2	99.1	99.1	100.0	100.0
≥ 0	12.7	13.6	26.5	27.3	27.3	30.9	35.5	35.5	70.0	96.5	98.2	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 110

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS, 1500-1700

CEILING (FEET)	≥ 0	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 22000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 17000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 15000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 13000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000	12.2	14.6	22.0	22.0	22.0	26.8	26.8	29.3	34.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 11000	12.2	14.6	22.0	24.4	26.8	34.1	34.1	36.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 10000	12.2	14.6	22.0	24.4	26.8	34.1	34.1	36.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 9000	14.6	17.1	24.4	26.8	26.8	36.6	36.6	39.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 8000	14.6	17.1	24.4	26.8	26.8	36.6	36.6	39.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000	14.6	17.1	24.4	26.8	26.8	36.6	36.6	39.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 6000	14.6	17.1	24.4	26.8	26.8	36.6	36.6	39.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 5000	14.6	19.5	26.8	29.3	29.3	39.0	39.0	41.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	14.6	19.5	26.8	29.3	29.3	39.0	39.0	41.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4000	14.6	19.5	26.8	31.7	31.7	41.5	41.5	43.9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 3500	19.5	26.8	34.1	39.0	39.0	48.8	48.8	51.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3000	19.5	26.8	34.1	39.0	39.0	48.8	48.8	51.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 2500	19.5	26.8	34.1	39.0	39.0	48.8	48.8	51.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 2000	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1600	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1400	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1200	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1000	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 900	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 800	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 700	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 600	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 500	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	78.0	80.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 400	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	80.5	90.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 300	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	80.5	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	80.5	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	80.5	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.4	31.7	39.0	46.3	46.3	56.1	56.1	58.5	80.5	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 41

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	≥ 0	≥ 6	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 7	≥ 8	≥ 10	≥ 12	≥ 15	≥ 20	≥ 25	≥ 30	≥ 35	≥ 40
20000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
15000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
12000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
10000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
9000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
8000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
7000		11.7	11.7	13.5	13.5	13.5	14.4	14.4	14.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
6000		14.4	16.2	16.2	16.2	16.2	17.1	17.1	17.1	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
5000		15.3	18.2	17.1	17.1	17.1	18.0	18.0	18.0	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
4500		16.2	19.8	19.8	19.8	19.8	20.7	20.7	20.7	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
4000		16.2	19.8	19.8	19.8	19.8	20.7	20.7	20.7	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
3500		16.2	19.8	19.8	19.8	19.8	20.7	20.7	20.7	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
3000		17.1	18.0	27.9	27.9	27.9	28.8	28.8	28.8	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
2500		17.1	18.0	27.9	27.9	27.9	28.8	28.8	28.8	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
2000		17.1	18.0	27.9	27.9	27.9	28.8	28.8	28.8	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
1800		17.1	18.0	27.9	27.9	27.9	28.8	28.8	28.8	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
1500		17.1	18.0	27.9	27.9	27.9	28.8	28.8	28.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
1200		20.7	21.6	31.5	31.5	31.5	32.4	32.4	32.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
1000		23.6	24.3	41.4	41.4	41.4	42.3	42.3	42.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
900		23.9	24.8	41.4	41.4	41.4	42.3	42.3	42.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
800		26.5	31.5	52.3	52.3	52.3	53.2	53.2	53.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
700		30.9	31.5	52.3	52.3	52.3	53.2	53.2	53.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
600		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
500		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
400		30.9	31.5	53.0	55.0	55.0	56.8	56.8	56.8	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
300		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
200		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
150		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	93.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
100		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	93.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
50		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	93.7	96.0	96.4	97.3	97.3	97.3	97.3	97.3
0		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	93.7	96.0	96.4	97.3	97.3	100.0	100.0	100.0
M		30.9	31.5	55.0	55.0	55.0	56.8	56.8	56.8	93.7	96.0	96.4	97.3	97.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 111

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 STATION NUMBER SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 69-70 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 LOCAL TIME

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10	≥5	≥4	≥3	≥2	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0			
	16,6	14,4	18,0	18,0	18,0	18,9	21,6	21,6	21,6	21,6	21,6	21,6	21,6	21,6	21,6	21,6
	14,4	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 8000	16,6	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 6000	14,4	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 4500	14,4	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 4000	14,4	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 3500	14,4	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 3000	14,4	14,4	18,9	18,9	18,9	19,8	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5
≥ 2500	16,2	16,2	23,4	23,4	23,4	24,3	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 2000	16,2	16,2	23,4	23,4	23,4	24,3	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 1800	16,2	16,2	23,4	23,4	23,4	24,3	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 1500	22,5	30,6	30,6	30,6	30,6	31,5	34,2	34,2	35,1	35,1	35,1	35,1	35,1	35,1	35,1	35,1
≥ 1200	21,6	22,5	30,6	30,6	30,6	31,5	34,2	34,2	35,1	35,1	35,1	35,1	35,1	35,1	35,1	35,1
≥ 1000	21,6	22,5	30,6	30,6	30,6	31,5	34,2	34,2	35,1	35,1	35,1	35,1	35,1	35,1	35,1	35,1
≥ 900	23,4	29,3	32,4	32,4	32,4	33,3	36,0	36,0	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8
≥ 800	23,4	29,3	32,4	32,4	32,4	33,3	36,0	36,0	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8
≥ 700	26,1	27,0	35,1	35,1	35,1	36,0	38,7	38,7	43,2	43,2	43,2	43,2	43,2	43,2	43,2	43,2
≥ 600	33,3	34,2	47,7	47,7	47,7	48,6	51,4	51,4	59,5	59,5	59,5	59,5	59,5	59,5	59,5	59,5
≥ 500	33,3	36,2	47,7	50,5	50,5	51,4	54,1	54,1	62,2	62,2	62,2	62,2	62,2	62,2	62,2	62,2
≥ 400	34,2	35,1	48,6	51,4	51,4	52,3	55,0	56,8	68,5	68,5	68,5	68,5	68,5	68,5	68,5	68,5
≥ 300	34,2	35,1	48,6	51,4	51,4	52,3	55,0	56,8	72,1	72,1	72,1	72,1	72,1	72,1	72,1	72,1
≥ 200	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
≥ 100	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
≥ 50	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
0	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
≥ 600	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
≥ 500	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	94,6	94,6	94,6	94,6	94,6	94,6	94,6	94,6
≥ 400	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
≥ 300	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
≥ 200	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
≥ 100	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
≥ 50	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4
0	36,0	36,9	55,9	58,6	58,6	62,2	64,9	66,7	96,4	96,4	96,4	96,4	96,4	96,4	96,4	96,4

TOTAL NUMBER OF OBSERVATIONS 111

USAF ETAC FORM NO. 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 0	≥ 1/16	≥ 1/8	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6
	7,2	7,2	13,5	13,5	13,5	14,4	14,4	14,4	16,2	16,2	16,2	16,2	16,2	16,2	16,2	16,2
	8,1	8,1	14,4	14,4	14,4	15,3	15,3	15,3	17,1	17,1	17,1	17,1	17,1	17,1	17,1	17,1
≥ 8000	9,0	9,0	15,3	15,3	15,3	16,2	16,2	16,2	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
≥ 5000	9,0	9,0	15,3	15,3	15,3	16,2	16,2	16,2	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
≥ 4500	9,0	9,0	15,3	15,3	15,3	16,2	16,2	16,2	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
≥ 4000	9,0	9,0	15,3	15,3	15,3	16,2	16,2	16,2	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
≥ 3500	9,0	9,0	15,3	15,3	15,3	16,2	16,2	16,2	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
≥ 3000	9,0	9,0	15,3	15,3	15,3	16,2	16,2	16,2	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
≥ 2500	9,0	9,0	16,2	16,2	16,2	18,9	18,9	18,9	20,7	20,7	20,7	20,7	20,7	20,7	20,7	20,7
≥ 2000	9,0	9,0	16,2	16,2	16,2	18,9	18,9	18,9	20,7	20,7	20,7	20,7	20,7	20,7	20,7	20,7
≥ 1800	9,0	9,0	16,2	16,2	16,2	18,9	18,9	18,9	20,7	20,7	20,7	20,7	20,7	20,7	20,7	20,7
≥ 1500	11,7	11,7	22,5	22,5	22,5	25,2	25,2	25,2	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 1200	11,7	11,7	22,5	22,5	22,5	25,2	25,2	25,2	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 1000	11,7	11,7	22,5	22,5	22,5	25,2	25,2	25,2	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 900	11,7	11,7	22,5	22,5	22,5	25,2	25,2	25,2	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 800	11,7	11,7	22,5	22,5	22,5	25,2	25,2	25,2	27,0	27,0	27,0	27,0	27,0	27,0	27,0	27,0
≥ 700	17,1	17,1	27,9	27,9	27,9	30,6	30,6	30,6	33,3	33,3	33,3	33,3	33,3	33,3	33,3	33,3
≥ 600	25,2	25,2	46,8	46,8	46,8	52,3	52,3	52,3	64,0	64,0	64,0	64,0	64,0	64,0	64,0	64,0
≥ 500	25,2	25,2	48,6	48,6	48,6	54,1	54,1	55,0	66,7	66,7	66,7	66,7	66,7	66,7	66,7	66,7
≥ 450	25,2	25,2	48,6	48,6	48,6	54,1	54,1	57,7	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3
≥ 400	25,2	25,2	48,6	48,6	48,6	54,1	54,1	57,7	70,3	70,3	70,3	70,3	70,3	70,3	70,3	70,3
≥ 350	25,2	27,0	61,3	61,3	61,3	72,1	74,8	78,4	93,7	95,5	95,5	95,5	95,5	95,5	95,5	95,5
≥ 300	25,2	27,0	61,3	61,3	61,3	72,1	74,8	78,4	93,7	95,5	95,5	95,5	95,5	95,5	95,5	95,5
≥ 250	25,2	27,0	61,3	61,3	61,3	72,1	74,8	78,4	93,7	95,5	95,5	95,5	95,5	95,5	95,5	95,5
≥ 200	25,2	27,0	61,3	61,3	61,3	72,1	74,8	78,4	94,6	96,4	96,4	96,4	96,4	96,4	96,4	96,4
≥ 150	25,2	27,0	61,3	61,3	61,3	72,1	74,8	79,3	96,4	99,1	99,1	99,1	99,1	99,1	99,1	99,1
≥ 100	25,2	27,0	61,3	61,3	61,3	72,1	74,8	79,3	96,4	99,1	100,0	100,0	100,0	100,0	100,0	100,0
≥ 0	25,2	27,0	61,3	61,3	61,3	72,1	74,8	79,3	96,4	99,1	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 111

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS)

1500-1700

VISIBILITY STATUTE MILES

CEILING FEET	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
	3,8	3,8	20,8	20,8	20,8	22,6	22,6	22,6	24,5	24,5	24,5	24,5	24,5	24,5	24,5	24,5
	3,8	3,8	20,8	20,8	20,8	22,6	22,6	22,6	24,5	24,5	24,5	24,5	24,5	24,5	24,5	24,5
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	7,5	7,5	24,5	24,5	24,5	26,4	26,4	26,4	28,3	28,3	28,3	28,3	28,3	28,3	28,3	28,3
	19,2	19,2	34,0	34,0	34,0	35,8	35,8	35,8	37,7	37,7	37,7	37,7	37,7	37,7	37,7	37,7
	19,2	19,2	34,0	34,0	34,0	35,8	35,8	35,8	37,7	37,7	37,7	37,7	37,7	37,7	37,7	37,7
	19,2	19,2	34,0	34,0	34,0	35,8	35,8	35,8	37,7	37,7	37,7	37,7	37,7	37,7	37,7	37,7
	19,2	19,1	35,6	35,6	35,2	37,7	37,7	37,7	39,6	39,6	39,6	39,6	39,6	39,6	39,6	39,6
	20,8	22,6	50,9	50,9	50,9	54,7	54,7	54,7	56,6	56,6	56,6	56,6	56,6	56,6	56,6	56,6
	32,1	36,0	67,9	67,9	67,9	73,6	73,6	73,6	81,1	81,1	81,1	81,1	81,1	81,1	81,1	81,1
	32,1	36,0	69,8	69,8	69,8	75,5	75,5	75,5	83,0	83,0	83,0	83,0	83,0	83,0	83,0	83,0
	35,8	37,7	77,4	77,4	77,4	83,0	83,0	83,0	90,6	90,6	90,6	90,6	90,6	90,6	90,6	90,6
	35,8	37,7	77,4	77,4	77,4	83,0	83,0	83,0	90,6	90,6	90,6	90,6	90,6	90,6	90,6	90,6
	37,7	39,6	79,2	79,2	79,2	86,8	86,8	86,7	96,2	96,2	96,2	96,2	96,2	96,2	96,2	96,2
	37,7	39,6	79,2	79,2	79,2	86,8	86,8	86,7	96,2	96,2	96,2	96,2	96,2	96,2	96,2	96,2
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	37,7	39,6	81,1	81,1	81,1	88,7	90,6	90,6	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 53

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0400-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥⅜	≥¼	<¼
NO CEILING	4.2	5.8	13.3	14.2	14.2	15.0	15.0	15.0	16.7	16.7	16.7	16.7	16.7	16.7	16.7
22000+	4.2	5.8	14.2	15.8	15.8	16.7	16.7	16.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3
8000	4.2	5.8	14.2	15.8	15.8	16.7	16.7	16.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3
6000	4.2	5.8	14.2	15.8	15.8	16.7	16.7	16.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3
4500	4.2	5.8	14.2	15.8	15.8	16.7	16.7	16.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3
3000	4.2	5.8	14.2	15.8	15.8	16.7	16.7	16.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3
2500	5.0	6.7	15.0	16.7	16.7	17.5	17.5	17.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7
2000	5.0	6.7	15.0	16.7	16.7	17.5	17.5	17.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7
1800	5.0	6.7	15.0	16.7	16.7	17.5	17.5	17.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7
1500	5.0	6.7	15.0	16.7	16.7	17.5	17.5	17.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7
1200	5.0	6.7	15.0	16.7	16.7	17.5	17.5	17.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7
1000	5.0	6.7	15.8	18.3	19.2	19.2	19.2	19.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3
900	5.0	6.7	16.7	18.3	18.3	19.2	19.2	19.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3
800	5.8	7.5	17.5	19.2	19.2	20.0	20.0	20.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2
700	5.8	7.5	17.5	19.2	19.2	20.0	20.0	20.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2
600	5.8	7.5	20.0	21.7	21.7	22.5	22.5	22.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7
500	10.0	11.7	29.2	33.3	33.3	34.2	34.2	34.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
400	10.0	11.7	32.5	36.7	36.7	39.2	39.2	39.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
300	10.0	11.7	32.5	36.7	36.7	39.2	39.2	39.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
200	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
150	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
100	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0
000	12.5	14.2	37.5	42.5	42.5	46.5	46.3	46.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0

TOTAL NUMBER OF OBSERVATIONS 120

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36192 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS) 0800-1100

6.7	10.9	20.2	20.2	20.2	21.8	24.4	24.4	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
6.7	10.9	21.0	21.0	21.0	22.7	25.2	25.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6.7	10.9	21.0	21.0	21.0	22.7	25.2	25.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6.7	10.9	21.0	21.0	21.0	22.7	25.2	25.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6.7	10.9	21.0	21.0	21.0	22.7	25.2	25.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6.7	10.9	21.0	21.0	21.0	22.7	25.2	25.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6.7	10.9	21.8	21.8	21.8	25.2	28.6	28.6	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
6.7	10.9	21.8	21.8	21.8	25.2	28.6	28.6	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
9.2	13.4	24.4	24.4	24.4	27.7	31.1	31.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
9.2	13.4	24.4	24.4	24.4	27.7	31.1	31.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
9.2	13.4	24.4	24.4	24.4	27.7	31.1	31.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
13.4	17.6	28.6	28.6	28.6	31.9	35.3	35.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
15.1	19.3	30.3	30.3	30.3	33.6	37.0	37.0	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
15.1	20.2	31.1	31.1	31.1	36.5	37.8	37.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
15.1	20.2	31.1	31.1	31.1	36.5	37.8	37.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
15.1	20.2	31.1	31.1	31.1	36.5	37.8	37.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
22.7	27.7	39.5	39.5	39.5	43.7	46.7	46.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
24.4	29.4	42.9	42.9	42.9	47.9	52.9	52.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
28.6	30.3	44.5	44.5	44.5	49.6	54.6	54.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
28.6	31.1	47.1	48.6	48.6	56.3	61.3	61.3	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3
28.6	31.1	49.6	52.1	52.1	59.7	64.7	64.7	79.8	80.7	80.7	80.7	80.7	80.7	80.7	80.7
28.6	31.1	52.1	54.6	54.6	62.2	67.2	67.2	88.2	90.8	91.6	91.6	91.6	91.6	91.6	91.6
28.6	31.1	52.1	54.6	54.6	62.2	67.2	67.2	88.2	90.8	91.6	91.6	91.6	91.6	91.6	91.6
28.6	31.1	52.1	54.6	54.6	62.2	67.2	67.2	88.2	91.6	92.4	92.4	92.4	92.4	92.4	92.4
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	90.8	94.1	95.0	95.0	95.0	95.0	95.0	95.0
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	92.3	96.6	97.5	97.5	97.5	97.5	97.5	97.5
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	93.3	97.2	98.1	100.0	100.0	100.0	100.0	100.0
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	93.3	97.2	98.1	100.0	100.0	100.0	100.0	100.0
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	93.3	97.2	98.1	100.0	100.0	100.0	100.0	100.0
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	93.3	97.2	98.1	100.0	100.0	100.0	100.0	100.0
28.6	31.1	52.1	54.6	54.6	63.0	68.1	68.1	93.3	97.2	98.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34190 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

11.2	14.7	24.1	24.1	24.1	26.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
11.2	14.7	24.1	24.1	24.1	26.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
11.2	14.7	24.1	24.1	24.1	26.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
11.2	14.7	24.1	24.1	24.1	26.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
11.2	14.7	24.1	24.1	24.1	26.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
11.2	14.7	24.1	24.1	24.1	26.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
12.1	15.5	27.6	28.4	28.4	31.0	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
12.1	15.5	27.6	28.4	28.4	31.0	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
14.7	18.1	30.2	31.0	31.0	33.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
14.7	18.1	30.2	31.0	31.0	33.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
14.7	18.1	30.2	31.0	31.0	33.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
20.7	24.1	36.2	37.1	37.1	39.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
21.6	25.0	37.1	37.9	37.9	40.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
21.6	27.6	39.7	40.5	40.5	43.1	45.7	45.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
21.6	27.6	39.7	40.5	40.5	43.1	45.7	45.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
21.6	27.6	39.7	40.5	40.5	43.1	45.7	45.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
23.9	31.9	45.7	46.6	46.6	49.1	52.6	52.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
30.2	38.2	52.6	53.4	53.4	56.0	59.5	59.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
30.2	38.2	52.6	53.4	53.4	56.0	59.5	59.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
30.2	38.8	57.6	58.6	58.6	61.2	64.7	64.7	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4
30.2	38.8	60.2	61.2	61.2	63.8	67.2	67.2	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
30.2	38.8	62.9	63.8	63.8	66.4	72.4	72.4	90.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
30.2	38.8	62.9	63.8	63.8	66.4	72.4	72.4	90.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
30.2	38.8	62.9	63.8	63.8	66.4	72.4	72.4	90.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	92.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.2	38.8	63.8	65.5	65.5	68.1	74.1	74.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 116

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ ⅜	≥ ¼	≥ 0
NO CEILING	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 20000	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 8000	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 6000	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 4500	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 3500	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 3000	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 2500	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 2000	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 1800	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 1500	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 1200	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 1000	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 900	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 800	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 700	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 600	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 500	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 400	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 300	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 200	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 100	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
≥ 0	20,5	20,5	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9	32,9
	20,0	20,0	41,1	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8
	20,0	20,0	41,1	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8	43,8
	30,1	30,1	45,2	47,9	47,9	47,9	47,9	47,9	47,9	47,9	47,9	47,9	47,9	47,9	47,9

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES														
	> 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ⅝	≥ ½	≥ 0
≥ 20000		16,1	16,8	16,3	16,3	16,3	17,0	17,0	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5
		16,1	16,8	16,3	16,3	16,3	17,0	17,0	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5
> 9000		16,1	16,8	16,3	16,3	16,3	17,0	17,0	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5
≥ 6000		16,1	16,8	16,3	16,3	16,3	17,0	17,0	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5
≥ 4500		16,1	16,8	16,3	16,3	16,3	17,0	17,0	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5
≥ 3500		16,1	16,8	16,3	16,3	16,3	17,0	17,0	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5
≥ 3000		16,1	17,0	20,0	20,0	20,0	20,7	21,5	23,0	23,0	23,0	23,0	23,0	23,0	23,0	23,0
≥ 2500		16,3	17,0	20,0	20,0	20,0	20,7	22,2	23,7	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 2000		16,3	17,0	20,0	20,0	20,0	20,7	22,2	23,7	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 1800		16,3	17,0	20,0	20,0	20,0	20,7	22,2	23,7	23,7	23,7	23,7	23,7	23,7	23,7	23,7
≥ 1500		18,9	19,3	22,2	22,2	22,2	23,0	24,4	25,9	25,9	25,9	25,9	25,9	25,9	25,9	25,9
≥ 1000		20,7	21,5	24,4	24,4	24,4	26,7	30,4	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9
≥ 800		20,7	21,5	24,9	24,4	24,4	26,7	30,4	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9
≥ 700		23,7	24,4	27,4	27,4	27,4	29,0	32,3	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8
≥ 600		25,2	28,9	28,9	28,9	28,9	31,4	34,8	36,3	36,3	36,3	36,3	36,3	36,3	36,3	36,3
≥ 500		27,4	28,1	31,1	31,1	31,1	33,9	37,7	38,5	38,5	38,5	38,5	38,5	38,5	38,5	38,5
≥ 400		35,6	38,3	40,0	40,0	40,0	42,2	45,9	47,4	47,4	47,4	47,4	47,4	47,4	47,4	47,4
≥ 300		42,2	48,0	51,1	51,1	51,1	54,6	58,5	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0
≥ 200		45,2	45,9	56,1	56,1	56,1	57,8	61,5	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0
≥ 150		46,7	48,1	59,3	59,3	59,3	60,7	67,4	70,4	70,4	70,4	70,4	70,4	70,4	70,4	70,4
≥ 100		48,1	49,6	60,7	60,7	60,7	62,2	68,9	71,9	71,9	71,9	71,9	71,9	71,9	71,9	71,9
≥ 000		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	88,1	88,1	88,1	88,1	88,1	88,1	88,1
≥ 900		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	88,1	88,1	88,1	88,1	88,1	88,1	88,1
≥ 800		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	88,1	88,1	88,1	88,1	88,1	88,1	88,1
≥ 700		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	88,1	88,1	88,1	88,1	88,1	88,1	88,1
≥ 600		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	91,1	92,6	92,6	92,6	92,6	92,6	92,6
≥ 500		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	93,5	96,5	96,5	96,5	97,0	97,0	97,0
≥ 400		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	94,6	97,6	97,6	97,6	98,5	98,5	98,5
≥ 300		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	94,6	97,6	97,6	97,6	100,0	100,0	100,0
≥ 200		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	94,6	97,6	97,6	97,6	100,0	100,0	100,0
≥ 100		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	94,6	97,6	97,6	97,6	100,0	100,0	100,0
≥ 0		50,6	52,6	65,9	65,9	65,9	72,6	78,5	81,5	94,6	97,6	97,6	97,6	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 135

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR
STATION NO. STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOUR (LST)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 25000		12.9	12.9	13.0	13.0	13.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 22000		12.9	12.9	13.0	13.0	13.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 20000		12.9	12.9	13.0	13.0	13.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 18000		12.9	12.9	13.0	13.0	13.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 16000		12.9	12.9	13.0	13.0	13.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 14000		12.9	12.9	13.0	13.0	13.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 12000		16.7	16.7	18.8	18.8	18.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 10000		16.7	16.7	18.8	18.8	18.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 9000		16.7	16.7	18.8	18.8	18.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 8000		16.7	16.7	18.8	18.8	18.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 7000		16.7	16.7	18.8	18.8	18.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 6000		18.8	18.8	21.0	21.0	21.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 5000		23.2	23.2	26.1	26.1	26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 4500		23.2	23.2	26.1	26.1	26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 4000		23.2	23.2	26.1	26.1	26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 3500		29.0	29.0	32.7	32.7	32.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 3000		29.0	29.0	32.7	32.7	32.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 2500		50.0	50.0	55.1	55.1	55.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 2000		58.0	58.0	68.1	68.1	68.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1800		58.0	58.0	68.1	68.1	68.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1500		58.7	58.7	69.6	69.6	69.6	73.9	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1200		61.6	61.6	72.5	73.2	73.2	78.3	78.3	79.7	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1000		63.0	63.0	75.4	76.3	76.3	85.5	87.0	88.4	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	96.4	97.8	97.8	97.8	97.8	97.8
≥ 500		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	98.6	100.0	100.0	100.0	100.0	100.0
≥ 400		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	98.6	100.0	100.0	100.0	100.0	100.0
≥ 300		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	98.6	100.0	100.0	100.0	100.0	100.0
≥ 200		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	98.6	100.0	100.0	100.0	100.0	100.0
≥ 100		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	98.6	100.0	100.0	100.0	100.0	100.0
≥ 0		63.8	63.8	75.4	76.3	76.3	85.5	87.0	88.4	98.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 138

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 (STA. NO.) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES ≥0	≥½	≥1	≥1½	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11	≥12	≥13	≥14	≥15	≥16
≥ 25000		6.3	6.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
		6.3	6.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 20000		6.3	6.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 15000		6.3	6.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 10000		5.3	6.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 9000		6.3	6.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 8000		10.9	10.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 7000		10.9	10.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 6000		10.9	10.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 5000		10.9	10.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 4500		13.0	13.0	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
≥ 4000		13.8	13.8	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 3500		13.8	13.8	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 3000		13.8	13.8	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 2500		15.1	15.1	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 2000		21.0	21.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 1800		47.9	47.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 1500		62.3	62.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1200		62.3	62.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1000		60.5	60.2	79.0	79.0	79.0	81.2	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 900		67.7	66.1	86.9	86.9	88.3	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800		69.6	70.2	88.4	90.0	90.0	93.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700		69.6	70.2	88.4	90.0	90.0	93.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		69.6	70.2	88.4	90.0	90.0	94.2	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 138

USAF ETAC FORM JULY 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

34199 (WBAN) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 66-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 22000	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 18000	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 14000	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 10000	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 9000	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 8000	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 7000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 6000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 5000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4500	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 4000	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 3500	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 3000	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 2500	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 2000	57.3	57.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	69.7	69.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1600	69.7	69.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1400	70.8	70.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	70.8	70.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	71.9	71.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.9	71.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 89

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8
≥ 22000	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	40.0
≥ 20000	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	40.0
≥ 18000	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	40.0
≥ 16000	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	40.0
≥ 14000	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	40.0
≥ 12000	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	40.0
≥ 10000	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	40.0
≥ 9000	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	40.0
≥ 8000	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	40.0
≥ 7000	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	40.0
≥ 6000	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	40.0
≥ 5000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	80.0	80.0	80.0	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	80.0	80.0	80.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	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	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.0	80.0	100.0	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	80.0	80.0	100.0	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

36199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 7	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	¾	≥ ½	≥ ¼	≥ 0			
NO CEILING	23,9	26,7	30,4	31,1	31,1	34,1	34,1	34,1	35,6	35,6	35,6	35,6	35,6	35,6	35,6
≥ 22000	29,6	30,4	34,1	34,8	34,8	37,8	37,8	37,8	39,3	39,3	39,3	39,3	39,3	39,3	39,3
≥ 18000	29,6	30,4	34,1	34,8	34,8	37,8	37,8	37,8	39,3	39,3	39,3	39,3	39,3	39,3	39,3
≥ 14000	29,6	30,4	34,1	34,8	34,8	37,8	37,8	37,8	39,3	39,3	39,3	39,3	39,3	39,3	39,3
≥ 12000	29,6	30,4	34,1	34,8	34,8	37,8	37,8	37,8	39,3	39,3	39,3	39,3	39,3	39,3	39,3
≥ 10000	29,6	30,4	34,1	34,8	34,8	37,8	37,8	37,8	39,3	39,3	39,3	39,3	39,3	39,3	39,3
≥ 9000	31,1	31,9	37,0	37,8	37,8	40,7	40,7	40,7	42,2	42,2	42,2	42,2	42,2	42,2	42,2
≥ 8000	31,1	31,9	37,0	37,8	37,8	40,7	40,7	40,7	42,2	42,2	42,2	42,2	42,2	42,2	42,2
≥ 7000	32,6	33,3	38,5	39,3	39,3	42,2	42,2	42,2	43,7	43,7	43,7	43,7	43,7	43,7	43,7
≥ 6000	32,6	33,3	38,5	39,3	39,3	42,2	42,2	42,2	43,7	43,7	43,7	43,7	43,7	43,7	43,7
≥ 5000	33,3	36,3	40,0	40,7	40,7	43,7	43,7	43,7	45,2	45,2	45,2	45,2	45,2	45,2	45,2
≥ 4500	34,8	36,3	43,0	43,7	43,7	46,7	46,7	46,7	48,1	48,1	48,1	48,1	48,1	48,1	48,1
≥ 4000	34,8	36,3	43,0	43,7	43,7	46,7	46,7	46,7	48,1	48,1	48,1	48,1	48,1	48,1	48,1
≥ 3500	34,8	36,3	43,0	43,7	43,7	46,7	46,7	46,7	48,1	48,1	48,1	48,1	48,1	48,1	48,1
≥ 3000	36,3	37,8	44,5	45,2	45,2	48,1	48,1	48,1	49,6	49,6	49,6	49,6	49,6	49,6	49,6
≥ 2500	37,0	38,5	45,2	45,9	45,9	48,9	48,9	48,9	50,4	50,4	50,4	50,4	50,4	50,4	50,4
≥ 2000	50,4	52,3	58,0	58,7	63,7	66,7	66,7	66,7	68,1	68,1	68,1	68,1	68,1	68,1	68,1
≥ 1800	56,3	59,3	68,9	69,6	69,6	73,3	74,1	75,6	77,0	77,0	77,0	77,0	77,0	77,0	77,0
≥ 1500	57,0	60,0	69,9	70,4	70,4	74,1	76,8	76,3	77,8	77,8	77,8	77,8	77,8	77,8	77,8
≥ 1200	57,8	60,7	72,6	73,3	73,3	77,0	77,8	79,3	80,7	80,7	80,7	80,7	80,7	80,7	80,7
≥ 1000	58,5	61,5	76,1	76,8	76,8	79,5	80,0	81,5	83,0	83,0	83,0	83,0	83,0	83,0	83,0
≥ 900	58,5	61,5	74,8	75,6	75,6	80,7	83,7	85,9	88,9	90,4	90,4	90,4	90,4	90,4	90,4
≥ 800	58,5	61,5	74,8	75,6	75,6	80,7	83,7	85,9	88,9	90,4	90,4	90,4	90,4	90,4	90,4
≥ 700	58,5	61,5	74,8	75,6	75,6	80,7	83,7	85,9	89,6	91,1	91,1	91,1	91,1	91,1	91,1
≥ 600	58,5	61,5	74,8	75,6	75,6	80,7	83,7	85,9	89,6	91,1	91,1	91,1	91,1	91,1	91,1
≥ 500	58,5	61,5	74,8	75,6	75,6	80,7	83,7	85,9	91,1	94,8	96,3	96,3	96,3	96,3	96,3
≥ 400	58,5	61,5	74,8	75,6	75,6	80,7	83,7	85,9	91,1	94,8	96,3	96,3	96,3	96,3	96,3
≥ 300	58,5	61,5	74,8	75,6	75,6	81,5	85,4	86,7	92,6	95,6	97,0	97,0	97,0	97,0	97,0
≥ 200	58,5	61,5	74,8	75,6	75,6	81,5	86,4	86,7	91,9	95,6	97,0	97,0	97,0	98,5	100,0
≥ 100	58,5	61,5	74,8	75,6	75,6	81,5	86,4	86,7	91,9	95,6	97,0	97,0	97,0	98,5	100,0
≥ 0	58,5	61,5	74,8	75,6	75,6	81,5	86,4	86,7	91,9	95,6	97,0	97,0	97,0	98,5	100,0

TOTAL NUMBER OF OBSERVATIONS 135

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 08.70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥7
≥ 20000	32.1	32.6	33.6	34.3	34.3	36.6	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	39.6	44.8	45.5	46.3	46.3	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	39.6	44.8	45.5	46.3	46.3	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 5000	39.6	44.8	45.5	46.3	46.3	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4000	39.6	44.8	45.5	46.3	46.3	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 3000	39.6	44.8	45.5	46.3	46.3	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 2500	44.8	50.0	50.7	51.5	51.5	53.7	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 2000	46.3	51.5	52.2	53.0	53.0	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	47.0	52.2	53.0	53.7	53.7	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1500	47.0	52.2	53.0	53.7	53.7	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1200	47.8	54.5	55.2	56.0	56.0	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 1000	54.5	61.2	61.9	62.7	62.7	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 900	58.2	64.9	65.7	66.4	66.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 800	58.2	64.9	65.7	66.4	66.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 700	59.0	65.7	66.4	67.2	67.2	70.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 600	59.0	65.7	66.4	67.2	67.2	70.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 500	69.7	71.6	72.4	73.1	73.1	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 400	71.6	78.4	79.9	81.3	81.3	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	72.4	79.1	80.6	82.1	82.1	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 200	74.6	81.3	82.8	84.3	84.3	87.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 150	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 100	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 000	76.9	83.6	85.1	86.6	86.6	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS 194

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥0	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	27,6	28,1	28,1	28,1	28,1	28,7	28,9	28,9	28,9	28,9	28,9	28,9	28,9	28,9
	40,7	45,2	45,2	45,2	45,2	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9
≥ 8000	40,7	45,2	45,2	45,2	45,2	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9
≥ 5000	40,7	45,2	45,2	45,2	45,2	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9
≥ 4500	40,7	45,2	45,2	45,2	45,2	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9
≥ 4000	42,2	46,7	46,7	46,7	46,7	47,4	47,4	47,4	47,4	47,4	47,4	47,4	47,4	47,4
≥ 3500	45,9	50,6	50,4	50,4	50,6	51,1	51,1	51,1	51,1	51,1	51,1	51,1	51,1	51,1
≥ 3000	48,1	52,6	52,6	52,6	52,6	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3
≥ 2500	50,4	54,8	54,8	54,8	54,8	55,6	55,6	55,6	55,6	55,6	55,6	55,6	55,6	55,6
≥ 2000	50,4	54,8	54,8	54,8	54,8	55,6	55,6	55,6	55,6	55,6	55,6	55,6	55,6	55,6
≥ 1800	51,1	55,6	55,6	55,6	55,6	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3
≥ 1500	55,6	60,0	60,0	60,0	60,0	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7
≥ 1200	57,8	62,2	62,2	62,2	62,2	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0
≥ 1000	57,8	62,2	62,2	62,2	62,2	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0
≥ 900	59,0	64,4	64,4	64,4	64,4	65,2	65,2	65,2	65,2	65,2	65,2	65,2	65,2	65,2
≥ 800	62,2	66,7	66,7	66,7	66,7	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,4
≥ 700	67,9	72,1	72,1	72,1	72,1	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9
≥ 600	77,0	82,2	84,4	84,4	84,4	85,2	85,2	85,2	86,7	86,7	86,7	86,7	86,7	86,7
≥ 500	79,3	86,4	86,7	86,7	86,7	88,1	88,1	88,1	88,9	88,9	88,9	88,9	88,9	88,9
≥ 450	83,2	90,4	92,6	92,6	92,6	94,8	94,8	94,8	95,6	95,6	95,6	95,6	95,6	95,6
≥ 400	85,2	90,9	93,0	93,0	93,0	94,8	94,8	94,8	95,6	95,6	95,6	95,6	95,6	95,6
≥ 350	85,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 250	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 150	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 050	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0
≥ 000	86,7	91,9	94,8	95,6	95,6	97,3	97,3	97,3	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2	26,2
	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7	93,7
	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7
	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7
	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	45,6	45,6	45,6
	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6
	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5
	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	53,4	53,4	53,4
	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4
	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4	54,4
	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2	59,2
	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0
	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0
	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0
	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9	70,9
	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7	75,7
	89,3	89,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3
	92,2	92,2	94,2	94,2	94,2	94,2	94,2	95,1	95,1	95,1	95,1	95,1	95,1	95,1	95,1	95,1
	92,2	92,2	96,2	96,2	96,2	96,2	96,2	95,1	95,1	95,1	95,1	95,1	95,1	95,1	95,1	95,1
	98,1	98,1	97,1	97,1	97,1	97,1	97,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1
	98,1	98,1	97,1	97,1	97,1	97,1	97,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	98,1	98,1	99,0	99,0	99,0	99,0	99,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 103

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-69 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

TOTAL NUMBER OF OBSERVATIONS 9

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-69 JUN

0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

	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	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	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	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	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	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	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	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
	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	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	40.0	40.0	40.0	40.0
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0620-0800

36,0	39,6	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
38,6	42,7	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1
38,4	42,7	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1
38,4	42,7	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1
38,4	42,7	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1	45,1
39,4	43,9	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6
39,6	43,9	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6
40,2	44,5	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2
40,2	44,5	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2
40,2	44,5	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2	48,2
43,3	47,6	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2
43,3	47,6	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2	51,2
46,3	51,2	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5	55,5
47,0	51,6	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1
47,6	52,4	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	56,8	56,8
49,7	56,3	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	62,2	62,2
53,0	57,9	70,7	71,3	71,3	73,2	74,4	74,4	74,4	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8
53,0	57,9	70,7	71,3	71,3	73,2	76,4	76,4	76,4	76,8	76,8	76,8	76,8	76,8	76,8	76,8	76,8
54,5	60,4	73,2	73,8	73,8	77,4	79,3	79,3	83,5	83,5	83,5	83,5	83,5	83,5	83,5	83,5	83,5
55,5	61,0	74,0	75,0	75,0	77,3	82,7	83,4	88,6	88,6	88,6	88,6	88,6	88,6	88,6	88,6	88,6
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8
56,5	64,6	81,1	81,7	81,7	86,0	89,6	90,2	97,0	97,0	98,8	98,8	98,8	98,8	98,8	98,8	98,8

TOTAL NUMBER OF OBSERVATIONS 164

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

36,0	42,2	42,2	42,2	[illegible]	42,8	42,	42,8	42,8	42,8	42,8	42,8	42,8	42,8	42,2
39,8	44,6	44,6	44,6	[illegible]	45,2	45,	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2
39,8	44,6	44,6	44,6	44,6	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2
39,8	44,6	44,6	44,6	44,6	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2	45,2
40,6	45,2	45,2	45,2	45,2	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8
40,6	45,2	45,2	45,2	45,2	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8
42,2	47,0	47,0	47,0	47,0	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6
42,2	47,0	47,0	47,0	47,0	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6
42,2	47,0	47,0	47,0	47,0	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6	47,6
44,0	48,8	48,8	48,8	48,8	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4
44,0	48,8	48,8	48,8	48,8	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4
44,0	48,8	48,8	48,8	48,8	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4
46,0	49,8	49,8	49,8	49,8	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4	49,4
47,0	53,6	53,6	53,6	53,6	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2
48,8	52,4	53,4	53,0	53,4	56,0	56,0	56,0	56,0	56,0	56,0	56,0	56,0	56,0	56,0
50,0	56,6	57,2	57,8	57,8	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4	58,4
62,7	69,9	70,5	71,1	71,1	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7	71,7
68,1	74,7	75,9	76,5	76,5	77,1	77,1	77,1	78,9	78,9	78,9	78,9	78,9	78,9	78,9
69,9	76,5	77,1	78,3	78,3	78,9	78,9	78,9	80,7	80,7	80,7	80,7	80,7	80,7	80,7
72,3	80,1	84,9	86,7	86,7	87,3	87,3	87,3	89,2	89,2	89,2	89,2	89,2	89,2	89,2
72,9	80,7	85,5	87,3	87,3	88,0	91,0	91,0	92,8	92,8	92,8	92,8	92,8	92,8	92,8
73,5	81,3	88,0	89,8	89,8	91,0	93,4	93,4	97,0	97,0	98,8	98,8	98,8	98,8	98

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUN

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ½	≥ ¼	= 0
[illegible]		28,5	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		28,1	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5
≥ 8000		32,1	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5
≥ 6000		32,1	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5	34,5
≥ 4000		33,3	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8
≥ [illegible]		33,3	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8	35,8
≥ [illegible]		35,2	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ [illegible]		35,2	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
> 8000		35,2	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 7000		35,2	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
≥ 6000		39,4	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0
≥ 5000		39,4	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0
≥ 4500		39,4	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0	43,0
4000		48,6	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
≥ 3500		46,1	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
≥ 3000		46,1	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0	57,0
≥ 2500		67,8	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2	75,2
≥ 2000		73,9	81,8	84,2	84,2	84,2	84,2	84,2	84,2	84,2	84,2	84,2	84,2	84,2	84,2	84,2
≥ 1800		73,9	81,8	84,2	84,2	84,2	84,2	89,2	89,2	89,2	89,2	89,2	89,2	89,2	89,2	89,2
≥ 1500		77,6	86,1	92,1	92,1	92,1	92,1	91,1	92,1	92,1	92,1	92,1	92,1	92,1	92,1	92,1
≥ 1200		77,6	86,1	92,7	92,7	92,7	92,7	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9	93,9
[illegible]		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 900		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
[illegible]		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 700		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 600		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 500		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 400		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 0		77,6	87,3	96,4	96,4	96,4	96,4	98,2	98,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 165

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JULY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-1700

	≥ 0	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
		30,0	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8	31,8
		36,4	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
		36,4	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
		36,4	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
		36,4	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
		36,4	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
		39,1	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9
		39,1	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9
		40,0	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	41,8	41,8	41,8
		40,0	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	41,8	41,8	41,8
		41,8	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6
		46,4	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
		47,3	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9	50,9
		51,8	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2	58,2
		53,6	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0
		57,3	64,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5	65,5
		75,5	84,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5
		88,6	92,7	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6
		88,6	92,7	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6	93,6
		86,4	95,5	96,4	96,4	96,4	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3
		86,4	93,5	97,3	97,3	97,3	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2	98,2
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
		86,4	95,5	99,1	99,1	99,1	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 110

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING		30.3	32.4	39.4	39.9	39.9	41.5	41.5	41.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
20000		31.4	33.5	40.4	41.0	41.0	43.1	43.1	43.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
15000		32.4	34.6	41.5	42.0	42.0	44.1	44.1	44.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3
12000		32.4	34.6	41.5	42.0	42.0	44.1	44.1	44.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3
10000		32.4	34.6	42.0	42.6	42.6	44.7	44.7	44.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8
8000		33.0	35.1	42.6	43.1	43.1	45.2	45.2	45.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
6000		34.6	36.7	45.2	45.7	45.7	47.9	47.9	47.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
5000		34.6	36.7	45.2	45.7	45.7	47.9	47.9	47.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
4500		35.1	37.8	46.3	46.8	46.8	48.9	48.9	48.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
4000		35.1	37.8	46.3	46.8	46.8	48.9	48.9	48.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
3500		36.2	38.8	47.4	47.9	47.9	50.0	50.0	50.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
3000		39.4	42.0	50.5	51.1	51.1	53.2	53.2	53.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2500		39.4	42.0	50.5	51.1	51.1	53.2	53.2	53.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2000		39.4	42.0	50.5	51.1	51.1	53.2	53.2	53.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
1800		39.4	42.0	50.5	51.1	51.1	53.2	53.2	53.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
1500		39.4	42.0	50.5	51.1	51.1	53.2	53.2	53.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
1200		40.9	43.0	52.1	52.6	52.6	54.7	54.7	54.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
1000		40.9	43.0	52.1	52.6	52.6	54.7	54.7	54.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
900		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
800		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
700		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
600		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
500		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
400		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
300		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
200		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
100		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
0		41.4	43.5	52.6	53.2	53.2	55.3	55.3	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4

TOTAL NUMBER OF OBSERVATIONS 186

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
OBS. HR

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0		
NO CEILING		42.6	43.1	46.2	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 22000		43.1	43.6	46.7	46.7	46.7	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000		44.1	44.6	47.7	47.7	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 6000		44.1	44.6	47.7	47.7	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 4000		44.1	44.6	47.7	47.7	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 2000		44.6	45.1	48.2	48.2	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 1500		45.1	45.6	48.7	48.7	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1000		46.2	46.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 800		49.2	49.7	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 600		49.2	49.7	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 500		50.3	50.8	53.8	54.4	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 400		54.4	54.9	57.9	58.5	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 300		54.4	54.9	57.9	58.5	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 200		56.6	57.4	60.5	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 150		56.9	57.4	60.5	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 100		57.4	57.9	61.0	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 50		64.1	64.6	68.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 0		69.2	70.8	75.9	77.4	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800		69.2	70.8	75.9	77.4	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 900		72.3	74.4	80.5	82.6	82.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 200		75.4	77.5	83.6	85.6	85.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 100		75.4	77.9	86.7	88.7	88.7	90.8	90.8	92.8	92.8	95.4	95.4	95.4	95.4	95.4
≥ 900		75.4	77.9	86.7	88.7	88.7	90.8	92.8	92.8	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800		75.4	77.9	88.7	90.8	90.8	92.8	94.9	94.9	97.4	98.5	98.5	98.5	98.5	98.5
≥ 700		75.4	77.9	88.7	90.8	90.8	92.8	94.9	94.9	97.4	98.5	98.5	98.5	98.5	98.5
≥ 600		75.4	77.9	88.7	90.8	90.8	92.8	94.9	94.9	97.4	98.5	98.5	98.5	98.5	98.5
≥ 500		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0
≥ 400		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0
≥ 300		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0
≥ 200		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0
≥ 100		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0
≥ 50		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0
≥ 0		75.4	77.9	88.7	90.8	90.8	92.8	96.4	96.9	99.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 198

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 J-L

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
NO CEILING	38,9	38,9	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
≥ 20000	41,1	41,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 8000	41,1	41,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 6000	41,1	41,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 4000	41,1	41,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥ 3000	42,6	42,6	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7	43,7
≥ 2500	43,2	43,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2	44,2
≥ 2000	44,7	44,7	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8	45,8
≥ 1800	45,9	45,9	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
≥ 1500	46,9	46,9	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
≥ 1200	46,9	46,9	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
≥ 1000	52,6	52,6	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7
≥ 900	52,6	52,6	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7	58,7
≥ 800	53,2	53,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2	54,2
≥ 700	54,7	54,7	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8	55,8
≥ 600	76,7	76,8	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4	77,4
≥ 500	82,6	83,7	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8
≥ 450	82,6	83,7	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8
≥ 400	85,3	87,4	91,1	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6	92,6
≥ 350	86,5	88,9	92,0	93,2	94,2	94,2	94,2	94,2	94,2	94,2	94,2	94,2	94,2	94,2	94,2
≥ 300	87,4	89,8	93,2	94,7	94,7	96,0	97,9	97,9	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 250	87,4	89,8	93,2	94,7	94,7	96,0	97,9	97,9	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 200	87,4	89,8	93,7	95,3	95,3	97,4	98,4	98,4	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 150	87,4	89,8	93,7	95,3	95,3	97,4	98,4	98,4	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100	87,4	89,8	93,7	95,3	95,3	97,4	98,4	98,4	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 50	87,4	89,8	93,7	95,3	95,3	97,4	98,4	98,4	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 0	87,4	89,8	93,7	95,3	95,3	97,4	98,4	98,4	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 190

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥2	≥2½	≥3	≥4	≥5	≥6	≥7
≥ 22000		44,4	45,9	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1	48,1
		49,6	51,1	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3
≥ 18000		49,6	51,1	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3
≥ 14000		49,6	51,1	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3
≥ 10000		50,4	51,9	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1	54,1
≥ 9000		52,6	54,1	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3	56,3
≥ 8000		54,1	55,6	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8	57,8
≥ 7000		55,6	57,0	59,3	59,3	59,3	59,3	59,3	59,3	59,3	59,3	59,3	59,3	59,3
≥ 6000		57,0	58,5	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7
≥ 5000		57,0	58,5	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7	60,7
≥ 4500		59,3	60,7	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0
≥ 4000		60,7	62,2	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4
≥ 3500		60,7	62,2	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4	64,4
≥ 3000		62,2	63,7	65,9	65,9	65,9	65,9	65,9	65,9	65,9	65,9	65,9	65,9	65,9
≥ 2500		63,7	65,2	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,4	67,4
≥ 2000		64,4	65,9	68,1	68,1	68,1	68,1	68,1	68,1	68,1	68,1	68,1	68,1	68,1
≥ 1800		83,7	88,2	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9
≥ 1700		91,9	93,3	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0
≥ 1600		91,9	93,3	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0	97,0
≥ 1500		93,3	94,6	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 1400		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3
≥ 1300		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 1200		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 1100		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 1000		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 900		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 800		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 700		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 600		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 500		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 400		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 300		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 200		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 100		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0
≥ 0		94,1	95,6	99,3	99,3	99,3	99,3	99,3	99,3	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 48-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET) \ VISIBILITY (STATUTE MILES)	≥0	≥1/4	≥1/2	≥1	≥1 1/4	≥1 1/2	≥2	≥2 1/2	≥3	≥4	≥5	≥6	≥7	≥10
≥ 20000	12,2	13,3	19,4	21,1	21,1	21,7	24,4	24,4	28,9	28,9	28,9	28,9	28,9	28,9
≥ 15000	12,2	13,3	20,0	21,7	21,7	22,2	25,0	25,0	29,4	29,4	29,4	29,4	29,4	29,4
≥ 10000	12,2	13,3	20,0	21,7	21,7	22,2	25,0	25,0	29,4	29,4	29,4	29,4	29,4	29,4
≥ 9000	12,2	13,3	20,0	21,7	21,7	22,2	25,0	25,0	29,4	29,4	29,4	29,4	29,4	29,4
≥ 8000	12,2	13,3	20,0	21,7	21,7	22,2	25,0	25,0	29,4	29,4	29,4	29,4	29,4	29,4
≥ 7000	12,2	13,3	20,0	21,7	21,7	22,2	25,0	25,0	29,4	29,4	29,4	29,4	29,4	29,4
≥ 6000	12,8	14,4	21,1	22,8	22,8	23,3	26,7	26,7	31,7	31,7	31,7	31,7	31,7	31,7
≥ 5000	12,8	14,4	21,1	22,8	22,8	23,3	26,7	26,7	31,7	31,7	31,7	31,7	31,7	31,7
≥ 4500	13,3	15,6	22,2	23,9	23,9	24,4	27,8	27,8	32,8	32,8	32,8	32,8	32,8	32,8
≥ 4000	13,3	15,6	22,2	23,9	23,9	24,4	27,8	27,8	32,8	32,8	32,8	32,8	32,8	32,8
≥ 3500	13,3	15,6	22,3	23,9	23,9	24,4	27,8	27,8	32,8	32,8	32,8	32,8	32,8	32,8
≥ 3000	14,4	17,2	24,4	26,1	26,1	26,7	31,1	31,1	36,7	36,7	36,7	36,7	36,7	36,7
≥ 2500	14,4	17,2	24,4	26,1	26,1	26,7	31,1	31,1	36,7	36,7	36,7	36,7	36,7	36,7
≥ 2000	16,7	19,4	27,8	30,0	30,0	31,1	35,6	35,6	41,1	41,1	41,1	41,1	41,1	41,1
≥ 1800	16,7	19,4	27,8	30,0	30,0	31,1	35,6	35,6	41,1	41,1	41,1	41,1	41,1	41,1
≥ 1600	16,7	19,4	27,8	30,0	30,0	31,1	35,6	35,6	41,1	41,1	41,1	41,1	41,1	41,1
≥ 1400	22,2	25,0	35,0	37,2	37,2	38,3	42,8	42,8	49,4	49,4	49,4	49,4	49,4	49,4
≥ 1200	25,6	28,3	39,4	41,7	41,7	43,3	47,8	48,4	60,0	60,0	60,0	60,0	60,0	60,0
≥ 1000	25,6	28,3	39,4	41,7	41,7	43,3	47,8	48,4	60,0	60,0	60,0	60,0	60,0	60,0
≥ 900	25,6	28,3	39,4	41,7	41,7	43,3	47,8	48,4	60,0	60,0	60,0	60,0	60,0	60,0
≥ 800	25,6	28,9	40,0	42,2	42,2	43,9	48,3	50,0	60,6	60,6	60,6	60,6	60,6	60,6
≥ 700	27,8	32,2	46,1	50,6	50,6	53,3	58,9	61,7	79,4	79,4	79,4	79,4	79,4	79,4
≥ 600	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	80,6	80,6	80,6	80,6	80,6	80,6
≥ 500	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	83,3	83,3	83,3	83,3	83,3	83,3
≥ 400	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	85,6	85,6	85,6	85,6	85,6	85,6
≥ 300	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	87,2	88,3	90,0	90,0	90,0	91,1
≥ 200	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	87,2	88,3	90,0	90,0	90,0	91,1
≥ 100	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	87,2	90,0	92,2	92,2	92,2	93,3
≥ 0	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	87,2	90,0	92,2	92,2	94,4	96,7
	28,3	32,8	46,7	51,1	51,1	53,9	59,4	62,2	87,2	90,0	92,3	92,2	94,4	96,7

≥ 0	100,0
	100,0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

26,5	27,6	35,4	35,9	35,9	36,5	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0	37,0	
28,2	29,3	37,0	37,6	37,6	38,1	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	
28,2	29,3	37,0	37,6	37,6	38,1	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	
28,2	29,3	37,0	37,6	37,6	38,1	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	
28,2	29,3	37,0	37,6	37,6	38,1	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	
28,2	29,3	37,0	37,6	37,6	38,1	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	38,7	
29,8	31,5	39,2	39,8	39,8	40,3	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	
29,8	31,5	39,2	39,8	39,8	40,3	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9	
31,5	33,1	40,9	41,4	41,4	42,0	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	42,5	
31,5	33,1	41,4	42,0	42,0	42,5	43,1	43,1	43,1	43,1	43,1	43,1	43,1	43,1	43,1	
31,5	33,1	41,4	42,0	42,0	42,5	43,1	43,1	43,1	43,1	43,1	43,1	43,1	43,1	43,1	
32,0	33,7	43,1	44,2	44,2	44,8	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	
32,0	33,7	43,1	44,2	44,2	44,8	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	45,9	
33,1	34,8	44,2	45,3	45,3	45,9	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	47,0	
34,8	36,5	45,9	47,0	47,0	47,5	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	48,6	
36,5	38,1	47,5	48,6	48,6	49,2	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	50,3	
39,8	43,0	55,2	56,9	56,9	58,0	59,7	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8	
43,6	47,5	60,2	62,4	62,4	63,5	65,2	66,3	66,3	66,3	66,3	66,3	66,3	66,3	66,3	
43,6	47,5	60,2	62,4	62,4	63,5	65,2	66,3	66,3	66,3	66,3	66,3	66,3	66,3	66,3	
45,9	49,7	62,4	65,2	65,2	67,4	69,1	70,2	70,2	70,2	70,2	70,2	70,2	70,2	70,2	
45,9	50,3	63,5	67,4	67,4	71,3	73,0	73,1	73,1	73,1	73,1	73,1	73,1	73,1	73,1	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	83,6	87,8	87,8	87,8	87,8	87,8	87,8	87,8	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	83,6	87,8	87,8	87,8	87,8	87,8	87,8	87,8	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	82,4	89,5	89,5	89,5	89,5	89,5	89,5	89,5	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	90,6	90,6	90,6	90,6	90,6	90,6	90,6	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	92,3	92,3	92,3	92,3	92,3	92,3	92,3	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	95,7	97,2	98,3	98,3	98,3	98,3	98,3	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	95,7	97,2	98,3	98,3	98,3	98,3	98,3	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	95,7	97,2	98,3	98,9	99,4	99,4	99,4	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	95,7	97,2	98,3	98,9	99,4	99,4	99,4	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	95,7	97,2	98,3	98,9	99,4	100,0	100,0	
46,4	50,8	67,4	73,5	73,5	77,9	80,7	84,0	95,7	97,2	98,3	98,9	99,4	100,0	100,0	

TOTAL NUMBER OF OBSERVATIONS 181

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34139 SIEGENBURG GERMANY GUNNERY RANGE 68-70 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 7	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	≥ 0	≥ 0	≥ 0	≥ 0
		29,8	30,3	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8
		33,1	33,7	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
≥		33,1	33,7	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
≥		33,1	33,7	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
≥		33,1	33,7	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2	38,2
≥		34,8	35,4	39,9	39,9	39,9	39,9	39,9	39,9	39,9	39,9	39,9	39,9	39,9	39,9
≥		36,9	37,6	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1	42,1
≥		37,1	38,2	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7	42,7
≥		39,3	40,4	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5
≥		39,3	40,4	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5	45,5
≥		41,0	42,1	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8	47,8
≥		41,0	42,1	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3
≥		41,0	42,1	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3	48,3
≥		42,7	43,8	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
≥		45,5	46,6	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8	52,8
≥		48,9	50,6	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3	57,3
≥		56,7	60,1	71,9	71,9	71,9	71,9	71,9	73,0	73,0	73,0	73,0	73,0	73,0	73,0
≥		61,2	64,6	77,5	77,5	77,5	77,5	77,5	78,7	78,7	78,7	78,7	78,7	78,7	78,7
≥		61,2	64,6	77,5	77,5	77,5	77,5	77,5	78,7	78,7	78,7	78,7	78,7	78,7	78,7
≥		62,9	66,3	79,8	81,5	81,5	81,5	81,5	82,6	82,6	82,6	82,6	82,6	82,6	82,6
≥		62,9	67,4	80,9	83,1	83,1	83,7	83,7	84,8	84,8	84,8	84,8	84,8	84,8	84,8
≥		65,2	70,2	85,4	86,5	86,8	87,3	87,3	92,7	92,7	92,7	92,7	92,7	92,7	92,7
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	95,6	95,6	95,6	95,6	95,6	95,6	95,6
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	96,1	96,1	96,1	96,1	96,1	96,1	96,1
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	96,3	96,3	96,3	96,3	96,3	96,3	96,3
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	96,3	96,3	96,3	96,3	96,3	96,3	96,3
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	94,4	100,0	100,0	100,0	100,0	100,0	100,0
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	94,4	100,0	100,0	100,0	100,0	100,0	100,0
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	94,4	100,0	100,0	100,0	100,0	100,0	100,0
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	94,4	100,0	100,0	100,0	100,0	100,0	100,0
≥		65,2	70,2	86,5	89,9	89,9	90,4	90,4	94,4	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 178

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 22000		38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
		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	45.0	45.0	45.0
≥ 15000		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	45.0	45.0	45.0
≥ 12000		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	45.0	45.0	45.0
≥ 10000		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	45.0	45.0	45.0
≥ 9000		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	45.0	45.0	45.0
≥ 8000		47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000		50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000		53.2	53.2	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 5000		53.2	53.2	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 4500		56.9	56.9	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 4000		62.4	62.4	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
≥ 3500		62.5	62.4	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
≥ 3000		63.3	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 2500		67.9	67.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000		72.5	72.5	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1500		89.9	90.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000		92.7	93.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		92.7	93.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500		92.7	93.6	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		93.7	95.6	98.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300		93.6	95.4	98.2	100.0	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		93.6	95.4	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 150		93.6	95.4	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		93.6	95.4	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50		93.6	95.4	98.2	100.0	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		93.6	95.4	98.2	100.0	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 109

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

	12,0	13,1	18,6	19,1	19,1	20,8	29,5	33,5	30,6	33,9	35,5	37,2	38,3	38,8	38,8	
	12,0	14,8	20,2	20,8	20,8	30,0	25,7	25,7	34,4	37,7	39,3	41,0	42,1	42,6	42,6	
	12,0	14,8	20,2	20,8	20,8	29

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

	21,5	26,9	37,6	38,7	38,7	44,6	46,2	46,8	46,8	46,8	46,8	46,8	46,8	46,8	46,8	
	22,6	28,0	40,9	41,9	41,9	47,3	50,0	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	
	22,6	28,0	40,9	41,9	41,9	47,8	50,0	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	
	22,6	28,0	40,9	41,9	41,9	47,8	50,0	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	
	22,6	28,0	40,9	41,9	41,9	47,8	50,0	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	
	22,6	28,0	40,9	41,9	41,9	47,8	50,0	50,5	50,5	50,5	50,5	50,5	50,5	50,5	50,5	
	23,7	29,8	43,0	44,1	44,1	50,0	52,2	52,7	52,7	52,7	52,7	52,7	52,7	52,7	52,7	
	26,3	32,3	45,7	46,8	46,8	52,7	54,8	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4	
	25,2	32,3	48,4	49,5	49,5	55,4	57,5	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	
	26,2	32,3	48,4	49,5	49,5	55,4	57,5	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	
	26,9	32,9	49,5	51,1	51,1	57,5	60,2	60,8	60,8	60,8	60,8	60,8	60,8	60,8	60,8	
	30,6	38,7	57,0	58,6	58,6	65,1	67,7	68,3	68,3	68,3	68,3	68,3	68,3	68,3	68,3	
	30,6	38,7	57,3	59,1	59,1	65,6	68,3	68,8	68,8	68,8	68,8	68,8	68,8	68,8	68,8	
	32,3	40,3	61,3	62,9	62,9	70,4	73,1	73,7	73,7	73,7	73,7	73,7	73,7	73,7	73,7	
	32,8	40,9	62,4	64,0	64,0	71,0	74,2	74,7	74,7	74,7	74,7	74,7	74,7	74,7	74,7	
	33,3	41,4	63,4	65,1	65,1	72,0	75,3	75,8	75,8	75,8	75,8	75,8	75,8	75,8	75,8	
	36,2	47,3	69,9	71,0	71,0	78,5	81,2	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7	
	39,8	49,5	71,5	74,2	74,2	82,3	86,0	87,1	88,7	88,7	88,7	88,7	88,7	88,7	88,7	
	40,3	50,0	72,0	74,7	74,7	82,8	86,6	87,5	89,2	89,2	89,2	89,2	89,2	89,2	89,2	
	40,3	50,5	73,1	75,8	75,8	84,4	88,2	89,2	90,9	90,9	90,9	90,9	90,9	90,9	90,9	
	40,5	50,5	73,1	75,8	75,8	84,4	88,2	89,2	90,9	91,9	91,9	91,9	91,9	91,9	91,9	
	40,3	50,5	73,1	76,3	76,3	85,0	90,3	91,4	93,0	93,0	93,0	93,0	93,0	93,0	93,0	
	40,3	50,5	73,7	76,9	76,9	86,0	90,7	91,9	94,1	94,1	94,1	94,1	94,1	94,1	94,1	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	94,6	94,6	94,6	94,6	94,6	94,6	94,6	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,2	96,2	96,2	96,2	96,2	96,2	96,2	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,2	96,2	96,2	96,2	96,2	96,2	96,2	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,7	96,8	97,3	97,3	97,3	97,3	97,3	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,7	96,8	97,3	97,3	97,3	97,3	97,3	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,7	97,3	97,8	98,4	98,4	99,5	99,5	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,7	97,3	97,8	98,4	98,4	99,5	100,0	
	40,9	51,1	76,2	77,4	77,4	87,1	91,4	92,5	95,7	97,3	97,8	98,4	98,4	99,5	100,0	

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36199 SIEGENBURG GERMANY GUNNERY RANGE 63-70 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

	29,0	30,0	40,3	40,3	40,3	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4	41,4
	39,2	48,7	51,1	51,1	51,1	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2
	39,2	48,7	51,1	51,1	51,1	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2
	39,2	48,7	51,1	51,1	51,1	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2
	39,2	48,7	51,1	51,1	51,1	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2
	39,2	48,7	51,1	51,1	51,1	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2	52,2
	40,3	47,3	53,2	53,2	53,2	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3	54,3
	41,4	48,4	54,3	54,3	54,3	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4	55,4
	42,5	49,5	55,4	55,4	55,4	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5	56,5
	48,9	50,8	57,0	57,0	57,0	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1
	48,9	50,8	57,0	57,0	57,0	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1	58,1
	46,2	55,9	64,5	64,5	64,5	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6
	46,2	55,9	64,5	64,5	64,5	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6	65,6
	46,2	56,5	66,7	66,7	66,7	69,4	69,4	69,4	69,4	69,4	69,4	69,4	69,4	69,4	69,4	69,4
	46,6	57,0	67,2	67,2	67,2	70,4	70,4	70,4	70,4	70,4	70,4	70,4	70,4	70,4	70,4	70,4
	50,8	60,8	73,1	73,1	73,1	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3
	55,7	67,7	82,6	82,6	82,6	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0
	58,6	70,4	85,5	87,1	87,1	90,3	90,3	90,3	91,4	91,4	91,4	91,4	91,4	91,4	91,4	91,4
	58,6	71,0	86,0	87,6	87,6	90,8	90,8	91,4	91,4	91,9	91,9	91,9	91,9	91,9	91,9	91,9
	59,1	72,6	88,7	90,3	90,3	93,5	94,1	94,1	94,6	94,6	94,6	94,6	94,6	94,6	94,6	94,6
	59,1	73,1	89,8	91,4	91,4	94,6	95,2	95,2	95,7	95,7	95,7	95,7	95,7	95,7	95,7	95,7
	59,1	73,1	89,8	92,5	92,5	95,7	96,2	96,2	96,8	96,8	96,8	96,8	96,8	96,8	96,8	96,8
	59,1	73,1	89,8	92,5	92,5	95,7	96,2	96,2	97,3	97,3	97,3	97,3	97,3	97,3	97,3	97,3
	59,1	73,1	90,3	93,5	93,5	96,8	97,3	97,3	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
	59,1	73,1	90,3	94,1	94,1	97,3	97,8	97,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	59,1	73,1	90,3	94,1	94,1	97,3	97,8	97,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	59,1	73,1	90,3	94,1	94,1	97,3	97,8	97,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	59,1	73,1	90,3	94,1	94,1	97,3	97,8	97,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	59,1	73,1	90,3	94,1	94,1	97,3	97,8	97,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
	59,1	73,1	90,3	94,1	94,1	97,3	97,8	97,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 186

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 SIEGENBURG GERMANY GUNNERY RANGE 06N07O SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1300-1700

44,9	50,0	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5
50,0	56,8	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2
50,0	56,8	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2
50,0	56,8	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2
50,0	56,8	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2	60,2
50,0	57,6	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0
52,5	59,3	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7
55,1	61,9	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
58,5	65,3	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6
58,5	65,3	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6	68,6
61,0	67,8	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2	71,2
62,7	70,3	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6	74,6
65,2	71,2	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4	75,4
66,9	76,3	81,4	81,4	81,4	81,4	81,4	81,4	81,4	81,4	81,4	81,4	81,4	81,4	81,4
67,8	77,1	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2	82,2
69,5	78,8	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6	85,6
72,0	80,1	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5	91,5
72,0	80,1	95,2	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9
72,0	80,1	95,2	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9	96,9
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2	99,2
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0
72,9	80,4	97,5	99,2	99,2	99,2	99,2	99,2	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 118

USAF ETAC [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0600

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 22000	3,1	3,1	4,7	4,7	4,7	4,7	4,7	4,7	6,8	7,3	7,9	8,9	8,9	9,9	9,9		
	4,2	4,2	6,8	6,8	6,8	6,8	7,3	7,3	9,4	9,5	10,5	12,0	12,0	13,1	13,1		
20000	4,2	4,2	6,8	6,8	6,8	6,8	7,3	7,3	9,4	9,9	10,5	12,0	12,0	13,1	13,1		
18000	4,2	4,2	6,8	6,8	6,8	6,8	7,3	7,3	9,4	9,9	10,5	12,0	12,0	13,1	13,1		
16000	4,2	4,2	6,8	6,8	6,8	6,8	7,3	7,3	9,4	9,9	10,5	12,0	12,0	13,1	13,1		
14000	4,2	4,2	6,8	6,8	6,8	6,8	7,3	7,3	9,4	9,9	10,5	12,0	12,0	13,1	13,1		
12000	4,2	4,2	6,8	6,8	6,8	6,8	7,3	7,3	9,4	9,9	10,5	12,0	12,0	13,1	13,1		
10000	4,7	4,7	7,3	7,3	7,3	7,3	7,9	7,9	9,9	10,5	11,0	12,6	12,6	13,6	13,6		
9000	6,3	6,3	8,9	8,9	8,9	9,9	9,9	9,9	12,6	13,6	13,1	14,7	14,7	15,7	15,7		
8000	6,3	6,3	9,4	9,4	9,4	9,9	10,5	10,5	12,6	13,6	13,1	14,7	14,7	15,7	15,7		
7000	6,8	6,8	9,9	10,5	10,5	12,6	13,1	13,1	15,2	15,7	16,2	17,8	17,8	19,4	19,4		
6000	6,8	6,8	9,9	10,5	10,5	12,6	13,1	13,1	15,2	15,7	16,2	17,8	17,8	19,4	19,4		
5000	6,8	6,8	9,9	10,5	10,5	12,6	13,1	13,1	15,2	15,7	16,2	17,8	17,8	19,4	19,4		
4500	7,9	7,9	11,0	11,5	11,5	13,6	14,1	14,1	16,2	16,8	17,3	18,8	18,8	20,4	20,4		
4000	7,9	7,9	11,0	11,5	11,5	14,1	14,7	14,7	16,8	17,3	17,8	19,4	19,4	20,9	20,9		
3500	8,4	8,4	11,5	12,0	12,0	14,7	15,2	15,2	18,3	19,4	19,9	21,5	21,5	23,0	23,0		
3000	12,0	12,6	15,7	16,2	16,2	18,8	19,9	19,9	22,5	23,7	24,2	25,8	25,8	27,4	27,4		
2500	14,1	15,2	19,4	20,4	20,4	24,6	26,7	26,7	32,5	34,0	34,6	36,2	36,2	38,2	38,2		
2000	14,1	15,2	19,4	20,4	20,4	24,6	26,7	26,7	32,5	34,0	34,6	36,2	36,2	38,2	38,2		
1800	15,8	17,9	23,1	24,2	24,2	28,5	30,6	30,6	42,9	44,5	45,0	47,1	47,1	49,2	49,2		
1500	15,8	17,9	23,1	24,2	24,2	28,5	30,6	30,6	42,9	44,5	45,0	47,1	47,1	49,2	49,2		
1400	15,8	17,9	23,1	24,2	24,2	28,5	30,6	30,6	44,0	45,6	46,1	48,2	48,2	50,3	50,3		
1200	15,8	17,9	29,3	31,4	31,4	37,7	39,8	40,8	48,7	51,8	52,4	54,5	54,5	56,5	56,5		
1000	15,8	17,9	30,9	32,5	32,5	39,1	40,8	41,9	49,7	52,9	53,4	55,5	55,5	57,6	57,6		
900	15,8	17,9	30,9	32,5	32,5	39,1	40,8	41,9	49,7	52,9	53,4	55,5	55,5	57,6	57,6		
800	15,8	17,9	30,9	33,0	33,0	39,2	41,4	43,5	51,8	55,0	55,5	57,6	57,6	59,7	59,7		
700	15,8	17,9	30,9	33,0	33,0	39,2	41,4	43,5	51,8	55,0	55,5	57,6	57,6	59,7	59,7		
600	15,8	17,9	30,9	33,0	33,0	39,2	41,4	43,5	51,8	55,1	55,2	61,3	61,3	63,4	63,4		
500	19,4	20,9	31,4	33,5	33,5	40,8	42,9	45,0	55,0	61,8	62,4	65,5	65,5	67,5	71,2		
400	19,4	20,9	31,4	33,5	33,5	40,8	42,9	45,0	55,3	62,8	63,4	66,1	66,6	74,3	78,4		
300	19,4	20,9	31,4	33,5	33,5	40,8	42,9	45,0	55,3	62,9	63,4	67,1	67,6	79,5	82,2		
200	19,4	20,9	31,4	33,5	33,5	40,8	42,9	45,0	55,3	62,4	63,4	67,0	70,2	85,9	90,1		
100	19,4	20,9	31,4	33,5	33,5	40,8	42,9	45,0	55,3	62,4	63,4	67,0	70,2	89,0	94,2		
0	19,4	20,9	31,4	33,5	33,5	40,8	42,9	45,0	55,3	62,4	63,4	67,0	70,2	70,7	82,0	100,0	

TOTAL NUMBER OF OBSERVATIONS 191

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8
NO CEILING		6.2	9.7	9.2	11.3	11.3	12.8	14.4	14.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
22,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
15,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
10,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
9,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
7,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
6,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
5,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
4,500		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
4,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
3,500		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
3,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
2,500		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
2,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
1,800		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
1,500		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
1,200		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
1,000		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
900		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
800		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
700		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
600		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
500		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
400		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
300		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
200		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
100		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0		6.2	9.7	13.3	15.9	15.9	17.9	20.0	20.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1

TOTAL NUMBER OF OBSERVATIONS 193

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3+199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
UNL	16,1	17,7	21,9	24,0	24,0	25,5	27,1	27,1	27,6	28,1	28,1	28,1	28,1	28,1	28,1
≥ 20000	20,8	22,4	27,6	29,7	29,7	31,3	32,8	32,8	33,3	33,9	33,9	33,9	33,9	33,9	33,9
≥ 15000	20,8	22,4	27,6	29,7	29,7	31,3	32,8	32,8	33,3	33,9	33,9	33,9	33,9	33,9	33,9
≥ 9000	20,8	22,4	27,6	29,7	29,7	31,3	32,8	32,8	33,3	33,9	33,9	33,9	33,9	33,9	33,9
≥ 7000	20,8	22,4	27,6	29,7	29,7	31,3	32,8	32,8	33,3	33,9	33,9	33,9	33,9	33,9	33,9
≥ 5000	20,8	22,4	27,6	29,7	29,7	31,3	32,8	32,8	33,3	33,9	33,9	33,9	33,9	33,9	33,9
≥ 4500	23,4	25,0	30,7	33,3	33,3	34,9	36,5	36,5	37,0	37,5	37,5	37,5	37,5	37,5	37,5
≥ 4000	23,4	25,0	30,7	33,3	33,3	35,4	37,0	37,0	37,5	38,0	38,0	38,0	38,0	38,0	38,0
≥ 3500	24,0	25,5	31,8	34,4	34,4	36,5	38,0	38,0	38,5	39,1	39,1	39,1	39,1	39,1	39,1
≥ 3000	24,5	27,6	33,9	36,5	36,5	38,5	40,1	40,1	40,6	41,1	41,1	41,1	41,1	41,1	41,1
≥ 2500	25,0	28,1	34,4	37,0	37,0	39,1	41,1	41,1	41,7	42,2	42,2	42,2	42,2	42,2	42,2
≥ 2000	26,5	29,7	35,9	38,5	38,5	40,6	42,7	42,2	43,8	44,3	44,3	44,3	44,3	44,3	44,3
≥ 1800	26,6	29,7	35,9	38,1	38,1	41,1	44,3	44,8	45,3	45,8	45,8	45,8	45,8	45,8	45,8
≥ 1500	29,7	33,3	39,6	42,2	42,2	45,3	48,4	49,0	49,5	50,0	50,0	50,0	50,0	50,0	50,0
≥ 1200	29,7	33,3	40,1	42,8	42,8	46,9	50,0	50,5	51,0	51,6	51,6	51,6	51,6	51,6	51,6
≥ 1000	31,8	35,4	42,2	45,8	45,8	49,0	52,1	52,6	53,1	53,6	53,6	53,6	53,6	53,6	53,6
≥ 900	34,9	38,5	46,9	51,0	51,0	54,7	58,3	58,9	59,4	59,9	59,9	59,9	59,9	59,9	59,9
≥ 800	40,1	44,3	52,6	57,3	57,3	60,9	64,6	65,1	65,6	66,1	66,1	66,1	66,1	66,1	66,1
≥ 700	40,1	44,3	52,6	57,3	57,3	60,9	64,6	65,1	65,6	66,1	66,1	66,1	66,1	66,1	66,1
≥ 600	42,2	46,4	56,3	62,5	62,5	66,7	70,3	70,8	71,9	72,4	72,4	72,4	72,4	72,4	72,4
≥ 500	43,2	47,9	57,8	64,1	64,1	68,2	71,9	72,4	74,0	74,5	74,5	74,5	74,5	74,5	74,5
≥ 400	43,8	48,4	59,9	69,8	69,8	74,0	77,6	78,1	82,3	82,8	82,8	82,8	82,8	82,8	82,8
≥ 300	43,8	48,4	59,9	69,8	69,8	74,0	77,6	78,1	82,3	82,8	82,8	82,8	82,8	82,8	82,8
≥ 200	43,8	48,4	59,9	69,8	69,8	74,0	77,6	78,1	82,3	83,3	83,3	83,3	83,3	83,3	83,3
≥ 100	43,8	48,4	59,9	69,8	69,8	74,0	77,6	78,1	82,3	83,3	83,3	83,3	83,3	83,3	83,3
≥ 0	43,8	48,4	59,9	69,8	69,8	74,0	77,6	78,1	82,3	83,3	83,3	83,3	83,3	83,3	83,3
≥ 700	43,8	48,4	59,9	69,8	69,8	74,0	77,6	78,1	82,3	83,3	83,3	83,3	83,3	83,3	83,3
≥ 600	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	84,9	85,4	85,4	85,4	85,4	85,4	85,4
≥ 500	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	84,9	85,4	85,4	85,4	85,4	85,4	85,4
≥ 400	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	87,5	90,6	90,6	90,6	90,6	90,6	90,6
≥ 300	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	87,5	94,3	94,8	95,8	95,8	96,4	96,4
≥ 200	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	87,5	95,3	95,8	96,9	96,9	97,9	97,9
≥ 100	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	87,5	95,3	95,8	96,9	96,9	98,4	98,4
≥ 50	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	87,5	95,3	95,8	96,9	96,9	98,4	100,0
≥ 0	44,8	49,5	60,9	70,8	70,8	75,0	78,6	79,7	87,5	95,3	95,8	96,9	96,9	98,4	100,0

TOTAL NUMBER OF OBSERVATIONS 192

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 66-70 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
	30.2	31.3	38.5	40.6	40.6	42.7	46.9	46.9	46.9	49.9	46.9	46.9	46.9	46.9	46.9
	36.5	38.5	47.9	50.0	50.1	52.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	36.5	38.5	47.9	50.0	50.1	52.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	36.5	38.5	47.9	50.0	50.0	52.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	36.5	38.5	47.9	50.0	50.0	52.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	36.5	38.5	47.9	50.0	50.0	52.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	40.6	42.7	54.2	56.3	56.3	58.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
	40.6	42.7	54.2	56.3	56.3	58.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
	41.7	43.8	55.2	57.3	57.3	59.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
	44.8	47.9	59.4	61.5	61.5	63.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
	46.9	50.0	62.5	64.6	64.6	66.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
	46.9	51.0	63.5	65.6	65.6	67.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	46.9	51.0	63.5	65.6	65.6	67.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	49.0	53.1	66.6	67.7	67.7	69.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	49.0	53.1	66.6	67.7	67.7	69.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	50.0	54.2	66.7	66.8	66.8	70.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	55.2	59.4	74.0	75.0	75.0	79.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	58.3	62.5	79.2	81.3	81.3	83.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	59.4	63.5	81.3	83.3	83.3	85.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	59.4	63.5	81.3	84.4	84.4	86.5	90.6	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	59.4	63.5	82.3	85.4	85.4	87.5	91.7	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	60.4	65.6	84.4	87.5	87.5	89.6	93.8	93.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	60.4	65.6	84.4	87.5	87.5	89.6	93.8	93.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	60.4	65.6	84.4	87.5	87.5	89.6	94.8	94.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	60.4	65.6	84.4	87.5	87.5	89.6	94.8	94.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	100.0	100.0	100.0	100.0	100.0	100.0
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	100.0	100.0	100.0	100.0	100.0	100.0
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	100.0	100.0	100.0	100.0	100.0	100.0
	60.4	65.6	84.4	87.5	87.5	89.6	95.8	95.8	97.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 96

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
NO	NO	5,9	5,9	7,6	7,6	7,6	10,1	10,1	10,1	10,9	13,4	13,4	13,4	13,4	13,4	14,3
		5,9	5,9	7,6	7,6	7,6	10,1	10,1	10,1	10,9	13,4	13,4	13,4	13,4	13,4	14,3
		5,9	5,9	7,6	7,6	7,6	10,1	10,1	10,1	10,9	13,4	13,4	13,4	13,4	13,4	14,3
		5,9	5,9	7,6	7,6	7,6	10,1	10,1	10,1	10,9	13,4	13,4	13,4	13,4	13,4	14,3
		5,9	5,9	7,6	7,6	7,6	10,1	10,1	10,1	10,9	13,4	13,4	13,4	13,4	13,4	14,3
		5,9	5,9	7,6	7,6	7,6	10,1	10,1	10,1	10,9	13,4	13,4	13,4	13,4	13,4	14,3
		7,6	7,6	9,2	9,2	9,2	11,8	11,8	11,8	12,6	15,1	15,1	15,1	15,1	15,1	16,0
		8,4	9,2	10,9	10,9	10,9	13,4	13,4	13,4	14,3	16,8	16,8	16,8	16,8	16,8	17,6
		8,4	9,2	10,9	10,9	10,9	13,4	13,4	13,4	14,3	16,8	16,8	16,8	16,8	16,8	17,6
		8,4	9,2	10,9	10,9	10,9	13,4	13,4	13,4	14,3	16,8	16,8	16,8	16,8	16,8	17,6
		8,4	9,2	10,9	10,9	10,9	13,4	13,4	13,4	14,3	16,8	16,8	16,8	16,8	16,8	17,6
		15,1	16,0	17,6	17,6	17,6	20,2	20,2	20,2	21,0	23,5	23,5	23,5	23,5	23,5	24,4
		15,1	16,0	17,6	17,6	17,6	20,2	20,2	20,2	21,0	23,5	23,5	23,5	23,5	23,5	24,4
		16,8	17,6	19,3	19,3	19,3	21,8	21,8	21,8	22,7	25,2	25,2	25,2	25,2	25,2	26,1
		17,6	18,5	20,2	20,2	20,2	22,7	22,7	22,7	23,5	26,1	26,1	26,1	26,1	26,1	26,9
		17,6	18,5	20,2	20,2	20,2	22,7	22,7	22,7	23,5	26,1	26,1	26,1	26,1	26,1	26,9
		20,2	23,5	26,1	26,1	26,1	29,4	29,4	29,4	30,3	32,8	32,8	32,8	32,8	32,8	33,6
		30,3	34,5	40,3	40,3	40,3	43,7	43,7	43,7	44,5	47,1	47,1	47,1	47,1	47,1	47,9
		32,8	36,7	44,5	44,5	44,5	47,9	47,9	47,9	48,7	51,3	51,3	51,3	51,3	51,3	52,1
		37,8	48,4	52,9	52,9	52,9	58,8	58,8	58,8	59,7	62,2	62,2	62,2	62,2	62,2	63,0
		41,2	48,7	56,3	58,0	58,0	64,7	64,7	64,7	65,5	68,1	68,1	68,1	68,1	68,1	68,9
		41,2	48,7	56,3	58,8	58,8	65,5	66,4	66,4	69,7	72,3	72,3	72,3	72,3	72,3	73,1
		42,0	49,6	57,1	59,7	59,7	66,4	67,2	67,2	70,6	73,1	73,1	73,1	73,1	73,1	73,9
		42,9	50,4	58,0	60,5	60,5	67,2	68,9	68,9	72,3	74,8	75,6	75,6	77,3	77,3	78,2
		42,7	50,4	58,0	60,5	60,5	67,2	68,9	68,9	72,3	74,8	75,6	75,6	77,3	77,3	78,2
		46,5	52,1	59,7	62,2	62,2	69,7	72,3	72,3	75,6	78,2	79,0	79,0	80,7	80,7	81,5
		46,2	53,8	61,3	63,9	63,9	73,1	76,5	76,5	80,7	84,9	85,7	85,7	87,4	87,4	88,2
		46,2	53,8	61,3	63,9	63,9	73,1	76,5	76,5	80,7	84,9	85,7	85,7	87,4	87,4	88,2
		46,2	53,8	61,3	63,9	63,9	73,1	76,5	76,5	80,7	84,9	85,7	85,7	87,4	87,4	88,2
		46,2	53,8	61,3	63,9	63,9	73,1	76,5	76,5	81,5	86,6	87,4	87,4	89,1	89,1	91,6
		46,2	53,8	61,3	63,9	63,9	73,1	76,5	76,5	81,5	86,6	87,4	87,4	92,4	92,4	99,2
		46,2	53,8	61,3	63,9	63,9	73,1	76,5	76,5	81,5	86,6	87,4	87,4	93,3	93,3	100,0

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

VISIBILITY STATUTE MILES

CEILING FEET	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 3½	≥ 4	≥ 5
	9,9	12,4	14,0	14,0	14,0	14,0	14,9	14,9	17,4	18,2	18,2	18,2	18,2	18,2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
	13,9	13,9	13,9	15,7	15,7	16,5	16,5	16,5	16,5	16,5	16,5	16,5	16,5
	14,8	14,8	14,8	16,5	16,5	17,4	17,4	17,4	17,4	17,4	17,4	17,4	17,4
	14,8	14,8	14,8	16,5	16,5	17,4	17,4	17,4	17,4	17,4	17,4	17,4	17,4
	14,8	14,8	14,8	16,5	16,5	17,4	17,4	17,4	17,4	17,4	17,4	17,4	17,4
	14,8	14,8	14,8	16,5	16,5	17,4	17,4	17,4	17,4	17,4	17,4	17,4	17,4
	14,8	14,8	14,8	16,5	16,5	17,4	17,4	17,4	17,4	17,4	17,4	17,4	17,4
	15,7	15,7	15,7	18,3	18,3	19,1	19,1	19,1	19,1	19,1	19,1	19,1	19,1
	16,5	16,5	16,5	19,1	19,1	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
	18,3	18,3	18,3	20,9	20,9	21,7	21,7	21,7	21,7	21,7	21,7	21,7	21,7
	18,3	18,3	18,3	20,9	20,9	21,7	21,7	21,7	21,7	21,7	21,7	21,7	21,7
	19,1	19,1	19,1	21,7	21,7	22,6	22,6	22,6	22,6	22,6	22,6	22,6	22,6
	23,5	23,5	23,2	27,3	27,8	28,7	28,7	28,7	28,7	28,7	28,7	28,7	28,7
	23,5	23,5	23,2	27,8	27,8	28,7	28,7	28,7	28,7	28,7	28,7	28,7	28,7
	25,2	26,1	28,7	31,3	31,3	32,2	32,2	32,2	32,2	32,2	32,2	32,2	32,2
	27,0	27,5	30,4	33,0	33,0	33,9	33,9	33,9	33,9	33,9	33,9	33,9	33,9
	30,4	31,3	33,9	36,5	36,5	37,4	37,4	37,4	37,4	37,4	37,4	37,4	37,4
	39,0	39,5	38,3	40,9	40,9	41,7	41,7	41,7	41,7	41,7	41,7	41,7	41,7
	41,7	45,2	52,0	55,7	55,7	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4
	41,7	45,2	53,0	55,7	55,7	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4
	43,2	48,7	59,1	61,7	61,7	63,5	63,5	63,5	54,3	64,3	64,3	64,3	64,3
	45,2	48,7	61,7	67,8	67,8	69,6	71,3	71,3	72,2	72,2	72,2	72,2	72,2
	46,1	49,6	62,6	69,6	69,6	71,3	73,9	73,9	74,8	74,8	74,8	74,8	74,8
	46,1	49,6	62,6	69,6	69,6	73,9	73,9	73,9	74,8	74,8	74,8	74,8	74,8
	46,1	49,6	68,5	73,0	73,0	76,5	77,4	77,4	78,3	80,0	80,9	80,9	80,9
	45,1	49,6	63,5	73,0	73,0	76,5	77,4	77,4	80,0	81,7	82,6	82,6	82,6
	46,1	49,6	68,5	73,0	73,0	74,8	80,0	80,0	80,9	82,6	83,5	83,5	83,5
	46,1	49,6	68,5	73,0	73,0	73,9	80,0	80,0	82,6	83,1	87,8	87,8	87,8
	46,1	49,6	68,5	73,0	73,0	76,8	80,9	83,5	87,0	89,6	91,3	91,3	91,3
	46,1	49,6	68,5	73,0	73,0	76,8	80,9	83,5	87,8	90,9	92,2	92,2	92,2
	46,1	49,6	68,5	73,0	73,0	74,8	80,9	83,5	91,3	95,7	97,4	97,4	98,3
	46,1	49,6	68,5	73,0	73,0	74,8	80,9	83,5	91,3	95,7	97,4	97,4	99,1100,0
	46,1	49,6	68,5	73,0	73,0	74,8	80,9	83,5	91,3	95,7	97,4	97,4	99,1100,0

TOTAL NUMBER OF OBSERVATIONS 115

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

NOV

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

		25.5	26.5	28.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
		28.6	28.6	30.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
		28.6	28.6	30.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
		28.6	28.6	30.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
		28.6	28.6	30.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
		32.7	32.7	34.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
		36.7	36.7	38.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
		40.8	40.8	42.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
		44.9	44.9	46.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
		44.9	44.9	46.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
		44.9	44.9	46.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
		51.0	51.0	55.1	57.1	57.1	57.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
		51.0	51.0	55.1	57.1	57.1	57.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
		55.1	55.1	59.2	61.2	61.2	61.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
		57.1	57.1	61.2	63.3	63.3	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
		61.2	61.2	65.3	67.3	67.3	67.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
		65.3	65.3	67.3	69.4	69.4	69.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
		75.5	75.5	81.6	83.7	83.7	83.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
		75.5	75.5	81.6	83.7	83.7	83.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
		75.5	75.5	85.7	87.8	87.8	89.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
		75.5	75.5	85.7	87.8	87.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
		75.5	75.5	85.7	87.8	87.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
		75.5	75.5	85.7	87.8	87.8	91.8	93.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	95.9	98.0	98.0	98.0	98.0	98.0	98.0
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		75.5	75.5	85.7	87.8	87.8	91.8	95.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

7.1	7.9	15.7	16.4	16.4	16.4	16.4	16.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
8.6	9.3	17.1	17.9	17.9	17.9	17.9	17.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
9.3	10.0	18.6	19.3	19.3	19.3	19.3	19.3	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
9.3	10.0	18.6	19.3	19.3	19.3	19.3	19.3	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
9.3	10.0	18.6	19.3	19.3	19.3	19.3	19.3	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
15.6	16.3	23.9	24.6	25.6	25.6	25.6	25.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
13.6	14.3	23.9	25.6	25.6	25.6	25.6	25.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
16.4	17.1	25.7	26.4	26.4	26.4	26.4	26.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
16.4	17.1	25.7	26.4	26.4	26.4	26.4	26.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
18.6	19.3	29.3	30.0	30.0	30.0	30.0	30.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
19.3	20.0	30.0	30.7	30.7	31.4	31.4	31.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
20.0	22.1	32.1	32.9	32.9	34.3	34.3	34.3	41.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1
22.9	25.0	35.0	35.7	35.7	37.1	37.1	37.1	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7
25.0	28.6	39.3	40.0	40.0	42.1	42.9	42.9	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
26.4	30.7	42.1	42.9	42.9	45.0	47.1	47.1	56.9	58.7	57.1	57.1	57.1	57.1	57.1	57.1
26.4	30.7	45.7	46.4	46.4	50.0	52.1	52.1	61.9	63.9	64.3	64.3	64.3	64.3	64.3	64.3
26.4	30.7	45.7	46.4	46.4	50.0	52.1	52.9	62.1	63.9	65.0	65.0	65.0	65.0	65.0	65.0
26.4	30.7	45.7	46.4	46.4	50.0	54.3	55.0	64.3	67.9	69.3	69.3	69.3	69.3	69.3	69.3
26.4	30.7	45.7	46.4	46.4	50.7	54.3	55.0	64.3	67.9	69.3	69.3	69.3	69.3	69.3	69.3
26.4	30.7	47.1	47.9	47.9	52.1	57.9	58.6	68.6	72.9	75.0	75.0	75.0	75.0	75.0	75.0
26.4	30.7	47.1	47.9	47.9	52.1	57.9	58.6	68.6	72.9	75.0	75.0	75.0	75.0	75.0	75.0
26.4	30.7	47.1	47.9	47.9	52.1	57.9	58.6	72.9	78.6	80.7	80.7	80.7	80.7	80.7	80.7
26.4	30.7	47.1	47.9	47.9	52.1	57.9	58.6	75.0	81.4	85.7	85.7	85.7	85.7	85.7	85.7
27.9	32.1	48.6	49.3	49.3	53.6	59.3	60.0	77.1	83.7	92.1	92.1	92.1	92.1	92.1	92.1
27.9	32.1	48.6	49.3	49.3	53.6	59.3	60.0	77.1	87.1	95.7	97.9	99.3	99.3	99.3	99.3
27.9	32.1	48.6	49.3	49.3	53.6	59.3	60.0	77.1	87.1	96.4	98.6	100.0	100.0	100.0	100.0
27.9	32.1	48.6	49.3	49.3	53.6	59.3	60.0	77.1	87.1	96.4	98.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 140

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34194 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

1,5	3,0	8,9	12,6	12,6	14,1	14,8	14,8	20,7	20,7	20,7	20,7	20,7	20,7	20,7

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

	5,9	10,1	16,8	17,3	19,3	20,2	20,2	20,2	25,2	25,2	25,2	25,2	25,2	25,2	25,2
	6,7	10,9	17,6	20,2	20,2	21,0	21,0	21,0	26,1	26,1	26,1	26,1	26,1	26,1	26,1
	5,7	10,9	17,6	20,2	20,2	21,0	21,0	21,0	26,1	26,1	26,1	26,1	26,1	26,1	26,1
	6,7	10,9	17,6	20,2	20,2	21,0	21,0	21,0	26,1	26,1	26,1	26,1	26,1	26,1	26,1
	5,7	10,9	17,6	20,2	20,2	21,0	21,0	21,0	26,1	26,1	26,1	26,1	26,1	26,1	26,1
	6,7	10,9	17,6	20,2	20,2	21,0	21,0	21,0	26,1	26,1	26,1	26,1	26,1	26,1	26,1
	6,7	10,9	17,6	20,2	20,2	21,0	21,0	21,0	26,1	26,1	26,1	26,1	26,1	26,1	26,1
	7,6	11,8	18,5	21,0	21,0	21,8	21,8	21,8	26,9	26,9	26,9	26,9	26,9	26,9	26,9
	10,9	15,1	21,8	24,4	24,4	25,2	25,2	25,2	32,8	32,8	32,8	32,8	32,8	32,8	32,8
	10,9	15,1	21,8	24,4	24,4	25,2	25,2	25,2	32,8	32,8	32,8	32,8	32,8	32,8	32,8
	13,8	17,9	26,4	26,9	26,9	27,7	27,7	27,7	35,3	35,3	35,3	35,3	35,3	35,3	35,3
	14,3	18,5	26,9	29,4	29,4	30,3	30,3	30,3	37,8	37,8	37,8	37,8	37,8	37,8	37,8
	14,3	18,5	26,9	29,4	29,4	30,3	30,3	30,3	37,8	37,8	37,8	37,8	37,8	37,8	37,8
	16,0	20,2	28,6	31,1	31,1	31,9	31,9	31,9	39,5	39,5	39,5	39,5	39,5	39,5	39,5
	17,6	21,8	30,3	32,8	32,8	33,6	33,6	33,6	41,2	41,2	41,2	41,2	41,2	41,2	41,2
	17,6	21,8	31,9	34,5	34,5	35,3	35,3	35,3	42,9	42,9	42,9	42,9	42,9	42,9	42,9
	17,6	21,8	31,9	36,5	36,5	37,0	37,0	37,0	44,5	44,5	44,5	44,5	44,5	44,5	44,5
	20,2	24,4	34,5	37,0	37,0	39,5	39,5	39,5	48,7	48,7	48,7	48,7	48,7	48,7	48,7
	20,2	24,4	34,5	37,0	37,0	39,5	39,5	39,5	48,7	48,7	48,7	48,7	48,7	48,7	48,7
	22,7	27,7	39,5	42,0	42,0	44,5	44,5	44,5	53,8	53,8	53,8	53,8	53,8	53,8	53,8
	22,7	27,7	43,0	46,5	46,5	47,1	47,1	47,1	59,0	63,0	63,0	63,0	63,0	63,0	63,0
	25,2	30,3	44,5	47,1	47,1	49,6	49,6	49,6	65,5	65,5	65,5	65,5	65,5	65,5	65,5
	25,2	30,3	44,5	47,1	47,1	49,6	50,4	50,4	67,2	67,2	67,2	67,2	67,2	67,2	67,2
	25,2	30,3	44,5	47,1	47,1	49,6	50,4	50,4	68,1	68,9	68,9	68,9	68,9	68,9	68,9
	25,2	30,3	44,5	47,1	47,1	49,6	50,4	50,4	68,1	69,7	70,6	70,6	70,6	70,6	70,6
	25,2	30,3	44,5	47,1	47,1	49,6	50,4	52,9	72,3	74,8	75,6	75,6	75,6	75,6	75,6
	25,2	30,3	44,5	47,1	47,1	49,6	52,1	54,6	77,5	84,7	85,7	85,7	85,7	85,7	85,7
	25,2	30,3	44,5	47,1	47,1	49,6	52,1	54,6	82,4	91,6	92,4	92,4	92,4	92,4	92,4
	25,2	30,3	44,5	47,1	47,1	49,6	52,1	54,6	86,6	98,3	100,0	100,0	100,0	100,0	100,0
	25,2	30,3	44,5	47,1	47,1	49,6	52,1	54,6	86,6	98,3	100,0	100,0	100,0	100,0	100,0
	25,2	30,3	44,5	47,1	47,1	49,6	52,1	54,6	86,6	98,3	100,0	100,0	100,0	100,0	100,0
	25,2	30,3	44,5	47,1	47,1	49,6	52,1	54,6	86,6	98,3	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	26,1	30,4	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	39,1	
	34,8	39,1	47,8	47,8	47,8	47,8	47,8	47,8	52,2	52,2	52,2	52,2	52,2	52,2	52,2	
	34,8	39,1	47,8	47,8	47,8	47,8	47,8	47,8	52,2	52,2	52,2	52,2	52,2	52,2	52,2	
	39,1	43,5	52,2	52,2	52,2	52,2	52,2	52,2	56,5	56,5	56,5	56,5	56,5	56,5	56,5	
	47,8	52,2	60,9	65,2	65,2	65,2	65,2	65,2	69,6	69,6	69,6	69,6	69,6	69,6	69,6	
	47,8	52,2	69,6	69,6	69,6	69,6	69,6	69,6	73,9	73,9	73,9	73,9	73,9	73,9	73,9	
	56,5	60,9	78,3	78,3	78,3	78,3	78,3	78,3	82,6	82,6	82,6	82,6	82,6	82,6	82,6	
	56,5	60,9	78,3	78,3	78,3	78,3	78,3	78,3	87,0	82,6	82,6	82,6	82,6	82,6	82,6	
	56,5	60,9	78,3	78,3	78,3	78,3	78,3	78,3	87,0	82,6	82,6	82,6	82,6	82,6	82,6	
	56,5	60,9	78,3	78,3	78,3	78,3	78,3	78,3	82,6	82,6	82,6	82,6	82,6	82,6	82,6	
	56,5	60,9	78,3	78,3	78,3	78,3	78,3	78,3	82,6	82,6	82,6	82,6	82,6	82,6	82,6	
	56,5	60,9	78,3	78,3	78,3	78,3	78,3	78,3	82,6	82,6	82,6	82,6	82,6	82,6	82,6	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	91,3	91,3	91,3	91,3	91,3	91,3	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	95,7	95,7	95,7	95,7	95,7	95,7	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	91,3	95,7	95,7	95,7	95,7	95,7	95,7	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	95,7	100,0	100,0	100,0	100,0	100,0	100,0	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	95,7	100,0	100,0	100,0	100,0	100,0	100,0	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	95,7	100,0	100,0	100,0	100,0	100,0	100,0	
	56,5	60,9	78,3	87,0	87,0	87,0	87,0	87,0	95,7	100,0	100,0	100,0	100,0	100,0	100,0	

TOTAL NUMBER OF OBSERVATIONS 23

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

39199 SIEGENBURG GERMANY GUNNERY RANGE 48-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

JAN	ALL	1.3		2.4	7.3	4.4	1.6	4.2	10.5	0.6	5.8	376
FEB		1.9	4.0	1.2	2.1	5.4	0.1	12.0	6.4	51.4	8.5	385
MAR		13.1	1.4	.7	2.9	3.1	2.0	9.4	7.5	60.0	7.8	427
APR		19.4	.1	.9	1.8	1.0	2.5	11.3	17.7	48.2	7.3	498
MAY		4.3	.6	2.7	10.0	10.4	10.3	21.1	13.7	27.0	7.3	512
JUN		8.5	1.3	3.2	14.4	6.8	9.8	15.3	16.8	20.8	6.7	606
JUL		25.4	5.1	2.6	4.9	5.5	6.4	8.7	11.0	27.6	5.6	707
AUG		8.1	2.9	4.9	7.4	10.4	13.0	12.3	9.1	32.8	6.8	667
SEP		14.6	4.2	7.0	7.6	9.5	6.3	13.8	10.6	20.3	6.1	671
OCT		9.7	1.9	2.6	3.8	3.9	0.5	12.1	8.7	51.3	7.7	673
NOV		3.4	3.8	0.6	2.3	5.0	2.2	7.3	8.9	64.7	8.4	421
DEC		17.0	.5	1.6	2.9	1.9	1.7	8.1	3.6	60.2	7.3	413
	TOTAL	10.6	2.2	2.9	5.7	5.6	5.9	11.5	10.2	45.6	7.4	6314

DATA PROCESSING DIVISION
8TAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
JAN	00-02												
	03-05												
	06-08	4.4		2.0	1.8	4.4	1.8		7.0	6.1	71.9	8.8	114
	09-11	.9		.9	2.7	3.6	2.7		7.1	9.8	72.3	9.2	112
	12-14			.9	7.3	4.5	.9		8.2	13.6	64.5	8.9	110
	15-17			5.0	17.5	5.0			2.5	12.5	57.5	8.2	40
	18-20												
	21-23												
TOTALS		1.3		2.4	7.3	4.4	1.4		6.2	10.5	66.6	8.8	376

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (PERIOD) FEB (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	
FEB	00-02												
	03-05												
	06-08	4.5	2.7			1.8	3.6	3.6		10.8	5.4	67.6	8.6	111
	09-11	1.8	2.7			2.7	11.7	.9		7.2	8.1	64.9	8.6	111
	12-14		2.7		2.7	1.8	4.5	4.5		14.4	8.1	61.3	8.7	111
	15-17		7.7		1.9	1.9	1.9	15.4		15.4	3.8	51.9	8.0	52
	18-20												
	21-23												
TOTALS		1.6	4.0		1.2	2.1	5.4	6.1		12.0	6.4	61.4	8.5	385

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

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
MAR	00-02													
	03-05													
	06-08	6.7			1.7		1.7	.8		8.4	9.2	71.4	8.8	119
	09-11	12.6	2.5			2.5	4.2	3.4		5.9	5.9	63.0	7.8	119
	12-14	13.8	1.7		.9	3.4	5.2	.9		9.5	6.9	57.8	7.6	116
	15-17	19.2	1.4			5.5	1.4	2.7		13.7	8.2	47.9	7.1	73
	18-20													
	21-23													
TOTALS		13.1	1.4		.7	2.9	3.1	2.0		9.4	7.6	60.0	7.9	427

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR
STATION STATION NAME PER CC 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
							6	8	9	C		
APR	00-02											
	03-05											
	06-08	0.7	.7		1.5	4.4	3.7	1.5	7.4	7.4	66.7	8.4	135
	09-11	0.7			1.5	3.0	1.5	4.5	10.4	14.2	58.2	8.4	134
	12-14	0.5			1.4	1.4		2.9	13.8	8.0	65.9	8.7	138
	15-17	10.2						3.4	25.0	11.4	50.0	8.2	88
	18-20	66.7								33.3		2.0	3
	21-23												
TOTALS		19.4	.1		.9	1.8	1.0	2.5	11.3	14.9	48.2	7.8	498

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94199 STATION SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 68-70 PERIOD MAY 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		
MAY	00-02												
	03-05												
	06-08	12.6	2.2		5.2	9.6	2.2	2.2		11.9	5.2	48.9	7.1	135
	09-11	5.2	.7		7.5	11.2	7.5	5.2		9.7	15.7	37.3	7.3	134
	12-14	2.2			.7	8.2	13.4	10.4		16.7	14.9	31.3	7.6	134
	15-17					5.9	14.7	19.6		22.5	18.6	17.6	7.4	102
	18-20					14.3	14.3	14.3		42.9	14.3		6.9	7
	21-23													
	TOTALS	4.0	.6		2.7	10.0	10.4	10.3		21.1	13.7	27.0	7.3	512

USAF ETAC FORM JUL 64 0 9 5 1 OLD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 PER CO JUN
STATION STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
JUN	00-02													
	03-05					40.0				40.0	20.0		6.6	5
	06-08	24.4	3.7		3.7	3.7	4.9	6.7		7.3	14.6	31.1	6.0	164
	09-11	18.9	.6		4.8	9.0	9.0	9.6		11.4	10.8	30.7	6.5	166
	12-14	2.5	1.2		3.1	7.4	11.7	13.6		17.9	17.3	25.9	7.3	162
	15-17	1.8	.9		4.6	11.9	8.3	19.3		15.6	21.1	16.5	7.0	109
	18-20													
	21-23													
TOTALS		8.5	1.3		3.2	14.4	6.3	9.8		18.3	16.8	20.8	5.7	606

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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
JUL	00-02												
	03-05												
	06-08	28.2	9.7	3.2	3.2	4.9	3.7	6.4	7.4	39.4	5.8		189
	09-11	29.9	5.2	3.6	1.5	6.2	4.1	9.3	7.7	32.0	5.5		194
	12-14	21.1	4.7	4.7	5.3	4.2	11.1	10.0	10.3	28.6	5.6		190
	15-17	22.2	6.7	3.0	9.6	6.7	14.8	8.1	12.6	10.3	5.2		135
	18-20												
	21-23												
TOTALS		25.4	5.1	3.6	6.9	5.8	8.4	8.4	11.0	27.6	5.6		707

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 STATION SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 69-70 YEARS 4.0 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY (TENTHS OF TOTAL SKY COVER)									MEAN (TENTHS OF SKY COVER)	TOTAL NO OF OBS
AUG	00-02											
	03-05											
	06-08	8.9	2.8	3.4	5.0	7.8	6.1	9.5	8.4	48.0	7.4	179
	09-11	13.8	3.9	3.9	6.6	6.6	7.2	12.7	4.4	40.9	6.7	181
	12-14	6.7	2.2	5.1	9.6	9.6	17.4	11.2	10.7	27.5	6.7	178
	15-17	2.8	2.8	4.6	8.3	17.4	21.1	15.6	12.8	14.7	6.5	109
	18-20											
	21-23											
TOTALS		8.1	2.9	4.3	7.4	10.4	13.0	12.3	9.1	32.8	6.8	647

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 SEP

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
SEP	00-02											
	03-05											
	06-08	11.5	2.2	7.1	4.4	8.7	6.0	13.7	8.2	38.3	6.9	163
	09-11	23.1	3.2	6.5	7.0	5.4	5.9	11.3	13.4	24.2	5.7	186
	12-14	12.5	7.1	3.3	9.8	8.2	8.2	17.4	11.4	22.3	6.1	184
	15-17	11.9	4.2	11.0	9.3	16.1	5.1	12.7	9.3	20.3	5.7	118
	18-20											
	21-23											
TOTALS		14.8	4.2	7.0	7.6	9.6	6.3	13.8	10.6	26.3	6.1	671

USAF ETAC FORM 0-9-5 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	NO. OF OBS
		0	1	2	3	4	5	6	7	8		
OCT	00-02											
	03-05	1.1	2.6	1.6	3.2	1.1	2.1	5.8	5.8	76.8	9.0	190
	06-08	9.7	3.1	.5	.5	2.6	4.6	11.8	9.2	61.0	8.3	195
	09-11	12.0	.5	2.1	4.2	5.7	8.9	13.0	9.4	44.3	7.4	192
	12-14	18.6		6.3	7.3	6.3	10.4	17.7	10.4	22.9	6.1	96
	15-17											
	18-20											
	21-23											
TOTALS		9.7	1..	2.6	3.8	3.9	6.5	12.1	8.7	51.3	7.7	673

USAF ETAC FORM 0-5 OL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
NOV	00-02											
	03-05											
	06-08	.9		3.4	.9	5.2	4.3	3.4	6.0	75.9	9.1	116
	09-11	4.1	.8	6.6	2.5	4.1		3.3	10.7	67.8	8.5	121
	12-14	2.6	6.1	3.5	1.7	2.6	2.6	6.1	6.7	66.1	8.6	115
	15-17	6.1	8.2	4.1	4.1	8.2	2.0	5.2	10.2	49.0	7.4	49
	18-20											
	21-23											
TOTALS		3.4	3.8	4.4	2.3	5.0	2.2	5.3	8.9	64.7	8.4	401

USAF ETAC FORM 0 9 5 OL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

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		
DEC	00-02											
	03-05											
	06-08	13.6	1.4		2.1	2.9	2.1	4.3	2.1	71.0	8.1	140
	09-11	12.8		2.3	1.5	2.3	4.5	6.0	3.8	66.9	8.0	133
	12-14	13.4	1.7	4.2	3.4	2.5		9.2	4.2	61.3	7.7	119
	15-17	30.4			8.7			13.0	4.3	43.5	6.1	23
	18-20											
	21-23											
TOTALS		17.6	.8	1.6	3.9	1.9	1.7	8.1	3.6	60.8	7.5	415

PART E PSYCHROMETRIC SUMMARIES

DATA NOT AVAILABLE

DATA NOT AVAILABLE

DATA NOT AVAILABLE

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 extreme left of the forms. These consist of the sum of the (ΣA^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σ_X). 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 the range of dry-bulb, wet-bulb, and dew-point temperatures, the 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 data was not reported prior to 1949. Relative humidity, usually was not reported prior to 1949, nor subsequent to June 1959; 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 extreme deviations - These tabulations are derived from hourly observations and present the mean, extreme 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION NUMBER SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 68-70 YEARS ALL MONTHS

PAGE 1 ALL

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	32	Dry Bulb	Wet Bulb	Dew Point	
94/ 93														.0										3	3		
90/ 89											.0	.0	.0	.1										10	10		
88/ 87												.1		.0										8	8		
86/ 85										.0	.3	.0	.2	.0										37	37		
84/ 83								.0	.2	.2	.3	.3	.2	.1										58	58		
82/ 81								.1	.2	.2	.3	.4	.2											73	73		
80/ 79							.1	.1	.1	.2	.2	.2	.1											71	71		
78/ 77					.0	.1	.2	.6	.9	.3	.2	.0												1	139		
76/ 75					.0	.2	.3	.9	.3	.2	.0													127	127	5	
74/ 73					.1	.3	.3	.8	.5	.1														139	139	17	
72/ 71				.0	.2	.4	.3	.4	.3	.1	.1													116	116	42	
70/ 69			.0	.2	.2	.6	.5	.4	.1	.0														149	149	57	
68/ 67		.1	.4	.4	.4	.9	.9	.3	.2	.1														212	212	112	40
66/ 65		.2	.4	.6	.6	.5	.5	.3	.2	.0														178	178	207	43
64/ 63	.0	.6	.7	.8	.8	.8	1.0	.4	.3															255	255	257	93
62/ 61	.2	.7	.8	.8	1.0	.4	.3																	266	266	278	116
60/ 59	.2	.9	1.1	1.2	.5	.4	.2																	287	287	338	232
58/ 57	.6	1.5	1.5	1.1	.6	.3	.1	.0																350	350	335	307
56/ 55	.4	1.2	1.2	.6	.6	.2	.0																	261	261	367	375
54/ 53	.4	1.7	.9	.7	.3	.1																		255	255	413	346
52/ 51	.3	.9	.9	.4	.2	.0																		175	175	323	261
50/ 49	1.0	2.4	1.5	.5	.3	.0																		361	361	323	677
48/ 47	.5	1.1	1.4	.2	.1																			207	207	347	311
46/ 45	.4	1.5	.8	.3																				187	187	242	279
44/ 43	.3	1.4	.5	.2																				153	153	243	236
42/ 41	.7	2.0	1.1	.0																				247	247	203	377
40/ 39	.5	2.4	1.1																					249	249	212	255
38/ 37	.6	2.6	.2																					211	211	298	271
36/ 35	.4	3.0	.3																					236	236	235	266
34/ 33	1.4	1.8	.1																					206	206	336	315
32/ 31	1.8	2.6	.1																					290	290	214	455
30/ 29	1.4	1.6	.0																					196	196	269	213
28/ 27	1.3	.6	.0																					123	123	144	175
26/ 25	1.0	.6																						103	103	100	132

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 ALL
STATION STATION NAME

 ALL

Temp F	WET BULB TEMPERATURE DEPRESSION F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	≥31	TOTAL DB-WB	TOTAL DB-DP	TOTAL WB-DP	TOTAL
24/ 23	1.5	1.0																	160	160	147	163
22/ 21	.5	.3																	48	48	78	119
20/ 19	.5	.3	.0																47	48	44	59
18/ 17	.3	.1	.0																30	30	38	56
16/ 15	.4	.0																	28	28	31	35
14/ 13	.3	.1																	26	26	24	44
12/ 11	.2	.0																	16	16	18	17
10/ 9	.2	.0																	14	14	15	17
8/ 7	.1	.0																	5	5	4	15
6/ 5	.1	.1																	9	9	8	3
4/ 3		.0																	3	3	3	4
2/ 1	.1	.0																	5	5	7	
0/ -1	.1																		4	4	4	
-2/ -3	.1																		4	4	4	6
-4/ -5	.1																		6	6	6	15
-6/ -7																						6
TOTAL	17.9	33.4	15.2	8.5	7.5	5.4	5.1	3.9	1.9	.9	.3									6344		6343
																			6343		6343	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum	40097756	491908	77.6	17.833	6343							
Dry Bulb	17772249	318063	50.1	16.966	6344	24.8	1594.3	1304.6	756.8	254.0	3.2	8760
Wet Bulb	14629237	291865	46.0	13.752	6343	24.9	2064.6	258.9	23.3			8760
Dew Point	12424429	268959	42.4	12.681	6343	47.9	2706.0	43.5				8760

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70

PAGE 1 ALL

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	TOTAL D.B. W.B.	D.B.	TOTAL Wet Bulb	Dew Point
44/ 43		1.3																														5	5		
42/ 41		2.1	.5																													10	10	8	
40/ 39		4.8	.5																													20	20	8	7
38/ 37		3.7																														14	14	22	9
36/ 35		5.6																														21	21	15	24
34/ 33	4.2	4.2																														32	32	48	18
32/ 31	5.0	9.5	.3																													56	56	36	62
30/ 29	2.9	4.2																														27	27	43	34
28/ 27	3.4	2.1																														21	21	23	23
26/ 25	6.9	2.1																														34	34	32	29
24/ 23	12.5	2.7																														57	57	56	61
22/ 21	4.8	.3																														19	19	25	34
20/ 19	5.0	1.1																														23	23	20	16
18/ 17	2.9																															11	11	14	26
16/ 15	3.2																															12	12	12	15
14/ 13	1.6																															6	6	6	8
12/ 11	.8																															3	3	3	4
10/ 9	1.1																															4	4	4	5
8/ 7	.5																															2	2	2	2
TOTAL	54.9	43.8	1.3																														377	377	377

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	3228079	34819	92.4	5.849	377							
Dry Bulb	314457	10517	27.9	7.486	377		542.7					744
Wet Bulb	299826	10298	27.3	7.020	377		544.7					744
Dew Point	271300	9778	25.9	6.860	377		629.5					744

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

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 FEB

PAGE 1 ALL

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5	6	7-8	9-10	11-12	13-14	15	16	17-18	19	20	21	22-23	24	25-26	27-28	29-30	31+	TOTAL		TOTAL	
46/ 47			.8																			3	3		
46/ 45			.8																			3	3		
44/ 43		.3																				1	1	5	
42/ 41		1.3	1.0																			11	11	1	
40/ 39		8.0	.5																			33	33	14	7
38/ 37		10.1																				39	39	39	22
36/ 35		7.8	.5																			32	32	46	33
34/ 33	4.1	5.4																				37	37	51	51
32/ 31	2.6	6.2																				34	34	17	50
30/ 29	3.6	7.0																				41	41	47	22
28/ 27	4.7	3.6																				32	32	44	26
26/ 25	3.1	1.0																				16	16	18	32
24/ 23	5.7	3.6																				36	36	34	34
22/ 21	2.1	2.8																				19	19	19	36
20/ 19	1.6	2.1																				14	14	18	14
18/ 17																								5	15
16/ 15	.3	.3																				3	3	2	9
14/ 13	2.3	.3																				10	10	1	5
12/ 11	2.1																					8	8	8	10
10/ 9	1.3																					5	5	5	7
8/ 7		.3																				1	1		4
6/ 5		.3																				1	1	2	
4/ 3	.8																					3	3	3	
-2/ -3	1.0																					4	4	4	5
-4/ -5																									2
-6/ -7																									2
TOTAL	35.5	60.9	3.6																				386		386
																						386		386	

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.	3077093	34361	89.1	8.196	386							
Dry Bulb	3834668	11334	29.4	8.926	386	7.0	395.2					672
Wet Bulb	340852	10996	28.5	8.468	386	7.0	402.2					672
Dew Point	301555	10242	26.5	8.798	386	15.7	475.3					672

USAFETAC FORM 0-26-5 (OL A) 12/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR
STATION STATION NAME

PAGE 1 ALL

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	≥30	TOTAL DB	TOTAL WB	TOTAL Dry B	TOTAL Wet B	TOTAL Dew Po
60/ 59					,9														4	4			
56/ 55				,7	,5														5	5			
54/ 53				1,4															6	6			
52/ 51				1,4															6	6	5		
50/ 49		,9	1,9	,5															14	14	2		
48/ 47		1,2	,9																9	9	14		3
46/ 45		2,6	1,4																17	17	26		10
44/ 43		2,6	1,4																17	17	11		14
42/ 41	,5	3,0	1,9	,2															24	24	22		26
40/ 39		4,4	7,3																51	51	17		19
38/ 37		7,9	2,8																46	4,	45		24
36/ 35	,2	10,5	2,6																57	57	57		18
34/ 33	3,7	6,1	,7																45	45	64		56
32/ 31	,5	5,4																	25	25	29		93
30/ 29	2,8	1,9																	20	20	32		30
28/ 27	4,2	1,2																	23	23	22		43
26/ 25	3,3	1,2																	19	19	20		27
24/ 23	4,4	,5																	21	21	22		37
22/ 21	,5	,9																	6	6	6		10
20/ 19		,2																	1	1	1		1
18/ 17	,7	,7																	6	6	7		4
16/ 15	,2																		1	1	1		1
14/ 13	,2																		1	1	1		8
12/ 11	,2																		1	1	1		
10/ 9	,2																		1	1	1		
8/ 7	,2																		1	1	1		2
6/ 5	,2																		1	1	1		2
TOTAL	22,2	51,2	21,0	4,2	1,4															428		428	428
																			428		428		

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	3100152	36208	84,6	9,312	428							
Dry Bulb	581430	15346	35,9	8,540	428		220,8					744
Wet B	522298	14608	34,1	7,452	428		252,1					744
Dew Point	442715	13479	31,5	7,050	428		448,5					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

34199 SIEGERSBURG GERMANY GUNNERY RANGE 68-70 APR

STATION STATION NAME YEAR MONTH

 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION F 0	1 2	3-4	5-6	7 8	9-10	11-12	13-14	15	16	17-18	19-20	21	22 23	24 25	26 27	28 29	30	≥31	TOTAL DB WB C.S	TOTAL Wet B. Dew P.		
70/ 69						.6														3	3		
68/ 67							.2	.4	.8											7	7		
66/ 65					.6	.4	.6	.2	.4											11	11		
64/ 63			.2	.2	.2	.2	.8	.2												9	9		
62/ 61		.4		.4	1.2	.6	.2													14	14	2	
60/ 59		.2		1.2	.6	1.0														15	15	5	1
58/ 57		.2	.6	.6	.6	1.2														16	16	6	3
56/ 55		.4	1.8	.6	1.6	.4														24	24	7	
54/ 53		1.2	.4	1.6	1.2															22	22	30	7
52/ 51		.6	1.6	.4																13	13	30	5
50/ 49		2.8	3.2	1.8	1.0															44	44	21	26
48/ 47		.4	4.0	1.0	.8															46	46	46	23
46/ 45		2.3	2.2	1.2																34	34	49	36
44/ 43		3.0	2.8	.4																31	31	41	28
42/ 41	.4	4.2	6.9																	58	58	39	55
40/ 39		4.8	5.3																	51	51	44	41
38/ 37		7.1	.4																	38	38	72	45
36/ 35		5.7	.4																	31	31	49	54
34/ 33	.6	2.2																		14	14	35	87
32/ 31	.4	1.6	.6																	14	14	2	61
30/ 29	.2	1.6																		9	9	14	12
28/ 27		.2																		1	1	7	9
26/ 25																							6
24/ 23																							6
TOTAL	1.6	42.4	30.9	9.3	7.7	4.4	1.8	.8	1.2												505		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.	3022209	38431	76.1	13.914	505							
Dry Bulb	1109727	23219	46.0	9.146	505		34.2	14.3				720
Wet Bulb	930032	21372	42.3	7.120	505		41.3					720
Dew Point	763101	19349	38.3	6.369	505		134.0					720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 MAY

PAGE 1 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION F. 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21	22-23	24-25	26-27	28-29	30	>31	TOTAL D.B. = W.B.	TOTAL D.B. > Wet B.	TOTAL Wet B.	Dew Pt.
88/ 87												.4								2	2		
86/ 85											.8	.2								5	5		
84/ 83										.2	.8									5	5		
82/ 81										.4										2	2		
80/ 79								1.2		.8										10	10		
78/ 77							.6			.6										7	7		
76/ 75							1.2	.2		.2		.4								10	10		
74/ 73					.2	.6	.4	.8		.4										12	12		
72/ 71					.4	.2	.2	.6			.6									11	11		
70/ 69				.6	.2		1.4	.4		.4										15	15		
68/ 67				.6	.2	1.0	.8	1.2		.2										20	20	12	
66/ 65				.4		1.2	1.6	1.7												25	25	17	
64/ 63			.2	.8	1.4	2.5	1.9	.8												39	39	14	
62/ 61		.2	.2	1.2	.8	1.7	1.6													29	29	13	3
60/ 59		.4	.2	1.2	1.6	2.1	1.4													35	35	18	10
58/ 57	.2		2.1	1.6	3.1	1.2	1.2	.4												50	50	19	22
56/ 55	.4		1.2	1.9	1.2	.4	.4													28	28	38	23
54/ 53		.8	.4	2.1	1.0	.4														24	24	63	6
52/ 51		1.0	1.2	2.3	.6	.2														27	27	49	18
50/ 49		3.5	4.8	1.6	.6															34	34	52	53
48/ 47	.6	1.9	4.1	.2																35	35	74	39
46/ 45	.2	4.3	1.2	.2																30	30	47	47
44/ 43	.2	1.9	.2																	12	12	58	54
42/ 41	.6	.8	.2																	8	8	15	114
40/ 39	.6	1.2																		9	9	10	56
38/ 37	.2	1.2																		7	7	8	21
36/ 35		.4																		2	2	4	24
34/ 33		.4																		2	2	4	7
32/ 31	.2																			1	1	1	16
30/ 29																							1
28/ 25																							1
24/ 23																							1
TOTAL	3.1	17.8	15.9	14.5	11.0	11.4	12.4	7.2	3.3	2.3	1.3										516		516
																				516		516	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	2302244	33122	64.2	18.494	516							
Dry Bulb	1776545	29767	57.7	10.735	516		1.4	142.7	76.4	30.3		744
Wet Bulb	1350377	26143	50.7	7.085	516		1.4	17.3				744
Dew Point	1040125	22913	44.4	6.633	516		27.4					744

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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JU

PAGE 1 ALL

Temp F	WET BULB TEMPERATURE DEPRESSION F																									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	32	DB	WB
86/ 85											.5															3	3
84/ 83								.2	.7		.7	.2														10	10
82/ 81								.7	1.3		.7															15	16
80/ 79							.2	2.0	.5																	16	16
78/ 77						.3	3.4	4.3	.2																	50	50
76/ 75					.3	1.5	2.8	.2	.8	.2																35	35
74/ 73					.3	1.6	1.5	.7	.2																	26	26
72/ 71					.5	1.0	.7	1.1	.8																	25	25
70/ 69				.2	3.1	.7	.5																			27	27
68/ 67				.3	2.1	1.1	.2	.5																		26	26
66/ 65		.5	.5	1.1	1.3	.5		.3																		26	26
64/ 63		.3	2.3	2.6	2.0	.7	.3	.2																		51	51
62/ 61		.7	2.1	1.8	1.8	.5	.8																			47	47
60/ 59		1.8	2.0	2.3	.3	.5	.8																			47	47
58/ 57	.5	1.8	2.1	1.8		.7																				42	42
56/ 55		3.1	2.5	.5	.2	.7																				42	42
54/ 53	.3	3.1	1.6	.5																						34	34
52/ 51		1.8	.7	.3																						17	17
50/ 49	1.5	5.1	.8																							43	43
48/ 47	.5	.8																								3	8
46/ 45	.7	.7		.2																						9	9
44/ 43	.3	.5																								5	5
42/ 41		.3	.2																							3	3
40/ 39																											
38/ 37																											
36/ 35																											
34/ 33																											
TOTAL	3.8	20.5	14.8	11.6	12.0	9.7	11.1	10.0	4.4	2.0	.2															610	610

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.	2985582	41214	67.6	18.167	610							
Dry Bulb	2346857	38931	63.8	10.109	610			276.2	184.1	41.3		720
Wet Bulb	1996921	34689	56.9	6.311	610			23.6				720
Dew Point	1653615	31575	51.8	5.118	610							720

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

34199 SIEGENBURG GERMANY GUNNERY RANGE 66-70 JUL

PAGE 1 ALL

°F DB / °F WB	WET BULB TEMPERATURE DEPRESSION °F 0	1	2	3	4	5	6	7-8	9-10	11	12	13	14	15	16	17	18	19-20	21	22	23	24	25	26	27	28	29	30	31	32	TOTAL DB	TOTAL WB	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93																	.4													3	3		
90/ 89													.1		.1		.4	.6												9	9		
88/ 87															.7			.1												6	6		
86/ 85													2.0		.3		.4	.1												20	20		
84/ 83									.1		.6		1.0		1.4		.3	.4												27	27		
82/ 81									.4		.8		1.6		2.0		.7													39	39		
80/ 79								.3		.8		.6	1.7		.4		.3													29	29		
78/ 77							.1		.3		1.0		.8		2.3		2.0	.1												47	47		
76/ 75								.7		.6		1.4		1.3		.7														33	33	5	
74/ 73							.6		.8		.4		1.5		1.0		.1													34	34	15	
72/ 71							.6		.4		.6		.6		.3															17	17	22	
70/ 69			.1		1.4		.3		1.4		.8		.7																	34	34	31	
68/ 67					1.1		1.7		2.3		1.3		.7		.3		.1													48	48	51	22
66/ 65			.4		1.6		.8		1.3		.7		.1		.1															35	35	60	21
64/ 63	.4		2.4		1.7		1.3		1.0		.4		.1																	52	52	65	46
62/ 61	.4		1.8		1.4		1.3		1.6		.1																			51	51	91	42
60/ 59	.1		1.7		2.1		1.6		.4																					42	42	72	75
58/ 57	.8		3.6		2.3		2.1				.1																			65	65	67	74
56/ 55	.7		1.1		1.8		.7		.1																					32	32	64	99
54/ 53	1.0		2.5		.7		.3																							32	32	61	64
52/ 51	.3		.7		.3																									9	9	43	49
50/ 49	.7		3.4		.4																									32	32	24	123
48/ 47	.4		.6																											7	7	28	42
46/ 45	.3		.4																											5	5	6	34
44/ 43																																3	9
42/ 41																																	3
40/ 39																																	2
TOTAL	5.2	19.1	14.7	11.9	10.6	7.5	7.9	11.4	7.8	2.7	1.3																			708		708	
																														708		708	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Ref Hum.	3490625	47941	67.7	18.592	708							
Dry Bulb	3279950	47575	67.2	10.814	708			363.0	259.6	126.1	3.2	744
Wet Bulb	2568274	42380	59.9	6.671	708			130.3	21.0			744
Dew Point	2164114	38920	55.0	5.900	708			23.1				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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 AUG

PAGE 1 ALL

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	Obs	Cum	Wet Bulb	Dew Point
90/ 89																		.2											1	1		
86/ 85											.3	.3	.2	.6															9	9		
84/ 83											.9	.3	.8	.2															16	16		
82/ 81									.3		.6	.5	.6	.5															16	16		
80/ 79								.9	.3		.2	.5	.2	.3															16	16		
78/ 77								.9	.5		.6	1.9	.3																28	28		
76/ 75								.5	1.2		3.1	1.1	.2																39	39		
74/ 73							.2	1.1	1.5		2.0	.9																	37	37	2	
72/ 71							.9	2.2	.8		.9	.8																	36	36	20	
70/ 69			.2	.6		.9	1.4	1.7			.3	.8	.2																38	38	20	
68/ 67			.2	1.5		.8	.9	1.9			1.1																		41	41	23	15
66/ 65			.5	1.4		1.2	.6	.3			.3																		28	28	45	14
64/ 63			2.5	1.4		.9	.8	.5			.2																		40	40	64	20
62/ 61		.8	2.9	1.5		.8	.5	.2																					43	43	73	47
60/ 59		1.9	2.5	1.4		1.1	.3																						46	46	84	101
58/ 57		2.9	4.5	1.7		1.4	.2																						69	69	77	62
56/ 55		1.9	3.4	1.1		.3																							43	43	57	93
54/ 53		.8	1.9	1.9																									29	29	57	79
52/ 51		1.2	.5	1.9																									23	23	29	50
50/ 49		1.2	2.8	.5																									29	29	34	76
48/ 47		.5	.6	.3																									9	9	23	39
46/ 45		.2	.3	.2																									4	4	6	29
44/ 43		.2	.3																										3	3	5	10
42/ 41		.2	.3																										3	3	3	5
40/ 39																															2	3
38/ 37		.2																											1	1	1	3
36/ 35																																1
TOTAL		11.7	23.2	15.5		8.5	10.2	9.1			10.7	7.0	2.3	1.7				.2												647		647
																													647		647	

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.	3708216	47466	73.4	18.702	647							
Dry Bulb	2761612	41778	64.6	9.948	647			318.5	169.3	56.3		744
Wet Bulb	2261110	38026	58.8	6.370	647			77.0	2.3			744
Dew Point	1965107	35463	54.8	5.746	647			17.2				744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 SEP

PAGE 1 ALL

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1 2	3-4	5-6	7 8	9-10	11-12	13 14	15-16 17 18 19-20 21 22 23 24 25 26 27 28 29 30 31	TOTAL OBS	TOTAL OBS		
78/ 77						.1	.6	.3		7	7		
76/ 75				.3	.1		.4	.6		10	10		
74/ 73				.4	.1	.9	1.6	1.3		30	30		
72/ 71			.1	.4	.7	.3	1.5	.4		24	24		
70/ 69				.3	1.9	1.2	1.2			31	31	4	
68/ 67		.6	.6	.7	1.9	3.1	.3	.4		52	52	6	3
66/ 65		.3	.7	1.8	1.2	2.1	.6			45	45	14	8
64/ 63		.6	1.2	1.5	1.5	1.6	.7			48	48	31	3
62/ 61	.3	1.0	1.9	1.2	2.4	.7	.9			57	57	50	11
60/ 59	.3	1.6	2.7	3.1	1.3	.6				65	65	71	33
58/ 57	1.2	2.2	3.7	2.8	1.0					69	69	83	48
56/ 55	.6	1.9	2.2	.9	.4					41	41	82	48
54/ 53	.4	2.8	1.3	.7						36	36	82	82
52/ 51	.1	1.3	.9	.1						17	17	68	42
50/ 49	2.5	2.8	1.2		.1					45	45	53	159
48/ 47	.9	1.0	.3							15	15	35	63
46/ 45	.6	.6	.3							10	10	16	43
44/ 43	.9	1.0	.1							14	14	13	34
42/ 41	1.2	1.9								21	21	17	32
40/ 39		1.0								7	7	11	17
38/ 37	.3	.4								5	5	9	15
36/ 35	.1	1.0								8	8	6	6
34/ 33	.3									2	2	5	11
32/ 31	.3	.1								3	3	2	3
30/ 29	.6	.3								6	6	7	5
28/ 27	.4									3	3	3	5
26/ 25	.1									1	1	1	1
TOTAL	11.3	22.9	10.7	14.4	12.9	10.7	7.9	3.1			672		672
										672		672	

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.	3923148	50064	74.5	16.976	672							
Dry Bulb	2376904	39390	58.6	10.068	672		13.9	165.0	50.4			720
Wet Bulb	1970704	36034	53.6	7.574	672		13.9	10.7				720
Dew Point	1693953	33413	49.7	6.970	672		15.0	3.2				720

USAFETAC FORM 0-26 5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

STATION STATION NAME

PAGE 1 ALL

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Wet Bulb	TOTAL Dew P
72/ 71							.3	.1										3	3		
70/ 69					.1													1	1		
68/ 67			.4	.1	1.2	.9												18	18		
66/ 65				.4	.3	.3	.1											8	8	2	
64/ 63			.3	.7	.9	.1	.3											16	16	2	2
62/ 61			.6	1.0	1.6	.3	.1											25	25	3	1
60/ 59		.3	2.2	1.9	.1	.3												33	33	19	1
58/ 57	.3	1.5	1.6	1.0	1.0													37	37	23	5
56/ 55	.1	1.6	1.3	1.0	1.9	.3												43	43	46	18
54/ 53	1.2	4.5	2.1	1.6	.6	.3												69	69	63	39
52/ 51	.7	3.6	3.3	.6		.1												56	56	54	49
50/ 49	4.0	3.1	2.2	1.2	.7	.1												77	77	82	120
48/ 47	1.8	2.7	1.2	.3														40	40	50	49
46/ 45	2.1	1.6		.9														31	31	50	48
44/ 43	1.0	2.4	.3	.9														31	31	41	56
42/ 41	1.8	4.0	1.2															47	47	27	66
40/ 39	2.7	3.0	.3															40	40	56	42
38/ 37	3.9	1.0																33	33	36	55
36/ 35	3.1	.7																26	26	28	45
34/ 33	1.5	.4																13	13	15	32
32/ 31	2.4																	16	16	16	33
30/ 29	.7	.1																6	6	5	6
28/ 27	.3																	2	2	3	3
26/ 25	.1	.1																2	2	2	2
24/ 23		.1																1	1		1
22/ 21																				1	
20/ 19																					1
TOTAL	27.7	30.9	17.1	11.9	8.6	2.8	.9	.1											674		674
																		674		674	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4902910	56590	84.0	15.005	674							
Dry Bulb	1678349	33057	49.0	9.206	674		29.8	24.3				744
Wet Bulb	1488002	31256	46.4	7.567	674		29.8					744
Dew Point	1334079	29593	43.9	7.186	674		50.8					744

USAFETAC FORM JUL 64 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-72

PAGE 1 ALL

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	TOTAL	TOTAL		
58/ 57					.5												2	2		
56/ 55					.7												3	3		
54/ 53				.2	.5												3	3		
52/ 51					1.7												7	7		
50/ 49		.7	3.2	.5	.5												20	20	4	
48/ 47	.2	.2	5.9	1.0	.2												31	31	9	3
46/ 45	.2	5.2	2.7	1.2													38	38	26	2
44/ 43	1.0	4.5	1.[illegible]	.5													28	28	54	17
42/ 41	4.7	5.7	1.7														49	49	57	62
40/ 39	2.2	3.7	1.[illegible]														36	36	38	45
38/ 37	1.2	4.2															22	22	40	39
36/ 35	.5	8.9	1.2														43	43	20	45
34/ 33	3.5	4.5	.5														34	34	58	39
32/ 31	7.4	3.0	.2														43	43	45	50
30/ 29	3.7	2.0	.5														25	25	28	32
28/ 27	1.5	.5	.2														9	9	9	14
26/ 25	1.0	.2															5	5	10	8
24/ 23	1.2	.2															6	6	6	7
22/ 21																				7
20/ 19																				4
TOTAL	28.5	45.5	18.3	3.5	4.2													404		404
																	404		404	

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.	3069527	34675	86.3	12.096	404							
Dry Bulb	634411	15757	39.0	7.018	404		156.8					720
Wet Bulb	574490	15048	37.2	5.892	404		174.7					720
Dew Point	506294	14132	35.0	5.445	404		270.9					720

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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

| Temp °F | Wet Bulb Temperature Depression °F | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION — SIEGE BURG GERMANY GUNNERY RANGE STATION NAME — 69-7 YEARS — JAN MONTH

PAGE 1 0600-0800 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.=W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		5.3																6	6	2	
38/ 37																				4	3
36/ 35		5.3																6	6	2	3
34/ 33	1.8	5.3																8	8	12	3
32/ 31	6.1	8.5																17	17	9	18
30/ 29	1.8	4.4																7	7	14	10
28/ 27	2.6	.9																4	4	5	6
26/ 25	4.4	3.5																9	9	5	6
24/ 23	14.3	1.8																18	18	22	16
22/ 21																					10
20/ 19	11.4	.9																14	14	13	3
18/ 17	8.8																	10	10	11	17
16/ 15	5.3																	6	6	6	8
14/ 13	4.4																	5	5	5	6
12/ 11	.9																	1	1	1	2
10/ 9	1.8																	2	2	2	2
8/ 7	.9																	1	1	1	1
TOTAL	94.3	36.1																	114		114
																		114		114	

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.	1011233	10723	94.1	4.608	114							
Dry Bulb	78888	2870	25.2	7.662	114		76.7					93
Wet Bulb	75938	2824	24.8	7.276	114		76.7					93
Dew Point	69741	2701	23.7	7.131	114		85.7					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

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN
STATION STATION NAME YEAR MONTH

 0900-1100
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL DB. WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		1.8	.9																3	3	1	
40/ 39		2.7																	3	3	1	2
38/ 37		3.6																	4	4	5	1
36/ 35		8.9																	10	10	5	6
34/ 33	4.5	2.7																	8	8	16	7
32/ 31	2.7	8.0																	12	12	9	15
30/ 29	1.8	4.5																	7	7	8	10
28/ 27	4.5	2.7																	8	8	9	4
26/ 25	6.2	1.8																	9	9	10	11
24/ 23	15.2	2.7																	20	20	18	20
22/ 21	6.2																		7	7	9	11
20/ 19	5.4	2.7																	9	9	7	3
18/ 17	.9																		1	1	6	8
16/ 15	4.5																		5	5	5	6
14/ 13	.9																		1	1	1	2
12/ 11	1.8																		2	2	2	2
10/ 9	1.8																		2	2	2	3
8/ 7	.9																		1	1	1	1
TOTAL	57.1	42.0	.9																	112		112
																			112		112	

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. Avg.	972129	10417	93.0	5.915	112							
Dry Bulb	86741	3003	26.8	7.488	112		69.8					93
Wet Bulb	83139	2947	26.3	7.100	112		69.8					93
Dew Point	75841	2805	25.0	7.097	112		79.7					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

94199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN

STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43		2.7																	3	3		
42/ 41		2.7	.9																4	4	4	
40/ 39		5.5	1.8																8	8	2	3
38/ 37		6.4																	7	7	11	1
36/ 35		2.7																	3	3	5	11
34/ 33	5.5	5.5																	12	12	14	7
32/ 31	6.4	10.0																	18	18	12	21
30/ 29	5.5	3.6																	10	10	15	10
28/ 27	3.6	2.7																	7	7	7	9
26/ 25	10.9	1.8																	14	14	15	10
24/ 23	9.1	1.8																	12	12	11	18
22/ 21	9.1	.9																	11	11	13	11
20/ 19																						7
18/ 17																						1
16/ 15	.9																		1	1	1	1
TOTAL	50.9	46.4	2.7																	110		110
																			110		110	

Element (F)	$\Sigma x'$	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.	915173	10009	91.0	6.386	110							
Dry Bulb	105028	3328	30.3	6.311	110		61.7					93
Wet Bulb	99555	3249	29.5	5.740	110		62.6					93
Dew Point	89011	3069	27.9	5.373	110		74.4					93

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

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DATA PROCESSING DIVISION
JSAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	≥31	TOTAL D.B. & W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43		4.9																	2	2		
42/ 41		7.3																	3	3	3	
40/ 39		7.3																	3	3	3	2
38/ 37		7.3																	3	3	2	4
36/ 35		4.9																	2	2	3	4
34/ 33	7.3	2.4																	4	4	6	1
32/ 31	4.9	14.6	2.4																9	9	6	6
30/ 29	2.4	4.9																	3	3	6	4
28/ 27	2.4	2.4																	2	2	2	4
26/ 25	4.9																		2	2	2	2
24/ 23	9.8	7.3																	7	7	5	7
22/ 21	2.4																		1	1	3	2
20/ 19																						3
TOTAL	34.1	63.4	2.4																	41		41
																			41		41	

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.	330144	3670	89.5	6.392	41		54.4					93
Dry Bulb	43800	1316	32.1	6.244	41		54.4					93
Wet Bulb	41194	1278	31.2	5.826	41		54.4					93
Dew Point	36707	1203	29.3	5.936	41		68.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 69-70 YEARS | FEB MONTH

PAGE 1 0600-0800 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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		2.7																3	3	
40/ 39		8.1																9	9	7
38/ 37		2.7																3	3	9
36/ 35		7.2																8	8	4
34/ 33	1.8	6.3																9	9	13
32/ 31	5.4	7.2																14	14	7
30/ 29	2.7	5.4																9	9	14
28/ 27	5.4	2.7																9	9	11
26/ 25	3.6																	4	4	5
24/ 23	10.8	2.7																15	15	12
22/ 21	2.7	1.8																5	5	7
20/ 19	4.5	2.7																8	8	8
18/ 17																				1
16/ 15	.9																	1	1	1
14/ 13	2.7	.9																4	4	4
12/ 11	4.5																	5	5	5
10/ 9	1.8																	2	2	2
8/ 7																				3
-2/ -3	2.7																	3	3	3
-4/ -5																				2
-6/ -7																				1
TOTAL	49.5	50.5																	111	
																		111		111

Element (X)	Σ_{A^2}	Σ_X	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	927241	10231	91.3	4.845	111							
Dry Bulb	90047	2985	26.9	9.427	111	2.3	59.8					84
Wet Bulb	85923	2921	26.3	9.073	111	2.3	60.5					84
Dew Point	77477	2743	24.7	9.387	111	2.3	68.9					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

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (YEARS) FEB (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 D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45			.9																1	1		
44/ 43		.9																	1	1	1	
42/ 41		.9																	1	1	1	
40/ 39		9.0																	10	10	2	1
38/ 37		2.7																	3	3	10	7
36/ 35		8.1																	9	9	5	7
34/ 33	9.0	4.5																	15	15	20	10
32/ 31	2.7	5.4																	9	9	6	17
30/ 29	2.7	6.3																	10	10	11	8
28/ 27	3.6	5.4																	10	10	12	5
26/ 25	6.3																		7	7	8	7
24/ 23	2.7	5.4																	9	9	7	14
22/ 21	4.5	3.6																	9	9	8	8
20/ 19	.9	3.6																	5	5	5	6
18/ 17																					3	5
16/ 15		.9																	1	1		4
14/ 13	3.6																		4	4	5	1
12/ 11	.9																		1	1	1	4
10/ 9	2.7																		3	3	3	2
8/ 7																						2
2/ 1	1.8																		2	2	2	
-2/ -3	.9																		1	1	1	2
-6/ -7																						1
TOTAL	42	56.8	.9																	111		111
																			111		111	

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	907070	10014	90.2	5.756	111							
Dry Bulb	95559	3101	27.9	9.008	111	.8	53.7					84
Wet Bulb	90644	3024	27.2	8.666	111	.8	54.5					84
Dew Point	80985	2825	25.5	9.089	111	2.3	65.1					84

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

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DATA PROCESSING DIVISION
JSAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 69-70 YEARS FEB MONTH

PAGE 1 1200-1400 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL Dry Bulb	TOTAL Wet Bulb - Dew Point
48/ 47			1.8														2	2	
46/ 45			.9														1	1	
44/ 43																			3
42/ 41		1.8	1.8														4	4	
40/ 39		8.1	.9														10	10	4 4
38/ 37		16.9															21	21	16 4
36/ 35		9.0	.9														11	11	21 15
34/ 33	2.7	6.3															10	10	14 23
32/ 31	.9	4.5															6	6	3 12
30/ 29	6.3	7.2															15	15	13 4
28/ 27	5.4	1.8															8	8	14 9
26/ 25	.9	3.6															5	5	1 11
24/ 23	3.6	2.7															7	7	11 6
22/ 21		3.6															4	4	3 12
20/ 19																			1
18/ 17																			4
16/ 15	.9																1	1	1
14/ 13	1.8																2	2	2 2
12/ 11	.9																1	1	1 1
10/ 9																			1
8/ 7		.9															1	1	
6/ 5		.9															1	1	2
4/ 3	.9																1	1	1
-2/ -3																			3
TOTAL	24.3	69.4	6.3															111	111
																	111		111

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.	858388	9736	87.7	6.556	111							
Dry Bulb	118670	3514	31.7	8.216	111		39.4					84
Wet Bulb	110260	3392	30.6	7.749	111		40.1					84
Dew Point	97297	3155	28.4	8.324	111	2.3	49.2					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 69-70 YEARS — FEB MONTH

 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			1.9															1	1	
46/ 45			1.9															1	1	
44/ 43																			2	
42/ 41		1.9	3.8															3	3	
40/ 39		5.7	1.9															4	4	1 2
38/ 37		22.6																12	12	6 2
36/ 35		5.7	1.9															4	4	14 5
34/ 33	1.9	3.8																3	3	4 13
32/ 31		9.4																5	5	1 4
30/ 29	1.9	11.3																7	7	9 1
28/ 27	3.8	5.7																5	5	7 6
26/ 25																				1 6
24/ 23	5.7	3.8																5	5	4 4
22/ 21		1.9																1	1	1 6
20/ 19		1.9																1	1	1
18/ 17																				1 1
16/ 15																				2
12/ 11	1.9																	1	1	1
10/ 9																				1
TOTAL	15.1	73.6	11.3																53	53
																		53		53

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.	384444	4502	84.9	6.246	53							
Dry Bulb	59192	1734	32.7	6.879	53		39.6					84
Wet Bulb	54025	1659	31.3	6.348	53		41.2					84
Dew Point	45797	1519	28.7	6.595	53		49.1					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 69-70 YEARS — MAR MONTH

PAGE 1 0600-0810

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F 0	1-2	3-4	5-6	7-8	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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45		3.3	.8															5	5		
44/ 43		3.3	.8															5	5	4	2
42/ 41	1.7	3.3																6	6	10	4
40/ 39		1.7	2.5															5	5	2	5
38/ 37		2.5																3	3	5	5
36/ 35		8.3	3.3															14	14	8	1
34/ 33	5.8	5.8	1.7															16	16	21	14
32/ 31	.8	7.5																10	10	6	16
30/ 29	5.8	2.5																12	10	18	10
28/ 27	5.0	1.7																8	8	6	16
26/ 25	5.0	2.5																9	9	9	8
24/ 23	10.8	1.7																15	15	16	16
22/ 21	1.7	2.5																5	5	6	10
20/ 19		.8																1	1		1
18/ 17	.8	.8																2	2	3	3
16/ 15	.8																	1	1	1	1
14/ 13	.8																	1	1	1	4
12/ 11	.8																	1	1	1	
10/ 9	.8																	1	1	1	
8/ 7	.8																	1	1	1	2
6/ 5	.8																	1	1	1	2
TOTAL	42.5	48.3	9.2																120		120
																		120		120	

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.	971636	10766	89.7	6.949	120							
Dry Bulb	120159	3667	30.6	8.251	120		51.1					93
Wet Bulb	112915	3563	29.7	7.737	120		54.2					93
Dew Point	100174	3342	27.9	7.724	120		69.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 69-70 YEARS — MAR MONTH

 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.8														1	1		
50/ 49			4.2	.8														6	6		
48/ 47		.8	1.7															3	3		
46/ 45		2.5	1.7															5	5	12	1
44/ 43		3.4	.8															5	5	3	4
42/ 41			.8															1	1	4	9
40/ 39		4.2	7.6															14	14	2	3
38/ 37		2.5	1.7															5	5	10	6
36/ 35	.8	10.1	5.0															19	19	10	4
34/ 33	4.2	7.6	.8															15	15	24	11
32/ 31	.8	10.9																14	14	17	24
30/ 29	1.7	3.4																6	6	11	8
28/ 27	6.7	2.5																11	11	11	18
26/ 25	3.4	1.7																6	6	7	13
24/ 23	3.4																	4	4	4	14
22/ 21		.8																1	1		
20/ 19																				1	
18/ 17	1.7	.8																3	3	3	1
14/ 13																					3
TOTAL	22.7	51.3	24.4	1.7															119		119
																		119		119	

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.	875863	10165	85.4	8.008	119							
Dry Bulb	150515	4141	34.8	7.373	119		35.2					93
Wet Bulb	137137	3965	33.3	6.326	119		42.2					93
Dew Point	117479	3661	30.8	6.411	119		63.3					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

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR

PAGE 1 1200-1400

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	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 DB & Dew Point	TOTAL WB & Dew Point	
60/ 59					.9																		1	1		
56/ 55				2.6																			2	2		
54/ 53				3.4																			4	4		
52/ 51				2.6																			3	3	2	
50/ 49		.9	1.7	.9																			4	4	2	
48/ 47		3.4	.9																				5	5	6	2
46/ 45		1.7	.9																				3	3	10	6
44/ 43			.9																				1	1	2	4
42/ 41		2.6	2.6	.9																			7	7	2	5
40/ 39		7.8	12.1																				23	23	6	4
38/ 37		11.2	5.2																				19	19	20	8
36/ 35		12.9	.9																				16	16	20	6
34/ 33	2.6	8.6																					13	13	27	19
32/ 31		.9																					1	1	6	32
30/ 29	2.6	.9																					4	4	3	10
28/ 27	2.6																						3	3	4	8
26/ 25	3.4																						4	4	4	4
24/ 23	.9																						1	1	1	6
18/ 17		.9																					1	1	1	
14/ 13																										1
TOTAL	12.1	51.7	25.0	10.3	.9																			116		116
																							116		116	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	783419	9467	81.6	9.690	116							
Dry Bulb	181447	4507	38.9	7.422	116		11.2					93
Wet Bulb	159877	4245	36.6	6.278	116		15.2					93
Dew Point	134353	3887	33.5	5.975	116		48.9					93

USAFETAC FORM 0-26-5 (OL A) 80 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 MAR

PAGE 1 1500-1700

Temp F	Wet Bulb Temperature Depression F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	Total D.B.	Total W.B.	Total Dew Pt.	Total Wet Bulb
60/ 59					4.1													3	3		
56/ 55					2.7													2	2		
54/ 53				2.7														2	2		
52/ 51				2.7														2	2	3	
50/ 49		4.1	1.4															4	4		
48/ 47			1.4															1	1	8	1
46/ 45		2.7	2.7															4	4	4	3
44/ 43		4.1	4.1															6	6	2	4
42/ 41		8.2	5.5															10	10	6	7
40/ 39		4.1	8.2															9	9	7	7
38/ 37		20.5	5.5															19	19	10	5
36/ 35		11.0																8	8	19	7
34/ 33	1.4																	1	1	12	12
32/ 31																					21
30/ 29																					2
28/ 27	1.4																	1	1	1	1
26/ 25																					2
24/ 23	1.4																	1	1	1	1
TOTAL	4.1	54.8	28.8	5.5	6.8														73		73
																		73		73	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ± 0.5	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Rel. Hum.	469234	5810	79.6	9.736	73							
Dry Bulb	129309	3031	41.5	6.932	73		2.5					93
Wet Bulb	112369	2835	38.8	5.615	73		2.5					93
Dew Point	93709	2589	35.5	5.121	73		34.4					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 68-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26 - 27	28 - 29	30	≥ 31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.7															1	1		
58/ 57			.7																1	1		
56/ 55			.7																1	1	1	
54/ 53		1.5		1.5	.7														5	5	2	
52/ 51		1.5	.7																3	3	3	1
50/ 49		3.0	1.5		.7														7	7	2	6
48/ 47		4.4	4.4	.7															13	13	7	2
46/ 45		3.0	1.5	.7															7	7	10	9
44/ 43		3.7	2.0																9	9	10	6
42/ 41	1.5	6.7	3.0																15	15	13	11
40/ 39		7.4	2.7																15	15	15	9
38/ 37		6.7	.7																10	10	17	10
36/ 35		14.1	.7																20	20	12	12
34/ 33	.7	5.2																	8	8	21	29
32/ 31	.7	5.2	2.2																11	11	3	16
30/ 29	.7	5.2																	8	8	12	7
28/ 27		.7																	1	1	7	5
26/ 25																						6
24/ 23																						6
TOTAL	3.7	68.1	23.0	3.7	1.5															135		135
																			135		135	

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.	972003	11389	84.4	9.140	135							
Dry Bulb	226305	5447	40.3	6.980	135		13.3					90
Wet Bulb	204171	5179	38.4	6.400	135		14.7					90
Dew Point	179891	4845	35.9	6.663	135		26.7					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — APR MONTH

PAGE 1 — 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.7														1	1		
64/ 63				.7															1	1		
62/ 61				.7	.7														2	2		
60/ 59		.7		.7															2	2	1	
58/ 57				.7		.7													2	2	3	1
56/ 55			2.9	2.2	.7	.7													9	9	1	
54/ 53		2.9	.7	2.9	1.4														11	11	1	3
52/ 51			.7	.7															2	2	10	1
50/ 49		4.3	3.6	3.6															16	16	5	6
48/ 47		2.2	4.3	1.4															11	11	15	7
46/ 45		3.6	4.3	1.4															13	13	14	11
44/ 43		5.8	2.9																12	12	17	6
42/ 41		4.3	5.1																13	13	12	18
40/ 39		2.9	4.3																10	10	9	11
38/ 37		13.0																	18	18	14	15
36/ 35		4.3	.7																7	7	22	16
34/ 33	1.4	1.4																	4	4	7	18
32/ 31	.7	1.4																	3	3	5	17
30/ 29		.7																	1	1	2	4
28/ 27																						4
TOTAL	2.2	47.8	29.7	15.2	3.6	1.4														138		138
																			138		138	

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.	875773	10891	78.9	10.892	138							
Dry Bulb	288227	6219	45.1	7.626	138		2.6					90
Wet Bulb	249912	5804	42.1	6.511	138		6.6					90
Dew Point	211821	5335	38.7	6.378	138		16.3					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR
STATION NAME YEARS MONTH

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.=W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69						2.2												3	5		
68/ 67							.7		.7									2	2		
66/ 65					1.4	.7	.7		.7									5	5		
64/ 63			.7		.7		.7											3	3		
62/ 61		1.4			1.4	.7												5	5	2	
60/ 59				1.4	1.4	2.9												0	8	4	1
58/ 57		.7	.7	.7		1.4												5	5	3	2
56/ 55		1.4	1.4		2.9	.7												9	9	3	
54/ 53			.7	1.4	1.4													5	5	10	4
52/ 51		.7	2.9	.7														6	6	7	3
50/ 49		2.2	5.1	1.4	2.2													15	15	9	7
48/ 47		3.6	5.1	.7	.7													14	14	15	10
46/ 45		2.9	2.9	.7														9	9	19	9
44/ 43			2.2															3	3	9	11
42/ 41		4.3	10.1															20	20	8	12
40/ 39		5.8	5.8															16	16	9	13
38/ 37		4.3	.7															7	7	28	11
36/ 35		1.4																2	2	8	19
34/ 33		.7																1	1	4	20
32/ 31																					15
30/ 29																					1
TOTAL		29.7	38.4	7.2	12.3	8.7	2.2		1.4										138		138
																		138		138	

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.	750058	10004	72.5	13.465	138							
Dry Bulb	343435	6775	49.1	8.888	138			3.3				90
Wet Bulb	282729	6173	44.7	6.940	138							90
Dew Point	227701	5531	40.1	6.629	138		10.4					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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								2.2	2.2									4		4		
66/ 65						1.1	2.2		1.1									4		4		
64/ 63						1.1	3.4	1.1										5		5		
62/ 61					3.4	2.2	1.1											6		6		
60/ 59				3.4	1.1	1.1												5		5		
58/ 57			1.1	1.1	3.4	3.4												8		8		
56/ 55			1.1		2.2													3		3	2	
54/ 53					1.1													1		1	17	
52/ 51			2.2															2		2	7	
50/ 49		1.1	2.2	2.2	1.1													6		6	5	6
48/ 47		3.4	1.1	1.1	3.4													8		8	8	4
46/ 45		1.1	2.2	2.2														5		5	6	7
44/ 43		2.2	3.4	2.2														7		7	5	5
42/ 41			10.1															9		9	6	14
40/ 39		2.2	9.0															10		10	11	7
38/ 37		3.4																3		3	12	7
36/ 35		2.2																2		2	7	7
34/ 33		1.1																1		1	3	19
32/ 31																						13
TOTAL		16.9	32.6	12.4	15.7	9.0	6.7	3.4	3.4											89		89
																		89			89	

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.	407120	5868	65.9	15.161	89							
Dry Bulb	235093	4493	50.3	9.695	89			4.0				90
Wet Bulb	181463	3975	44.7	6.681	89							90
Dew Point	135709	3439	38.6	5.659	89		13.1					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69 APR
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67									20.0										1	1		
66/ 65								20.0											1	1		
56/ 55			20.0		20.0														2	2		
52/ 51																					3	
50/ 49																						1
48/ 47																					1	
42/ 41			20.0																1	1		
40/ 39																						1
38/ 37																					1	2
34/ 33																						1
TOTAL			40.0		20.0			20.0	20.0											5		5
																			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.	17255	279	55.8	20.535	5							
Dry Bulb	16667	285	57.0	10.271	5			18.0				90
Wet Bulb	11757	241	48.2	5.933	5							90
Dew Point	8045	199	39.8	5.586	5							90

USAFETAC FORM JUL 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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — MAY MONTH

PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	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				1.5	.7														3	3		
66/ 65				.7															1	1		
64/ 63								.7											1	1		
62/ 61		.7		.7		.7													3	3	3	
60/ 59		1.5	.7	.7	.7														5	3	3	3
58/ 57	.7		2.2	.7	1.5														7	7	3	2
56/ 55	1.5		1.5	1.5		.7													7	7	4	5
54/ 53		1.5	.7	.7	1.5														6	6	3	1
52/ 51		2.2	2.2	1.5															8	8	8	5
50/ 49		7.4	8.9	3.7	.7														28	28	7	7
48/ 47	1.5	4.4	7.4	.7															19	19	25	11
46/ 45		7.4	2.2																13	13	19	12
44/ 43	.7	3.7	.7																7	7	24	14
42/ 41	2.2	2.2	.7																7	7	9	27
40/ 39	2.2	3.7																	8	8	9	17
38/ 37	.7	4.4																	7	7	7	16
36/ 35		1.5																	2	2	4	5
34/ 33		1.5																	2	2	4	3
32/ 31	.7																		1	1	1	7
TOTAL	10.4	42.2	27.4	12.6	5.2	1.5	.7													135		135
																			135		135	

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.	917931	11009	81.5	12.268	135							
Dry Bulb	325645	6559	48.6	7.215	135		.7	2.1				93
Wet Bulb	287662	6176	45.7	6.182	135		.7					93
Dew Point	253494	5790	42.9	6.210	135		4.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) MAY (MONTH)

PAGE 1 0900-1100 (HOUR)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
80/ 79								.7										1	1	
78/ 77							.7											1	1	
76/ 75							2.2											3	3	
74/ 73						2.2		1.5										5	5	
72/ 71					1.5					.7								3	3	
70/ 69				1.5			1.5											4	4	
68/ 67						.7			.7									2	2	
66/ 65				.7		1.5												3	3	5
64/ 63			.7	1.5	1.5	3.0	2.2	.7										13	13	7
62/ 61			.7	.7		1.5	.7											5	5	1
60/ 59				2.2	1.5	3.7	.7											11	11	8
58/ 57			3.7	1.5	6.7	.7	.7											18	18	2
56/ 55			1.5	2.2	2.2	.7												6	9	9
54/ 53		1.5	.7	1.5	1.5	.7												8	8	13
52/ 51		.7	1.5	3.7	1.5	.7												11	11	15
50/ 49		2.2	6.0	2.2	.7													15	15	17
48/ 47	.7	2.2	3.7															9	9	22
46/ 45	.7	3.7	.7	.7														8	8	16
44/ 43		2.2																3	3	14
42/ 41		.7																1	1	4
40/ 39		.7																1	1	1
38/ 37																				1
36/ 35																				3
34/ 33																				2
32/ 31																				5
TOTAL	1.5	14.2	19.4	18.7	17.2	15.7	9.0	3.0	.7	.7								134	134	134

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.	601965	8749	65.3	15.201	134							
Dry Bulb	466400	7648	57.1	8.625	134			13.2	6.9	.7		93
Wet Bulb	349488	6792	50.7	6.253	134							93
Dew Point	274432	6000	44.8	6.590	134		3.5					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — MAY MONTH

PAGE 1 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F): 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27-28-29	30	≥ 31	TOTAL D.B. = W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85										1.5								2	2		
84/ 83									.7	.7								2	2		
82/ 81									.7									1	1		
80/ 79								3.0	.7									5	5		
78/ 77							.7											1	1		
76/ 75							2.2		.7									4	4		
74/ 73					.7			1.5										3	3		
72/ 71						.7	.7			2.2								5	5		
70/ 69					.7			1.5										3	3		
68/ 67				.7		1.5	3.0	2.2										10	10	5	
66/ 65						3.0	2.2	3.7										12	12	7	
64/ 63				.7	3.7	4.4	2.2	1.5										17	17	3	
62/ 61				1.5	.7	3.0	3.7											12	12	4	1
60/ 59				.7	.7	2	2.2											8	8	4	2
58/ 57			2.2	2.2	3.0		2.2											13	13	4	8
56/ 55			.7	2.2	1.5		1.5											8	8	18	7
54/ 53				3.0														5	5	22	
52/ 51		.7		2.2														4	4	16	5
50/ 49		3.0	2.2															7	7	18	21
48/ 47		.7	3.7															6	6	11	12
46/ 45		4.4																6	6	9	6
44/ 43		.7																1	1	14	15
42/ 41																					30
40/ 39																					16
36/ 35																					7
32/ 31																					4
30/ 29																					1
TOTAL		9.6	8.9	13.3	11.1	15.6	20.7	13.3	3.0	4.4									135		135
																		135		135	

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.	465913	7635	56,6	15,955	135							
Dry Bulb	527985	8345	61,8	9,518	135			24,8	12,4	4,8		93
Wet Bulb	383488	7144	52,9	6,370	135			3.4				93
Dew Point	281119	6095	45.1	6,659	135		3.4					93

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

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DATA PROCESSING DIVISION
JSAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) MAY (MONTH)

 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
88/ 87											1.9							2	2	
86/ 85										1.0	1.0							2	2	
84/ 83										1.9								2	2	
82/ 81									1.0									1	1	
80/ 79								1.0	2.9									4	4	
78/ 77							1.0		2.9									4	4	
76/ 75								1.0			1.9							3	3	
74/ 73							1.9		1.9									4	4	
72/ 71								2.9										3	3	
70/ 69							4.9		1.9									7	7	
68/ 67						1.9		1.9										4	4	6
66/ 65							4.9	3.9										9	9	4
64/ 63				1.0		2.9	2.9	1.0										8	8	3
62/ 61				1.9	2.9	1.9	1.9											9	9	5
60/ 59				1.0	3.9	2.9	2.9											11	11	3	
58/ 57				1.9	1.0	3.9	1.0	1.9										10	10	10	5
56/ 55			1.0	1.0	1.0													3	3	7	6
54/ 53				3.9	1.0													5	5	22	4
52/ 51			1.0	1.9	1.0													4	4	9	5
50/ 49		1.0	1.0		1.0													3	3	9	9
48/ 47			1.0															1	1	15	7
46/ 45		1.0	1.9															3	3	2	13
44/ 43		1.0																1	1	6	12
42/ 41																				2	19
40/ 39																					8
38/ 37																					3
36/ 35																					8
34/ 33																					2
26/ 25																					1
24/ 23																					1
TOTAL	2.9	5.6	12.6	11.7	13.6	21.4	13.6	10.7	2.9	4.9								103			103
																		103		103	

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.	288731	5251	51,0	14,360	103							
Dry Bulb	434818	6612	64,2	10,081	103			32.5	19.9	9.9		93
Wet Bulb	300830	5526	53,7	6,536	103			5.4				93
Dew Point	209776	4596	44,6	6,785	103		1.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 68-69 YEARS | MAY MONTH

PAGE 1 1800-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85										11.1								1	1	
84/ 83										11.1								1	1	
78/ 77									11.1									1	1	
70/ 69				11.1														1	1	
68/ 67								11.1										1	1	1
66/ 65																				1
64/ 63																				1
62/ 61																				1 1
58/ 57						11.1	11.1											2	2	1
56/ 55				11.1														1	1	
54/ 53																				1 1
52/ 51																				1
50/ 49			11.1															1	1	1
48/ 47																				1 1
46/ 45																				1
44/ 43																				2
40/ 39																				1
36/ 35																				1
TOTAL			11.1	22.2		11.1	11.1	11.1	11.1	22.2								9	9	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.	27704	478	53.1	17.018	9							
Dry Bulb	41697	603	67.0	12.728	9			51.7	31.0	20.7		93
Wet Bulb	28909	505	56.1	8.462	9			10.3				93
Dew Point	21304	432	48.0	8.426	9							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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-69 JUN

STATION STATION NAME YEARS MONTH

PAGE 1 0300-0900

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49		80.0																4	4		
48/ 47		20.0																1	1	4	2
46/ 45																				1	2
44/ 43																					1
TOTAL		.0																	5		5
																		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.	38573	439	87.8	2.683	5							
Dry Bulb	12205	247	49.4	.894	5							90
Wet Bulb	11352	238	47.6	.894	5							90
Dew Point	10586	230	46.0	1.225	5							90

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

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) JUN (MONTH)

PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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							.6											1	1		
72/ 71					.6													1	1		
70/ 69				.6	1.2													3	3		
68/ 67				1.2	1.8													5	5		
66/ 65		1.2	1.2	1.2	1.2	.6												9	9	1	
64/ 63			4.3	4.3	.6													15	15	6	1
62/ 61		1.2	4.3	2.4	1.8													10	10	6	2
60/ 59		3.7	1.8	2.4														13	13	18	3
58/ 57	1.8	4.9	1.2	1.8		.6												17	17	22	21
56/ 55		6.1	6.1			1.2												22	22	22	20
54/ 53		7.3	1.8															15	15	23	16
52/ 51		4.3	.6	.6														9	9	16	14
50/ 49	3.0	9.8	2.4															25	25	19	44
48/ 47	1.2	1.2																4	4	16	17
46/ 45	1.2	1.2		.6														3	3	8	9
44/ 43	.6	.6																2	2	4	3
42/ 41		.6	.6															2	2	1	5
40/ 39																				1	3
38/ 37																				1	1
36/ 35																					2
34/ 33																					1
TOTAL	7.9	42.1	24.4	15.2	7.3	2.4	.6												164		164
																		164		164	

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.	1137106	13520	82.4	11.757	164							
Dry Bulb	532771	9287	56.6	6.490	164			5.5	.5			90
Wet Bulb	474979	8783	53.6	5.916	164							90
Dew Point	432584	8378	51.1	5.307	164							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

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

 0900-1100

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-32	>3	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79								1.2											2	2	
78/ 77							.6	4.8											9	9	
76/ 75						3.0	3.0	.6											11	11	
74/ 73					.6	6.0	2.4												15	15	
72/ 71					1.2	2.4	1.2	.6											9	9	
70/ 69					2.4	2.4	1.8												11	11	
68/ 67					4.8	1.8	.6	.6											13	13	2
66/ 65			.6	1.8	1.2	.6		.6											8	8	9
64/ 63			.6	1.8	2.4	.6													9	9	27
62/ 61		.6	.6		.6		1.2												5	5	14	2
60/ 59		3.0	4.8	3.0	.6		1.2												21	21	21	12
58/ 57		1.2	4.8	1.2		.6													13	13	15	21
56/ 55		2.4	1.2	1.2	.6	1.2													11	11	19	28
54/ 53	.6	3.0	1.2	.6															9	9	16	21
52/ 51		.6	1.8	.6															5	5	12	16
50/ 49	1.8	4.8	.6																12	12	14	28
48/ 47																					12	11
46/ 45	1.2																		2	2	4	9
44/ 43	.6																		1	1	1	4
42/ 41																						4
38/ 37																						6
TOTAL	4.2	15.7	16.3	10.2	14.5	18.7	12.0	8.4											166			166
																			165		166	

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.	804761	11233	67.7	16.448	166			38.0	29.1			90
Dry Bulb	683497	10551	65.6	8.833	166			1.1				90
Wet Bulb	561289	9431	56.8	5.765	166							90
Dew Point	450921	8605	51.8	5.428	166							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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUL

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION F																									TOTAL OBS	TOTAL OBS		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
86/ 85																	,5									1	1		
84/ 83														,6	1,2	1,2										5	5		
82/ 81														1,8	3,0	1,2										10	10		
80/ 79														,6	1,8	1,2										5	5		
78/ 77												,6	8,5	6,1												25	25		
76/ 75												,6	5,5			1,8										13	13		
74/ 73									,6				,6	1,2												4	4		
72/ 71												,6	1,2	3,0	1,8											11	11		
70/ 69								5,5																		9	9	1	
68/ 67									,6	1,2				,6												4	4	3	
66/ 65			,6			,6	2,4	,6																		7	7	33	
64/ 63		1,2	2,4	1,8	2,4		,6	,6																		15	15	19	
62/ 61			1,2	3,0	2,4		,6	1,8																		15	15	12	5
60/ 59			,6	1,8		,6	1,2	1,2																		9	9	18	9
58/ 57		,6		,6	2,4																					6	6	12	31
56/ 55		1,8		,6		,6																				5	5	20	26
54/ 53	,6	1,2	1,8	1,2																						5	5	9	17
52/ 51		1,8																								3	3	10	11
50/ 49	,6	1,2																								3	3	25	31
48/ 47	,6	1,2																								3	3	3	13
46/ 45		1,2																								2	2	2	5
44/ 43		,6																								1	1	2	5
42/ 41																												1	1
40/ 39																													4
38/ 37																													7
TOTAL	1,6	11,5	7,3	11,5	14,5	6,1	20,0	15,2	9,1	3,0																	165		165
																										165		165	

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	Tota
Rel. Hum.	536531	9681	59,916,530		165							
Dry Bulb	773814	11178	67,7[illegible]0,047		165			46,0	34,9	9,6		90
Wet Bulb	575711	9691	58,7	6,308	165			4,9				90
Dew Point	455802	8620	52,2	5,776	165							90

USAFETAC FORM 0-26.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — JUN MONTH

PAGE 1 1500-1700 HRS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
86/ 85										1.8									2	2		
84/ 83									1.8	1.8	.9								5	5		
82/ 81								.9	2.7	1.8									6	6		
80/ 79								6.4	.9										8	8		
78/ 77						.9	5.5	7.3	.9										16	16		
76/ 75					1.8	2.7	2.7		1.8	.9									11	11		
74/ 73							2.7	1.8	.9										6	6		
72/ 71						.9		.9	1.8										4	4		
70/ 69					3.6														4	4	1	
68/ 67					.9	1.8		.9											4	4	8	
66/ 65				.9				.9											2	2	24	
64/ 63			1.8	2.7	2.7	1.8	.9	.9											12	12	11	1
62/ 61		.9	2.7	1.8	2.7	1.8													11	11	9	3
60/ 59				1.8		.9	.9												4	4	12	6
58/ 57			1.8	1.8		1.8													6	6	9	20
56/ 55		1.8	1.8																4	4	12	20
54/ 53			1.8																2	2	9	13
52/ 51																					7	5
50/ 49		.9																	1	1	3	17
48/ 47																					3	7
46/ 45																						5
44/ 43		.9																	1	1	1	3
42/ 41		.9																	1	1	1	2
40/ 39																						2
38/ 37																						6
TOTAL		3.5	10.0	9.1	11.8	12.7	12.7	20.0	10.9	6.4	.9								110	110		110
																			110		110	

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.	968611	6141	55.8	15.378	110							
Dry Bulb	544570	7668	69.7	9.598	110			54.0	44.2	13.9		90
Wet Bulb	393610	6546	59.5	6.100	110			7.4				90
Dew Point	303722	5742	52.2	6.050	110							90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 66-70 YEARS | JUL MONTH

 0600-0800 HOURS (LST)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19	20	21 - 22	23	24	25 - 26	27	28	29	30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							3															1	1		
72/ 71				.5		1.1																3	3		
70/ 69		.5	2.7		2.1																	10	10		
68/ 67			2.1	1.6	1.6	.5	.5															12	12	3	1
66/ 65			1.1	1.1	1.6																	7	7	7	2
64/ 63	1.1	4.3	2.1	1.6																		17	17	10	8
62/ 61	1.6	4.3	1.6	1.1	.5																	17	17	19	8
60/ 59		3.2	3.2	.5																		13	13	20	16
58/ 57	3.2	7.4	2.7	1.1																		27	27	25	20
56/ 55	2.7	3.2	3.2	.5																		18	18	22	26
54/ 53	3.7	5.9	2.1	1.1																		24	24	24	25
52/ 51	1.1	1.1	1.1																			6	6	15	16
50/ 49	2.7	8.5	1.6																			24	24	18	92
48/ 47	1.1	1.6																				5	5	17	15
46/ 45	.5	1.6																				4	4	5	11
44/ 43																								3	4
42/ 41																									4
TOTAL	17.6	41.5	23.4	9.0	5.9	1.6	1.1																188		188
																						188		188	

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.	1390115	16025	85.2	11.365	188							
Dry Bulb	642760	10922	58.1	6.837	188			12.9	.5			93
Wet Bulb	584045	10827	55.5	5.598	188			1.5				93
Dew Point	542845	10051	53.5	5.419	188			.5				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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — JUL MONTH

 0900-1100 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL Wet B. Dry B.	TOTAL Wet B. Dew Point
86/ 85								.5										1	1	
84/ 83							.5											1	1	
82/ 81						.5	1.0	1.5	.5									7	7	
80/ 79						.5		.5										2	2	
78/ 77				.5	1.0	2.1	2.6	3.6	1.0									21	21	
76/ 75					2.1	.5	2.6	2.1										14	14	
74/ 73				2.1	2.1	.5	4.1	1.5										20	20	1
72/ 71				1.0	.5	1.0	1.0	.5										8	8	5
70/ 69			2.1	.5	1.0	1.5	2.1											14	14	7
68/ 67				1.0	2.1	.5												7	7	17 4
66/ 65		1.0	1.5	1.0	1.0	1.0												11	11	15 6
64/ 63	.5	3.1	2.6	1.5														15	15	20 15
62/ 61		1.5	1.0	2.1	2.6													14	14	28 13
60/ 59	.5	2.1	.5	2.1	1.5													13	13	25 21
58/ 57		5.1	1.5	2.1		.5												18	18	17 18
56/ 55		1.0	2.6	1.5	.5													11	11	16 29
54/ 53		2.6	.5															6	6	13 20
52/ 51		1.5																3	3	15 12
50/ 49		3.1																6	6	6 29
48/ 47	.5	.5																2	2	9 11
46/ 45	.5																	1	1	1 13
44/ 43																				2
40/ 39																				2
TOTAL	2.1	21.5	12.3	13.4	14.4	8.7	13.8	10.3	1.5										195	195
																		195	195	

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.	972938	13412	68.8	16.129	195							
Dry Bulb	873725	12933	66.3	9.073	195			45.3	31.5	5.2		93
Wet Bulb	700256	11624	59.6	6.154	195			14.3	.5			93
Dew Point	595944	10718	55.0	5.937	195			1.9				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

34199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 68-70 YEARS | JUL MONTH

 1200-1400 HRS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22 23-24 25	26 27	28 29	30 +31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89								.5	.5		1.1						4	4		
88/ 87									1.1		.5						3	3		
86/ 85								3.2	.5	.5							8	8		
84/ 83							1.6	1.6	2.6		1.1						13	13		
82/ 81						.5	1.6	2.6	2.1	1.6							16	16		
80/ 79					1.1	2.1	1.1	2.3		.5							19	19		
78/ 77							.5	3.7	3.7								15	15		
76/ 75					.5	.5	1.1	1.1	2.1								10	10	2	
74/ 73					1.1	1.1	1.6	1.1	.5								10	10	5	
72/ 71							1.1	.5									3	3	10	
70/ 69			.5	.5	1.6	1.1	.5										8	8	13	
68/ 67			1.6	1.6	2.1	1.6	.5										14	14	17	10
66/ 65		.5	1.6	1.1	1.1	1.1	.5										11	11	18	6
64/ 63		1.6	1.6	1.1	2.1	1.1											14	14	24	13
62/ 61		.5	2.1	3.2	1.6	.5											15	15	23	10
60/ 59		1.1	2.6	2.1													11	11	20	22
58/ 57		1.1	2.1	2.1													10	10	15	19
56/ 55			.5	.5													2	2	18	29
54/ 53		1.1															2	2	14	13
52/ 51																			7	13
50/ 49		1.1															2	2		37
48/ 47																			2	11
46/ 45																				6
44/ 43																				1
TOTAL		6.8	12.6	12.1	11.1	9.5	10.0	19.5	13.2	2.6	2.6						190	190	190	190

Element (X)	Σx^2	Σx	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	706809	11195	58.9	15.801	190							
Dry Bulb	990366	13656	71.8	9.686	190			60.2	46.0	25.5		93
Wet Bulb	736910	11778	62.0	5.997	190			23.0	2.4			95
Dew Point	593893	10565	55.6	5.830	190			4.9				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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — JUL MONTH

PAGE 1 — 1500-1700 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 99										2.2								3	3		
90/ 89										2.2	1.5							5	5		
88/ 87									2.2									3	3		
86/ 85								5.2	.7	1.5	.7							11	11		
84/ 83						.7		3.0	3.7	1.5	.7							13	13		
82/ 81						.7	.7	2.2	6.7	1.5								16	16		
80/ 79						.7	1.5	.7	2.2	.7								8	8		
78/ 77						2.2		1.5	3.7	.7								11	11		
76/ 75						1.5	1.5	2.2	.7									8	8	3	
74/ 73							1.5	1.5										4	4	9	
72/ 71				.7	1.5													3	3	7	
70/ 69					.7	.7												2	2	11	
68/ 67			.7	3.0	3.7	3.0		.7										15	15	14	7
66/ 65			1.5		1.5	.7		.7										6	6	20	7
64/ 63				.7	2.2	.7	.7											6	6	11	10
62/ 61		.7	.7	.7	1.5													5	5	19	11
60/ 59			2.2	1.5														5	5	7	17
58/ 57		.7	3.0	3.7														10	10	10	17
56/ 55			.7															1	1	8	15
54/ 53																				10	6
52/ 51																					8
50/ 49																					25
48/ 47																					5
46/ 45																					4
44/ 43																					2
42/ 41																					1
TOTAL		1.5	8.9	10.4	11.1	11.1	5.9	17.8	20.0	10.4	3.0							135		135	
																		135		135	

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.	420743	7309	54.1	13.672	135			70.3	56.5	39.3	2.1	93
Dry Bulb	767099	10087	74.7	10.005	135			30.3	8.3			93
Wet Bulb	547063	8551	63.3	6.369	135			4.8				93
Dew Point	431432	7586	56.2	6.202	135							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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — AUG MONTH

 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL DS = 8	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75					.6													1	1		
70/ 69			.6															1	1	1	
68/ 67			2.8	.6														6	6		
66/ 65		1.1	.6															3	3	1	1
64/ 63		2.2	2.2															8	8	7	4
62/ 61	1.1	3.9	2.2	1.1	.6													16	16	12	8
60/ 59	1.1	2.2	2.2	1.1														12	12	12	12
58/ 57	6.1	9.4	1.7	1.1	.6													34	34	27	20
56/ 55	5.6	5.6	2.8															25	25	28	29
54/ 53	1.7	6.7	1.7															18	18	24	17
52/ 51	3.9	1.7	3.3															16	16	16	18
50/ 49	4.4	7.8	.6															23	23	23	31
48/ 47	1.7	1.1	.6															6	6	15	15
46/ 45	.6	1.1	.6															4	4	3	11
44/ 43	.6	1.1																3	3	5	5
42/ 41	.6	1.1																3	3	3	3
40/ 39																				2	2
38/ 37	.6																	1	1	1	3
36/ 35																					1
TOTAL	27.8	45.0	21.7	3.9	1.7														180		180
																		180		180	

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.	1474821	16211	90.1	9.105	180							
Dry Bulb	560007	9983	55.5	5.951	180			4.1	.5			93
Wet Bulb	526958	9688	53.8	5.557	180			.5				93
Dew Point	501756	9448	52.5	5.712	180							93

FORM 0-26-5 (01 A1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.	W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
82/ 81								.6										1		1		
80/ 79					1.7			.6										4		4		
78/ 77					2.2		1.1											6		6		
76/ 75					1.1		1.1	1.1										6		6		
74/ 73				.6	.6	1.7	1.1											7		7		
72/ 71				1.7	3.3	1.7												12		12	3	
70/ 69		.6	1.7	1.7	2.2	1.1												15		13	5	
68/ 67		.6	1.7	1.1	1.7	.6												10		10	6	5
66/ 65			2.8	3.3	1.1	.6												14		14	12	4
64/ 63		4.4	2.2	3.3	2.2	1.1	.6											25		25	19	8
62/ 61	1.1	3.9	1.7	1.7	1.1													17		17	30	12
60/ 59	1.7	5.5	2.2	1.7	.6													21		21	29	34
58/ 57	4.4	5.0	.6	1.7														21		21	27	23
56/ 55	.6	3.9	1.1	.6														11		11	17	26
54/ 53	1.1		.6															3		3	17	31
52/ 51	.6		1.1															3		3	6	10
50/ 49		1.7	.6															4		4	3	6
48/ 47		1.1	.6															3		3	4	8
46/ 45																					3	7
44/ 43																						3
42/ 41																						2
TOTAL	9.4	26.5	16.6	17.1	17.7	6.6	3.9	2.2												181		161
																		181			181	

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.	1105569	13893	76.8	14.755	181							
Dry Bulb	745662	11542	63.8	7.323	181			30.3	12.3	1.5		93
Wet Bulb	637566	10700	59.1	5.283	181			7.2				93
Dew Point	569246	10104	55.8	5.379	181			2.6				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B	TOTAL Dry Bulb	Wet Bulb	Dew Point
86/ 85							.6	1.1	.6	1.1								6		6		
84/ 83							2.2	1.1	1.7									9		9		
82/ 81							1.7	.6	1.1	1.1								8		8		
80/ 79					1.1	1.1		.6										5		5		
78/ 77					.6	.6	.6	3.4	1.1									11		11		
76/ 75						3.4	5.6	2.2										20		20		
74/ 73					2.8	1.7	4.5	1.1										18		18	1	
72/ 71				1.1	2.2	.6	2.2	1.1										13		13	10	
70/ 69			.6	1.1	1.7	2.2	1.1	.6										13		13	8	
68/ 67			1.1	.6	1.7	2.8	1.1											13		13	12	6
66/ 65		.6	1.7	1.1	.6	.6	1.1											10		10	18	5
64/ 63		1.7	.6		.6	.6												6		6	34	7
62/ 61	.6	2.2	1.7			.6												9		9	20	19
60/ 59	3.9	1.1	.6	.6														11		11	28	33
58/ 57		1.7	2.8	1.7														11		11	14	12
56/ 55	.6	2.8																6		6	9	27
54/ 53			2.2															4		4	13	21
52/ 51			1.7															3		3	3	11
50/ 49		.6	.6															2		2	5	21
48/ 47																					3	8
46/ 45																						6
44/ 43																						2
TOTAL	5.1	10.7	13.5	6.2	11.2	14.0	20.8	11.8	4.5	2.2									178			178
																		178		178		

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.	784015	11415	64.1	17.137	178							
Dry Bulb	876702	12390	69.6	8.980	178			60.6	40.2	12.5		93
Wet Bulb	676089	10925	61.4	5.601	176			16.2	.5			93
Dew Point	562742	9952	56.0	5.423	178			3.1				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 68-70 YEARS AUG MONTH

 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24-25	26-27	28-29	30	≥31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.9								1	1	
86/ 85							.9			1.9									3	3	
84/ 83							1.9	1.9	1.9	.9									7	7	
82/ 81						1.9	.9	.9	1.9	.9									7	7	
80/ 79					.9		.9	.9	.9	2.8									7	7	
78/ 77					.9	1.9	1.9	5.6											11	11	
76/ 75						1.9	7.4	.9	.9										12	12	
74/ 73					.9	3.7	2.8	3.7											12	12	1	
72/ 71				.9	3.7	.9	1.9	2.8											11	11	7	
70/ 69				.9	1.9	4.6		1.9	.9										11	11	6	
68/ 67				.9		5.6	4.6												12	12	7	4
66/ 65					.9														1	1	14	4
64/ 63		.9																	1	1	24	1
62/ 61		.9																	1	1	11	6
60/ 59				.9	.9														2	2	15	22
58/ 57			1.9	.9															3	3	9	7
56/ 55				.9															1	1	3	11
54/ 53			3.7																4	4	3	10
52/ 51			.9																1	1	4	11
50/ 49																					3	16
48/ 47																					1	8
46/ 45																						5
40/ 39																						1
TOTAL	1.9	6.5	5.6	10.2	20.4	23.1	18.5	6.5	6.5	.9									108		108	108
																			108		108	

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.	343811	5947	55.1	12.358	108							
Dry Bulb	579241	7863	72.8	7.955	108			80.9	51.7	18.9		93
Wet Bulb	420497	6713	62.2	5.498	108			18.1	.9			93
Dew Point	331363	5949	55.1	5.858	108			3.4				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — SEP MONTH

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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			.5															1	1		
64/ 63		.5																1	1		
62/ 61	.5	.5	.5															3	3	3	1
60/ 59		2.2	1.1															6	6	2	3
58/ 57	2.7	4.4	4.9															22	22	14	9
56/ 55	1.6	3.8	3.3															16	16	13	9
54/ 53	.5	6.6	2.2	.5														18	18	17	8
52/ 51	.5	3.3	.5															8	8	18	13
50/ 49	8.2	9.3	1.1															34	34	30	44
48/ 47	2.7	3.3																11	11	17	22
46/ 45	2.2	1.6																7	7	12	11
44/ 43	2.7	2.7																10	10	9	10
42/ 41	4.4	4.4																16	16	12	16
40/ 39		2.7																5	5	7	4
38/ 37	1.1	1.1																4	4	7	7
36/ 35	.5	3.3																7	7	6	4
34/ 33	1.1																	2	2	4	9
32/ 31	1.1	.5																3	3	2	3
30/ 29	2.2	.5																5	5	6	5
28/ 27	1.6																	3	3	3	4
26/ 25	.5																	1	1	1	1
TOTAL	34.2	50.8	14.2	.5															183		183
																		183		183	

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.	1555370	16812	91.9	7.729	183							
Dry Bulb	440839	8847	48.3	8.496	183		5.9					90
Wet Bulb	417636	8620	47.1	7.984	183		5.9					90
Dew Point	398766	8424	46.0	7.769	183		6.4					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

34199 STATION — SIEGENBURG GERMANY G.JNNERY RANGE STATION NAME — 68-70 YEARS — SEP MONTH

 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL Wet Bulb	Dew Point
74/ 73						.5												1	1	
72/ 71					.5	.5												2	2	
70/ 69					1.1	1.1	.5											5	5	
68/ 67		.5	1.1		2.2	1.1	.5											10	10	1
66/ 65		.5	1.6	1.6	1.1	.5												10	10	1 1
64/ 63		1.1	2.2	2.2	.5	.5	.5											13	13	6
62/ 61		1.6	3.8	2.2	3.8													21	21	8 4
60/ 59		2.2	6.5	8.1	1.6													34	34	18 10
58/ 57	1.6	3.8	2.2	4.8	.5													24	24	27 13
56/ 55	.5	2.2	2.7	2.7	1.1													17	17	29 19
54/ 53	.5	3.2	2.2	1.6														14	14	27 26
52/ 51		1.6	1.1	.5														6	6	23 14
50/ 49	1.1	1.1	2.2		.5													9	9	11 35
48/ 47	.5	.5	1.1															4	4	13 19
46/ 45		.5	.5															2	2	3 11
44/ 43	.5	1.1	.5															4	4	4 12
42/ 41		2.7																5	5	4 7
40/ 39		1.1																2	2	4 3
38/ 37		.5																1	1	2 7
36/ 35		.5																1	1	1 2
34/ 33																				1 2
30/ 29		.5																1	1	1
28/ 27																				1
TOTAL	4.8	25.3	27.4	24.2	12.9	3.8	1.6												186	186
																		185		186

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.	1135054	14354	77.2	12.134	186							
Dry Bulb	825907	10703	57.5	7.361	186		.5	8.7	.5			90
Wet Bulb	538279	9939	53.4	6.231	186		.5	.5				90
Dew Point	474638	9322	50.1	5.340	186		.5					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — SEP MONTH

PAGE 1 — 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77							.5	.5										2	2	
76/ 75					.5		1.6	1.1										6	6	
74/ 73				1.6	.5	1.6	2.2	1.6										14	14	
72/ 71			.5		1.6	1.1	3.2	1.1										14	14	
70/ 69				.5	3.8	2.7	1.6											16	16	2
68/ 67		1.1	1.1	2.2	1.6	5.4	.5	.5										23	23	3 2
66/ 65			.5	3.2	2.2	4.9	1.1											22	22	7 4
64/ 63		.5	1.6	3.2	2.7	2.7	.5											21	21	16 2
62/ 61	.5	1.1	2.2	1.1	3.8	1.1	1.6											21	21	24 4
60/ 59	.5	.5	1.6	1.1	2.2	1.1												13	13	28 11
58/ 57			3.2	2.7	3.2													17	17	25 18
56/ 55		1.1	2.2	.5	.5													8	8	27 11
54/ 53	.5	.5	.5	.5														4	4	22 31
52/ 51			1.1															2	2	18 11
50/ 49			.5															1	1	8 46
48/ 47																				3 14
46/ 45			.5															1	1	1 15
44/ 43																				5
42/ 41																				1 4
40/ 39																				6
38/ 37																				1
TOTAL	1.6	4.9	15.7	16.8	22.7	20.5	13.0	4.9											185	185
																		185	185	

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.	794177	11873	64.2	13.226	185							
Dry Bulb	783093	11983	64.8	6.132	185			36.5	10.7			90
Wet Bulb	615281	10691	57.5	4.875	185			2.4				90
Dew Point	503594	9592	51.8	5.834	185			1.0				90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 STATION SIEGENBURG GERMANY GUNNERY RANGE STATION NAME 68-70 YEARS 552 WBAN

 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77						.8	2.5	.8										5	5	
76/ 75				1.7				1.7										4	4	
74/ 73						1.7	5.9	5.1										15	15	
72/ 71				1.7	.8		3.4	.8										8	8	
70/ 69				.8	3.4	.8	3.4											10	10	2
68/ 67		.8		.8	5.1	7.6		1.7										19	19	2	1
66/ 65		.8		2.5	1.7	3.4	1.7											12	12	5	1
64/ 63			.8		3.4	4.2	2.5											13	13	9	1
62/ 61		.5	.8	1.7	1.7	2.5	2.5											12	12	15	2
60/ 59	.8	1.7	.8	3.4	1.7	1.7												12	12	23	5
58/ 57			.8	4.2														6	5	19	5
56/ 55																				13	9
54/ 53																				16	17
52/ 51			.8															1	1	7	4
50/ 49			.8															1	1	4	34
48/ 47																				2	8
46/ 45																					6
44/ 43																					7
42/ 41																					5
40/ 39																					4
TOTAL	.8	4.2	5.1	16.9	17.8	22.9	22.0	10.2										118	118	118	118
																		118		118	

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.	438547	7025	59.5	13.179	118							
Dry Bulb	527065	7857	66.6	5.780	118			46.5	18.3			90
Wet Bulb	399508	6644	58.0	4.674	118			3.1				90
Dew Point	316955	6075	51.5	5.988	118			.8				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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-40	TOTAL DB MB	TOTAL B	TOTAL Wet Bulb	TOTAL Dew P
58/ 57		.5																1	1		
56/ 55		.5																1	1	1	
54/ 53	3.1	3.1	.5															13	13	11	8
52/ 51	1.6	4.2	1.6															14	14	10	7
50/ 49	11.0	3.1		.5														28	28	28	35
48/ 47	3.7	3.1		.5														14	14	15	8
46/ 45	4.2	2.1		.5														13	13	12	12
44/ 43	1.6	2.1	.5	.5														9	9	10	12
42/ 41	2.1	4.2	1.0															14	14	7	10
40/ 39	2.6	3.7																12	12	20	8
38/ 37	6.8	2.6																18	18	21	24
36/ 35	6.4	2.1																20	20	21	23
34/ 33	4.2	1.0																10	10	11	13
32/ 31	7.3																	14	14	14	19
30/ 29	2.1	.5																5	5	4	3
28/ 27	1.0																	2	2	3	3
26/ 25	.5	.5																2	2	2	2
24/ 23		.5																1	1		1
22/ 21																				1	
20/ 19																					1
TOTAL	60.2	34.0	3.7	2.1															191		191
																		191		191	

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	±89 F	±93 F	Total
Rel. Hum.	1736251	18143	95.0	8.226	191							
Dry Bulb	352696	8076	42.3	7.685	191		11.7					93
Wet Bulb	341354	7948	41.6	7.475	191		11.7					93
Dew Point	330139	7807	40.9	7.620	191		14.1					93

USAFETAC FORM 9-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

STATION STATION NAME YEARS

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt.
62/ 61					.5													1	1		
60/ 59			.5	2.1	1.0													7	7		
58/ 57		3.6	2.1	.5														12	12	3	1
56/ 55	.5	2.1	2.6			.5												11	11	13	6
54/ 53	1.0	6.2	2.1	1.5	.5													22	22	16	6
52/ 51	1.0	6.2	2.6	.5														20	20	16	18
50/ 49	2.1	2.6	3.6	1.0	1.0													20	20	21	24
48/ 47	2.1	3.6	3.6	.5														19	19	21	14
46/ 45	2.1	2.1		2.1														12	12	19	14
44/ 43	1.0	4.6	.5	1.5														15	15	19	13
42/ 41	3.1	6.2	.5															19	19	15	25
40/ 39	3.1	4.6																15	15	21	15
38/ 37	4.6	1.0																11	11	19	23
36/ 35	2.1	.5																5	5	6	14
34/ 33	1.0	.5																3	3	4	8
32/ 31	1.0																	2	2	2	7
30/ 29	.5																	1	1	1	2
TOTAL	25.1	44.1	19.5	8.7	2.1	.5													195		195
																		195		195	

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.	1510072	17006	87.2	11.792	195							
Dry Bulb	446692	9236	47.4	6.971	195		1.4					93
Wet Bulb	410670	8862	45.4	6.392	195		1.4					93
Dew Point	377902	8486	43.5	6.661	195		4.3					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 60-70 YEARS — OCT MONTH

PAGE 1 — 1200-1400 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.5											1	1		
70/ 69					.5													1	1		
68/ 67			.5		2.1	1.0												7	7		
66/ 65				1.0	.5		.5											4	4	1	
64/ 63			1.0	1.6	3.1		.5											12	12	1	1
62/ 61			1.6	2.6	3.6	1.0												17	17	1	
60/ 59			5.7	2.6		.5												17	17	8	
58/ 57		1.0	2.1	2.1	1.0													12	12	12	1
56/ 55		2.1	1.0	2.1	3.6	.5												18	18	29	7
54/ 53		4.7	2.6	2.6	1.0													21	21	20	17
52/ 51		2.1	3.6	.5		.5												13	13	17	19
50/ 49	1.0	4.2	3.6	1.6	1.6	.5												24	24	19	28
48/ 47	.5	2.6	.5															7	7	29	17
46/ 45	1.0	1.0		.5														5	5	14	15
44/ 43	.5	1.6		1.0														6	6	9	17
42/ 41	1.0	3.1	2.1															12	12	5	21
40/ 39	3.1	1.6	.5															10	10	13	12
38/ 37	2.1																	4	4	10	7
36/ 35	.5																	1	1	1	7
34/ 33																					7
32/ 31																					5
30/ 29																					1
TOTAL	9.9	24.0	25.0	18.2	17.2	4.2	1.6											192	192	192	192

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.	1164247	14639	76.5	14.555	192							
Dry Bulb	561856	10272	53.5	8.026	192			4.4				93
Wet Bulb	477201	9493	49.4	6.407	192							93
Dew Point	410220	8790	45.8	6.432	192		2.9					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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							1.0	1.0										2	2		
68/ 67			2.1	1.0	4.2	4.2												11	11		
66/ 65				1.0	1.0	2.1												4	4	1	
64/ 63				2.1		1.0	1.0											4	4	1	1
62/ 61			1.0	2.1	3.1		1.0											7	7	2	1
60/ 59		1.0		6.3	1.0	1.0												9	9	11	1
58/ 57	2.1		3.1	2.1	5.2													12	12	8	3
56/ 55		2.1	2.1	3.1	6.3													13	13	3	5
54/ 53		3.1	4.2	3.1	1.0	2.1												13	13	16	8
52/ 51			7.3	2.1														9	9	11	5
50/ 49		2.1	1.0	2.1														5	5	14	18
48/ 47																				15	10
46/ 45		1.0																1	1	5	7
44/ 43	1.0																	1	1	4	14
42/ 41		1.0	1.0															2	2		10
40/ 39	1.0	1.0	1.0															3	3	2	7
38/ 37																				3	1
36/ 35																					1
34/ 33																					2
32/ 31																					2
TOTAL	4.2	11.5	22.9	25.0	21.9	10.4	3.1	1.0										96	96	96	96

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.	492340	6752	70.3	13.553	96							
Dry Bulb	317105	5475	57.0	7.152	96			12.6				93
Wet Bulb	258777	4953	51.6	5.834	96							93
Dew Point	215718	4510	47.0	6.359	96		1.9					93

USAFETAC FORM 0-26-5 (01, A1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 NOV

STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49			.8															1	1		
48/ 47		.8	1.7	.8														4	4		
46/ 45		2.5	.8	.8														5	5	2	
44/ 43		2.5	.8	.8														5	5	6	3
42/ 41	7.6	6.7																17	17	14	12
40/ 39	3.4	6.7																12	12	16	15
38/ 37	1.7	5.0																8	8	12	8
36/ 35	.8	11.8	.8															16	16	9	12
34/ 33	3.4	4.2																9	9	17	14
22/ 31	15.1	3.4																22	22	23	28
30/ 29	7.6																	9	9	9	15
28/ 27	3.4																	4	4	4	3
26/ 25	.8																	1	1	1	7
24/ 23	4.2	.8																6	6	6	4
22/ 21																					3
TOTAL	47.9	44.5	5.0	2.5															119		119
																		119		119	

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.	1035012	11054	92.9	8.335	119							
Dry Bulb	156918	4262	35.8	6.018	119		31.8					90
Wet Bulb	148945	4161	35.0	5.407	119		32.5					90
Dew Point	139686	4030	33.9	5.214	119		41.6					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

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 NOV

STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100 HOUR

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	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				.8														1	1		
50/ 49			1.7		1.7													4	4		
48/ 47	.8		4.1		.8													7	7	3	1
46/ 45		5.0	3.3	.8														11	11	8	
44/ 43	.8	5.8	2.5	.8														12	12	10	5
42/ 41	5.0	6.6	1.7															16	16	25	18
40/ 39	1.7	5.8	.8															10	10	9	10
38/ 37	1.7	3.3																6	6	12	15
36/ 35	.8	8.3	3.3															15	15	5	9
34/ 33	6.6	5.8																15	15	23	14
32/ 31	4.1	3.3																9	9	11	22
30/ 29	4.1	3.3																9	9	11	12
28/ 27	.8	1.7																3	3	2	7
26/ 25	1.7	.8																3	3	5	2
24/ 23																					2
22/ 21																					2
20/ 19																					1
TOTAL	28.1	49.6	17.4	2.5	2.5														121		121
																		121		121	

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.	937453	10971	87.4	10.775	121							
Dry Bulb	182209	4533	38.3	6.334	121		17.9					90
Wet Bulb	167174	4448	36.6	5.526	121		21.6					90
Dew Point	148921	4195	34.7	5.387	121		35.7					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

94199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — NOV MONTH

 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
56/ 55					2,6															3	3		
54/ 53					1,7															2	2		
52/ 51					3,5															4	4		
50/ 49		,9	5,2	,9																8	8	2	
48/ 47			12,2	1,7																16	16	3	1
46/ 45	,9	6,1	1,7	,9																11	11	15	1
44/ 43	2,6	2,6																		6	6	25	7
42/ 41	2,6	5,2	1,7																	11	11	11	20
40/ 39	2,6	6,1	2,6																	13	13	10	15
38/ 37	,9	5,2																		7	7	12	9
36/ 35		7,0																		8	8	5	18
34/ 33	,9	5,2	1,7																	9	9	13	7
32/ 31	6,1	2,6																		10	10	11	23
30/ 29	,9	1,7	,9																	4	4	5	5
28/ 27	,9		,9																	2	2	2	3
26/ 25	,9																			1	1	3	2
24/ 23																							1
22/ 21																							1
20/ 19																							2
TOTAL	19,1	42,6	27,0	3,5	7,8																115		115
																				115		115	

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.	803587	9497	82,6	13,011	115							
Dry Bulb	200011	4737	41,1	7,078	115		13,3					90
Wet Bulb	176739	4459	38,8	5,808	115		16,4					90
Dew Point	151040	4122	35,8	5,375	115		29,0					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

34199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — NOV MONTH

 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57					4,1													2	2		
52/ 51					6,1													3	3		
50/ 49		4,1	8,2	2,0														7	7	2	
48/ 47			6,1	2,0														4	4	3	1
46/ 45		10,2	8,2	4,1														11	11	6	1
44/ 43		10,2																5	5	13	2
42/ 41	2,0	2,0	6,1															5	5	7	12
40/ 39		2,0																1	1	3	5
38/ 37		2,0																1	1	4	5
36/ 35		8,2																4	4	1	6
34/ 33	2,0																	1	1	5	4
32/ 31		2,0	2,0															2	2		7
30/ 29		4,1	2,0															3	3	3	
28/ 27																				1	1
26/ 25																				1	2
22/ 21																					1
20/ 19																					1
TOTAL	4,1	44,9	32,7	8,2	10,2														49		49
																		49		49	

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.	293475	3753	76,6	11,204	49							
Dry Bulb	95273	2135	43,6	6,343	49		9,2					90
Wet Bulb	81632	1980	40,4	5,816	49		9,2					90
Dew Point	66647	1755	36,4	5,813	49		22,0					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94199 STATION — SIEGENBURG GERMANY GUNNERY RANGE STATION NAME — 68-70 YEARS — DEC MONTH

PAGE 1 0600-0900 HOURS

Temp (°F)	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45			.7															1	1	
44/ 43		.7	.7															2	2	
42/ 41		3.6	.7															6	6	3
40/ 39																				5 2
38/ 37																				1 4
36/ 35																				3
34/ 33	2.1	1.4																5	5	5 2
32/ 31	11.4	16.4																39	39	25 19
30/ 29	9.3	6.4																22	22	33 26
28/ 27	5.7	2.1																11	11	12 18
26/ 25	2.1	3.6																8	8	6 10
24/ 23	1.4	5.7																10	10	8 3
22/ 21	.7																	1	1	7 12
20/ 19	.7	1.4																3	3	2 6
18/ 17	2.1	1.4																5	5	6 1
16/ 15	3.6																	5	5	5 6
14/ 13	.7	1.4																3	3	2 6
12/ 11	1.4	.7																3	3	3 1
10/ 9	1.4	.7																3	3	4 4
8/ 7																				2
6/ 5	.7	1.4																3	3	1 2
4/ 3		.7																1	1	3 1
2/ 1	.7	.7																2	2	2
0/ -1	2.9																	4	4	4
-2/ -3	2.1																	3	3	3 10
-4/ -5																				2
TOTAL	49.3	48.6	2.1																140	140
																		140		140

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	≥ 85 F	≥ 93 F	Total
Rel. Hum.	1152794	12658	90.4	7.741	140							
Dry Bulb	103758	3516	25.1	10.545	140	4.7	83.7					93
Wet Bulb	99156	3436	24.5	10.328	140	4.7	83.7					93
Dew Point	89484	3174	22.7	11.228	140	8.0	85.7					93

USAFETAC FORM 0-26-5 (OL A) 7/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 DEC

STATION NAME YEARS MONTH

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21	22-23	24	25-26	27	28-29	30 & Over	TOTAL D.B. & W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			1.5																	2	2		
46/ 45		.7	.7																	2	2	2	
44/ 43		2.2	1.5																	5	5	2	
42/ 41																						4	2
40/ 39																						1	4
38/ 37																							
36/ 35	1.5	2.2																		5	5	2	5
34/ 33	3.7	4.5																		11	11	13	2
32/ 31	9.0	11.9																		28	28	22	21
30/ 29	5.2	11.2																		22	22	28	20
28/ 27	6.0	2.2																		11	11	10	19
26/ 25	3.0	3.0																		8	8	8	9
24/ 23	1.5	5.2																		9	9	7	9
22/ 21		2.2																		3	3	3	7
20/ 19	3.0		.7																	5	6	6	4
18/ 17	.7	1.5	.7																	4	4	1	9
16/ 15	3.7																			5	5	9	
14/ 13	1.5	2.2																		3	5	3	7
12/ 11	.7																			1	1	3	1
10/ 9																							1
8/ 7	.7																			1	1	1	4
6/ 5	.7	.7																		2	2	2	4
4/ 3		1.5																		2	2		1
2/ 1																						2	
-2/ -3																							1
-4/ -5	2.2																			3	3	1	3
-6/ -7																							2
TOTAL	43.3	51.5	5.2																		135		134
																				134		134	

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.	1070331	11911	88.9	9.333	134							
Dry Bulb	109004	3616	26.8	9.522	135	2.1	75.8					93
Wet Bulb	102571	3495	26.1	9.264	134	2.1	76.3					93
Dew Point	90327	3205	23.9	10.138	134	4.2	84.0					93

USAFETAC FORM 0-26-5 (OL A) 70 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (YEARS) DEC (MONTH)

PAGE 1 1200-1400

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						Dry Bulb	Wet Bulb	Dew Point	
50/ 49			.8																				1	1		
48/ 47			.8																				1	1		
46/ 45		.8	2.5																				4	4	1	
44/ 43		.8	.8																				2	2	2	
42/ 41		.8	.8																				2	2	5	
40/ 39		.8																					1	1	2	3
38/ 37		4.2																					5	5	2	6
36/ 35		6.7																					8	8	5	4
34/ 33	3.4	5.0																					10	10	15	8
32/ 31	9.9	16.8	.8																				28	28	12	16
30/ 29	5.9	6.7	.8																				16	16	29	22
28/ 27	3.4	3.4																					8	8	10	14
26/ 25	.8	6.7																					9	9	4	5
24/ 22		11.8																					14	14	11	3
22/ 21																									11	10
20/ 19		.8																					1	1		10
18/ 17	.8	1.7																					3	3	4	2
16/ 15	1.7																						2	2	2	3
14/ 13	.3																						1	1	1	9
12/ 11																										1
10/ 9	.8																						1	1	1	
8/ 7																										1
6/ 5	1.7																						2	2	2	
4/ 3																										2
TOTAL	25.2	67.2	7.6																				119	119		119
																							119		119	

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.	904782	10322	86.7	8.952	119							
Dry Bulb	113105	3555	29.9	7.649	119		66.4					93
Wet Bulb	104806	3418	28.7	7.210	119		68.0					93
Dew Point	89199	3129	26.3	7.661	119		76.6					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

34199 STATION | SIEGENSBURG GERMANY GUNNERY RANGE STATION OR RANGE | 68-70 YEARS | DEC MONTH

 1500-1700 HOUR

Temp (°F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			4.3															1	1	
46/ 45			4.3															1	1	
44/ 43																			1	
42/ 41																			1	
40/ 39		4.3																1	1	
38/ 37		4.3																1	1	1 2
36/ 35	4.3	8.7																3	3	2 2
34/ 33		4.3																1	1	3 1
32/ 31		13.0																3	3	1 1
30/ 29		8.7																2	2	3 3
28/ 27		4.3	4.3															2	2	1 1
26/ 25		4.3																1	1	2 2
24/ 23		26.1																6	6	3 2
22/ 21																				4 3
20/ 19																				3
18/ 17	4.3																	1	1	1 1
16/ 15																				1
14/ 13																				1
TOTAL	8.7	78.3	13.0															23	23	23
																		23	23	

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.	159464	1906	82.9	8.297	23							
Dry Bulb	22672	702	30.5	7.525	23		60.7					93
Wet Bulb	20316	666	29.0	6.846	23		60.7					93
Dew Point	16460	596	25.8	7.133	23		72.8					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

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

STATION — STATION NAME — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN						49.4							49.4
	S D						.894							.894
	TOTAL OBS						5							5
06-08	MEAN	25.2	26.9	30.6	40.3	48.6	56.6	58.1	55.5	48.3	42.9	35.8	25.1	42.9
	S D	7.662	9.427	8.251	6.980	7.215	6.490	6.637	5.951	8.496	7.685	6.018	10.945	14.022
	TOTAL OBS	114	111	120	135	139	164	188	180	188	191	119	140	1780
09-11	MEAN	26.8	27.9	34.8	45.1	57.1	63.6	66.3	65.8	57.5	47.4	38.3	26.8	46.7
	S D	7.488	9.008	7.373	7.626	8.625	8.833	9.079	7.525	7.361	6.971	6.394	9.522	16.387
	TOTAL OBS	112	111	119	138	134	166	195	181	186	198	121	138	1793
12-14	MEAN	30.3	31.7	38.9	49.1	61.6	67.7	71.8	69.6	64.8	53.5	41.1	29.9	53.7
	S D	6.311	8.216	7.422	8.888	9.318	10.047	9.686	8.950	6.132	8.026	7.078	7.649	17.245
	TOTAL OBS	110	111	116	138	135	165	190	178	185	192	115	119	1754
15-17	MEAN	32.1	32.7	41.5	50.5	64.2	69.7	74.7	72.8	66.6	57.0	43.6	30.5	55.1
	S D	6.244	6.879	6.932	9.695	10.081	9.598	10.005	7.955	5.780	7.152	6.843	7.525	16.470
	TOTAL OBS	41	53	73	89	103	110	135	108	118	96	49	23	998
18-20	MEAN				57.0	67.0								63.4
	S D				10.271	12.728								12.525
	TOTAL OBS				5	9								14
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	27.9	29.4	35.9	46.0	57.7	63.8	67.2	64.6	58.6	49.0	39.0	27.3	50.1
	S D	7.486	8.926	8.548	9.166	10.738	10.109	10.614	9.948	10.068	9.206	7.018	9.493	16.966
	TOTAL OBS	377	386	451	505	516	610	708	647	672	674	404	417	6344

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN						47.6							47.6
	S D						.894							.894
	TOTAL OBS						5							3
06-08	MEAN	24.8	26.3	29.7	38.4	45.7	53.6	55.5	53.8	47.1	41.6	35.0	24.5	41.4
	S D	7.276	9.073	7.737	6.400	6.182	5.816	5.538	5.557	7.984	7.675	5.407	10.328	13.116
	TOTAL OBS	114	111	120	125	135	164	188	180	189	191	119	140	1780
09-11	MEAN	26.8	27.2	33.3	42.1	50.7	56.6	59.6	59.1	53.4	45.4	36.8	24.1	45.2
	S D	7.100	8.666	6.526	6.511	6.268	5.765	6.154	5.283	6.231	6.892	5.516	9.264	13.860
	TOTAL OBS	112	111	119	138	134	166	195	181	186	195	121	134	1792
12-14	MEAN	29.5	30.6	36.6	44.7	52.9	58.7	62.0	61.4	57.5	49.6	38.8	28.7	48.2
	S D	5.740	7.749	6.278	6.940	6.370	6.306	5.997	5.601	4.875	6.407	5.808	7.210	13.466
	TOTAL OBS	110	111	116	138	135	165	195	175	185	192	119	119	1754
15-17	MEAN	31.2	31.3	38.8	44.7	53.7	59.5	63.3	62.2	56.0	51.6	40.4	29.0	51.0
	S D	5.826	6.348	5.645	6.681	6.536	6.106	6.369	5.498	4.674	5.634	5.816	6.846	12.308
	TOTAL OBS	41	53	73	89	103	110	135	108	118	86	49	23	998
18-20	MEAN				48.2	59.1								52.3
	S D				5.933	3.462								8.389
	TOTAL OBS				5	9								14
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	27.3	28.5	34.1	42.3	50.7	56.9	59.9	58.9	53.6	46.4	37.2	26.3	46.0
	S D	7.020	8.468	7.432	7.120	7.085	6.311	6.671	6.370	7.574	7.567	5.892	9.143	13.752
	TOTAL OBS	377	396	428	505	516	610	708	647	672	674	404	416	6363

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

STATION		STATION NAME												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN						46.0							46.0
	S.D.						1,225							1,225
	TOTAL OBS						5							5
06-08	MEAN	23.7	24.7	27.9	35.9	42.9	51.1	53.5	52.5	46.0	40.9	33.9	22.7	39.7
	S.D.	7,131	9,387	7,724	6,663	6,210	5,307	5,419	5,712	7,769	7,620	5,214	11,228	13,098
	TOTAL OBS	114	111	120	135	135	164	188	180	183	191	119	140	1780
09-11	MEAN	23.0	25.5	30.8	38.7	44.8	51.8	55.0	55.5	50.1	43.5	34.7	23.9	42.0
	S.D.	7,097	9,089	6,411	6,378	6,590	5,428	5,937	5,579	6,340	6,661	5,387	10,138	13,106
	TOTAL OBS	112	111	119	138	134	166	195	181	186	193	121	134	1792
12-14	MEAN	27.9	28.6	33.5	40.1	45.1	52.2	55.6	56.0	51.8	45.8	35.8	26.3	43.6
	S.D.	5,573	8,326	5,975	6,429	6,659	5,776	5,830	5,435	5,834	6,432	3,375	7,661	12,133
	TOTAL OBS	110	111	116	128	135	165	190	178	183	192	113	119	1754
15-17	MEAN	29.3	28.7	35.5	38.6	44.6	52.2	56.2	55.1	51.5	47.0	36.4	25.8	45.7
	S.D.	5,936	6,595	5,121	5,659	6,785	6,050	6,202	5,855	5,905	6,359	5,813	7,133	11,046
	TOTAL OBS	41	53	73	29	103	110	135	103	118	95	49	23	928
18-20	MEAN				39.8	45.0								43.1
	S.D.				5,565	8,426								8,382
	TOTAL OBS				5	9								14
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	25.9	26.5	31.3	38.3	44.4	51.8	55.0	54.8	49.7	43.9	35.0	24.3	42.4
	S.D.	6,560	8,798	7,052	6,369	6,633	5,418	5,900	5,746	6,970	7,186	5,446	9,837	12,681
	TOTAL OBS	377	386	428	303	316	610	708	667	672	674	404	416	6843

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94199 STATION | SIEGENBURG GERMANY GUNNERY RANGE STATION NAME | 68-70 PERIOD | ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.5	71.6	91.9	377
FEB		100.0	100.0	100.0	100.0	100.0	100.0	99.6	88.7	54.0	88.5	386
MAR		100.0	100.0	100.0	100.0	100.0	98.1	91.0	67.6	35.9	84.1	428
APR		100.0	100.0	100.0	90.4	87.3	73.9	65.2	31.9	13.0	71.5	505
MAY		100.0	100.0	99.2	83.2	63.9	49.0	38.8	16.7	7.8	61.5	516
JUN		100.0	100.0	100.0	95.2	80.2	66.5	54.1	41.1	14.9	70.7	610
JUL		100.0	100.0	100.0	93.8	74.1	58.6	44.4	27.9	12.7	66.8	708
AUG		100.0	100.0	100.0	97.2	81.1	64.6	51.6	39.8	22.5	71.5	647
SEP		100.0	100.0	100.0	99.5	89.2	71.4	55.8	36.5	22.2	73.2	672
OCT		100.0	100.0	100.0	100.0	97.4	88.7	74.2	57.5	40.9	82.3	674
NOV		100.0	100.0	100.0	100.0	99.6	93.3	87.6	67.6	41.1	84.9	404
DEC		100.0	100.0	100.0	100.0	100.0	99.6	94.5	82.6	41.5	87.2	416
TOTALS		100.0	100.0	99.9	96.6	89.4	80.3	71.4	54.5	31.5	77.8	6343

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 69-70 JAN
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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.2	94.1	114
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	79.5	93.0	112
	12-14	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.7	66.4	91.0	110
	15-17	100.0	100.0	100.0	100.0	100.0	100.0	97.6	95.1	56.1	89.5	41
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.5	71.6	91.9	377

DATA PROCESSED
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 SIEGENBURG GERMANY QUARRY RANGE 69-70 FEB
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		
FEB	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	71.2	91.3	111
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.4	64.0	90.2	111
	12-14	100.0	100.0	100.0	100.0	100.0	100.0	98.2	86.5	48.6	87.7	111
	15-17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	73.6	32.1	84.9	53
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	99.6	88.7	34.0	88.5	386

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 69-70 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	89.2	54.2	89.7	120
	09-11	100.0	100.0	100.0	100.0	100.0	100.	95.8	70.6	42.9	85.4	119
	12-14	100.0	100.0	100.0	100.0	100.0	99.1	85.3	58.6	29.3	81.6	116
	15-17	100.0	100.0	100.0	100.0	100.0	93.2	83.6	52.1	12.3	79.6	73
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	100.0	98.1	91.0	67.6	35.9	84.1	428

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 APR
STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.3	97.8	95.6	65.9	35.6	84.4	135
	09-11	100.0	100.0	100.0	100.0	97.1	94.2	79.0	49.3	18.8	78.9	138
	12-14	100.0	100.0	100.0	96.6	94.9	76.8	65.2	29.7	7.2	72.8	138
	15-17	100.0	100.0	100.0	93.3	85.4	60.7	46.1	14.6	3.4	68.9	89
	18-20	100.0	100.0	100.0	60.0	60.0	40.0	40.0			55.8	5
	21-23											
TOTALS		100.0	100.0	100.0	90.4	87.3	73.9	65.2	31.9	13.0	71.3	505

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.3	99.3	89.7	54.1	28.9	81.5	135
	09-11	100.0	100.0	100.0	97.0	79.9	59.0	39.6	15.7	6.0	65.3	134
	12-14	100.0	100.0	100.0	80.7	54.1	36.3	23.7	9.6	3.0	56.6	135
	15-17	100.0	100.0	96.1	71.8	41.7	23.3	13.6	3.9	1.0	51.0	103
	18-20	100.0	100.0	100.0	66.7	44.4	33.3	33.3			53.1	9
	21-23											
TOTALS		100.0	100.0	99.2	83.2	63.9	49.0	38.8	16.7	7.8	61.8	816

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 JUN

STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	20.0	87.8	5
	06-08	100.0	100.0	100.0	100.0	99.4	94.8	84.1	59.1	30.5	82.4	164
	09-11	100.0	100.0	100.0	98.2	86.1	58.4	42.2	22.9	13.9	67.7	166
	12-14	100.0	100.0	100.0	92.1	63.6	44.2	24.2	15.2	7.3	59.9	165
	15-17	100.0	100.0	100.0	85.5	51.8	35.5	20.0	8.2	2.7	55.8	110
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	95.2	80.2	66.5	54.1	41.1	14.9	70.7	610

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
JUL	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.5	97.3	89.4	69.1	36.2	85.2	188
	09-11	100.0	100.0	100.0	99.0	82.1	63.6	47.7	27.2	9.7	68.8	195
	12-14	100.0	100.0	100.0	88.9	62.1	41.6	24.7	11.6	3.2	58.9	190
	15-17	100.0	100.0	100.0	87.6	52.6	31.9	15.6	3.7	1.5	54.1	135
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	93.8	74.1	58.6	44.4	27.9	12.7	66.8	709

USAF ETAC FORM JUL 64 0-87 5 (OL I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGSNBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (PERIOD) AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
AUG	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	97.2	85.6	59.4	90.1	180
	09-11	100.0	100.0	100.0	100.0	94.5	85.1	65.5	46.4	13.9	76.8	181
	12-14	100.0	100.0	100.0	97.2	74.2	46.6	32.6	22.5	10.7	64.1	178
	15-17	100.0	100.0	100.0	91.7	55.5	27.8	13.0	4.6		53.1	108
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	97.2	81.1	64.6	51.6	39.8	22.5	71.9	647

USAF ETAC FORM AUG 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELA VE HUMIDITY	TOTAL NO OF OBS
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.0	69.4	91.9	183
	09-11	100.0	100.0	100.0	100.0	90.4	81.4	70.4	39.2	16.1	77.2	186
	12-14	100.0	100.0	100.0	99.3	85.4	55.1	31.4	11.6	4.3	64.2	183
	15-17	100.0	100.0	100.0	98.3	78.9	39.0	21.2	6.8	3.1	54.5	118
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	99.3	89.2	71.4	55.0	36.3	22.2	73.2	672

USAF ETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70 OCT

STATION NUMBER STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 0%	10%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	96.9	94.2	82.7	95.0	191
	09-11	100.0	100.0	100.0	100.0	100.0	95.4	90.8	73.3	48.7	87.2	195
	12-14	100.0	100.0	100.0	100.0	95.8	85.4	62.0	38.5	22.9	76.5	192
	15-17	100.0	100.0	100.0	100.0	93.8	75.0	46.9	24.0	9.4	70.3	96
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	97.4	88.7	74.2	57.5	40.9	82.3	674

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 63-70 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	97.5	92.4	73.9	92.9	119
	09-11	100.0	100.0	100.0	100.0	100.0	96.7	93.4	75.2	49.6	87.4	121
	12-14	100.0	100.0	100.0	100.0	96.3	89.6	86.1	60.0	34.8	82.6	115
	15-17	100.0	100.0	100.0	100.0	100.0	87.8	73.5	42.9	8.1	76.8	49
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	99.6	93.3	87.6	67.6	41.1	84.9	404

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34199 (STATION) SIEGENBURG GERMANY GUNNERY RANGE (STATION NAME) 68-70 (PERIOD) DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
DEC	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.9	69.3	39.3	90.4	140
	09-11	100.0	100.0	100.0	100.0	100.0	98.5	94.8	85.8	36.0	88.9	134
	12-14	100.0	100.0	100.0	100.0	100.0	100.0	94.1	81.5	42.0	86.7	119
	15-17	100.0	100.0	100.0	100.0	100.0	100.0	91.3	78.9	8.7	82.9	23
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	100.0	99.6	94.5	82.6	41.3	87.2	416

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ASHEVILLE, NORTH CAROLINA

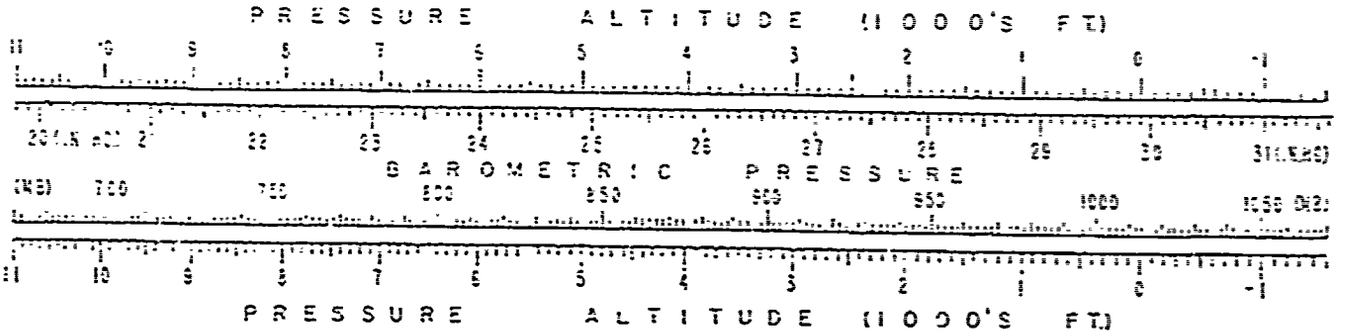
PART F PRESSURE SUMMARY

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 GMT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are contained 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.



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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

34199 SIEGENBURG GERMANY GUNNERY RANGE 68-70

STATION		STATION NAME					YEARS							
HRS LST		JAN	FEB	MAR	AL	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN						28,665							28,665
	S D													
	TOTAL OBS						2.							2.
07	MEAN	28,509	28,394	28,460	28,529	28,592	28,631	28,686	28,611	28,632	28,715	28,541	28,643	28,599
	S D	.340	.253	.213	.256	.196	.132	.155	.153	.166	.197	.267	.319	.236
	TOTAL OBS	35	37	40	45	45	55	63	61	62	64	41	47	598
10	MEAN	28,533	28,405	28,464	28,547	28,606	28,638	28,694	28,616	28,694	28,735	28,553	28,658	28,612
	S D	.340	.244	.216	.257	.189	.134	.146	.155	.174	.204	.270	.327	.237
	TOTAL OBS	37	37	39	46	44	55	65	61	61	65	40	45	593
13	MEAN	28,524	28,413	28,451	28,544	28,580	28,622	28,682	28,609	28,673	28,718	28,540	28,606	28,596
	S D	.342	.235	.229	.257	.189	.131	.147	.152	.177	.205	.269	.322	.234
	TOTAL OBS	37	37	39	46	45	55	62	59	60	64	38	40	582
16	MEAN	28,507	28,402	28,473	28,541	28,569	28,610	28,668	28,593	28,604	28,733	28,472	28,754	28,599
	S D	.311	.232	.222	.245	.177	.128	.150	.153	.166	.178	.205	.306	.205
	TOTAL OBS	11	21	24	34	39	48	58	40	68	38	20	5	381
19	MEAN													
	S D													
	TOTAL OBS													
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	28,520	28,404	28,461	28,540	28,587	28,626	28,683	28,609	28,683	28,725	28,534	28,641	28,602
	S D	.336	.299	.218	.252	.187	.131	.149	.152	.170	.197	.259	.320	.231
	TOTAL OBS	123	[illegible]	142	171	173	215	248	221	231	231	139	137	2158

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

34199 SIEGENBURG GERMANY GL...IERY RANGE
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN													
	S D													
	TOTAL OBS													
07	MEAN													
	S D													
	TOTAL OBS													
10	MEAN													
	S D													
	TOTAL OBS													
13	MEAN													
	S D													
	TOTAL OBS													
16	MEAN													
	S D													
	TOTAL OBS													
19	MEAN													
	S D													
	TOTAL OBS													
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN													
	S D													
	TOTAL OBS													