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USAFETAC/DS-80/036

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USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

ANSBACH AAF GERMANY/KATTERBACH          WBAN #34172  
N 49 19 E 010 38 FLD ELEV 1532 FT EDE3      WMO #

PARTS A-F

POR FROM HOURLY OBS    MAY 46-MAY 47, OCT 65-MAR 71,  
  JUN 71-DEC 72  
POR FROM DAILY OBS    OCT 65-DEC 72

OCT 29 1974

FEDERAL BUILDING  
ASHEVILLE, N. C.

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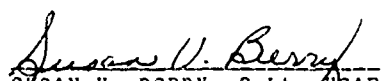
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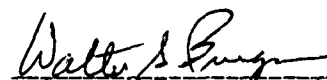
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This technical report has been reviewed and is approved for publication.

  
SUSAN V. BERRY, 2 Lt, USAF  
Information Retrieval  
Manager

FOR THE COMMANDER

  
WALTER S. BURGANN  
Scientific & Technical  
Information Officer

11312-03

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 80/036	2. GOVT ACCESSION NO. A- 100 21	3. RECIPIENT'S CATALOG NUMBER
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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 temperature                      Atmospheric pressure Snowfall                      Extreme snow depth                      Extreme surface winds Climatology                      Sea-level pressure                      Psychrometric summary Surface Winds                      Extreme temperature                      Ceiling versus visibility Relative humidity                      *Climatological data                      (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Ansbach AAF, Katterback, Germany It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

UNCLASSIFIED



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

\* Germany

\* Ansbach AAF, DL

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

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

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

### DAILY OBSERVATIONS

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

### DESCRIPTION OF SUMMARIES

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

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

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### 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 \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MARCH \_\_\_\_\_

APRIL \_\_\_\_\_

MAY \_\_\_\_\_

JUNE \_\_\_\_\_

JULY \_\_\_\_\_

AUGUST \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

OCTOBER \_\_\_\_\_

NOVEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
34172	ANSBACH AAF GERMANY/KATTERBACH	N 49 19	E 010 38	1542	EDER	

### 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	Ansbach AAF Germany	AAF	May 46	May 47	N 49 19	E 010 38	1550	1526	24
2	Same	Same	Oct 65	Nov 65	Same	Same	1542	1565	9&EM-F Closed Sat-Sun
3	Same	Same	Dec 65	Oct 66	Same	Same	Same	Same	14 Daily
4	Same	Same	Nov 66	Oct 67	Same	Same	Same	Same	13 Daily
5	Same	Same	Nov 67	Feb 68	Same	Same	Same	Same	13 M-F 4-7 Sat Closed Sun
6	Same	Same	Mar 68	Aug 70	Same	Same	Same	Same	13 Daily
7	Same	Same	Sep 70	Dec 72	Same	Same	Same	Same	13 M-F 4-7 Sat Closed Sun

This station is closed all American Holidays.

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	May 46 to May 47	Located on roof of Operations Bldg.	Selsyn	None	68 Ft	
2	Oct 65 to May 68	Located on top of Observation Tower.	AN/GMQ-11	None	49 Ft	
3	Jun 68 to Aug 70	Same	Same	FO-2	Same	
4	Sep 70 to Dec 72	Located on Control Tower, 1/2 mile from ROS.	Same	Same	30 Ft	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72 ALL  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		6,6	.8	11,3		18,1	45,7	26,3	.0		65,9	3073
FEB		.0	6,9	.1	19,8		26,0	40,3	22,4	.3	.0	60,3	2773
MAR			11,4	.2	7,2		18,2	15,7	17,6	.3		30,9	3185
APR		.1	12,0		1,8		13,6	7,5	10,7			15,4	2830
MAY		.3	10,4		.0	.0	10,5	5,1	11,6			15,1	2946
JUN		1,0	14,7				14,7	7,7	9,3			15,1	3005
JUL		1,0	6,9				6,9	5,8	10,1			13,7	3034
AUG		.7	9,4				9,4	7,9	10,6			16,8	3190
SEP		.2	7,9			.0	7,9	13,4	14,4			24,8	3052
OCT		.0	9,6		.4		10,1	20,2	20,3			35,8	3426
NOV		.1	10,5	.4	5,0		15,4	31,9	20,9			46,8	3173
DEC			8,8	.3	12,7		21,6	45,4	27,3	.1		67,6	3287
TOTALS		.3	5,6	.2	4,9	.0	14,4	20,6	16,8	.1	.0	34,0	36979

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 AIR WEATHER SERVICE/ACC

**WEATHER CONDITIONS**

34172      AFSBACH AAF GERMANY/KATTEBRACH      47,56-72      JAN

STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZIE	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		5.4		7.5		12.9	49.5	16.1			65.6	93
	03-05		7.3		6.8		13.6	55.3	12.9			68.2	132
	06-08		7.0	2.7	12.3		21.1	56.7	29.4			71.8	603
	09-11		5.2	1.1	14.1		20.4	51.9	28.9			69.1	651
	12-14		5.5	1.3	11.9		20.8	37.2	32.5			61.5	624
	15-17		3.7	.5	12.7		21.2	34.0	33.5	.3		61.4	612
	18-20		6.4	1.1	14.0		20.8	38.1	36.5			66.0	265
	21-23		3.2		10.8		14.0	43.0	20.4			63.4	93
TOTALS			6.6	.8	11.3		18.1	43.7	26.3	.0		65.9	3073



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72 FEB  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		7,4		27,2		34,6	63,0	22,2			85,2	81
	03-05		2,9		25,6		30,5	62,9	17,1			80,0	105
	06-08		8,2	.4	11,6		18,9	43,9	24,6	.5	.2	63,0	570
	09-11		9,4	.5	15,6		23,8	32,0	20,6	1,0		48,4	572
	12-14		9,5		13,8		22,6	22,1	21,4	.5		41,0	566
	15-17	.2	9,1	.2	3,5		21,4	17,5	19,3	.2		34,8	561
	18-20		7,4		16,9		23,9	28,8	25,5			48,1	243
	21-23		1,3		31,3		32,5	52,5	28,8			81,3	80
TOTALS		.0	6,8	.1	19,8		26,0	40,3	22,4	.3	.0	60,3	2778

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

**WEATHER CONDITIONS**

34172 ANSBACH AAF JERIMAY/KATTERBACH 47,66-72 MAR  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		13,3		2,2		15,6	11,1	10,0	1,1		22,2	90
	03-05		10,3		11,8		21,3	23,5	11,0			34,6	136
	06-08		9,4	,3	7,6		17,1	29,4	29,8			49,4	660
	09-11		8,6	,5	8,7		16,9	17,0	25,2			39,7	652
	12-14		10,6		10,8		20,4	8,8	17,6	,2		24,5	648
	15-17		13,6		9,3		21,5	7,2	16,1	1,0		22,8	627
	18-20		14,7		7,5		21,1	10,4	19,7	,4		26,9	279
	21-23		10,8	1,1			11,8	18,3	8,6			26,9	93
TOTALS			11,4	,2	7,2		18,2	15,7	17,6	,8		30,9	3185

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ETAC

### WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-70,72 APR  
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		5,6				5,6	3,3				3,3	90
	03-05		10,0				10,0	6,7				6,7	90
	06-08		13,4		4,5		17,6	24,8	25,8			39,8	573
	09-11		17,0		3,0		19,5	10,9	24,2			30,9	570
	12-14		15,9		4,0		19,2	4,9	15,5			17,6	573
	15-17		12,2		1,8		13,6	3,5	10,4			11,8	566
	18-20	.4	10,8		1,1		11,9	2,2	9,4			10,1	278
	21-23		11,1				11,1	3,3				3,3	90
TOTALS		.1	12,0		1,8		13,6	7,5	10,7			15,4	2830

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-70,72 DAY  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		9,3				9,3		1,9			1,9	54
	03-05		5,1				5,1	8,2	35,7			43,9	98
	06-08		12,2				12,2	19,0	22,8			35,1	609
	09-11	.2	14,4		.2		14,6	7,8	14,8			19,5	616
	12-14	.3	14,3				14,3	2,6	8,4			9,9	616
	15-17	.8	12,2				12,2	1,5	5,4			6,2	616
	18-20	1,4	7,6			.3	8,0	1,4	3,5			4,5	289
	21-23		8,3				8,3						40
TOTALS		.3	10,4		.0	.0	10,5	5,1	11,6			15,1	2946

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ MC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 JUN  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		17,4				17,4	3,5				3,5	86
	03-05		20,0				20,0	14,8	5,9			20,7	135
	06-08		9,9				9,9	18,8	24,6			35,7	617
	09-11	.2	10,2				10,2	8,8	16,3			22,2	625
	12-14	1,0	11,6				11,6	4,2	12,4			14,7	613
	15-17	1,7	13,0				13,0	1,7	8,2			9,2	598
	18-20	3,8	14,8				14,8	5,8	6,6			9,1	263
	21-23	1,5	20,6				20,6	5,9				5,9	68
TOTALS		1,0	14,7				14,7	7,7	9,3			19,1	3005

1  
 DATA PROCESSING BRANCH  
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### WEATHER CONDITIONS

34172      ANSBACH AAF GERMANY/KATTERRACH      46,66-77      JUL  
 STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% 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		5,7				5,7		3,4			3,4	87
	03-05		6,3				6,3	4,7	9,4			14,1	128
	06-08	.2	5,4				5,4	22,1	24,1			37,9	607
	09-11	.2	7,3				7,3	7,2	17,2			21,5	629
	12-14	1,2	7,4				7,4	2,6	9,4			10,0	608
	15-17	1,5	8,1				8,1	2,5	5,6			6,2	592
	18-20	2,8	7,7				7,7	3,1	7,7			8,4	287
	21-23	2,1	7,3				7,3	4,2	4,2			8,3	96
TOTALS		1,0	6,9				6,9	5,8	10,1			13,7	3034

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6672 AUG  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DJST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		8,6				8,6		6,5			6,5	93
	03-05	.3	7,0				7,0	12,4	3,9			16,3	129
	06-08	.5	10,9				10,9	32,5	20,2			43,8	662
	09-11	.2	12,6				12,6	10,3	21,9			28,4	659
	12-14	.2	9,5				9,5	3,5	13,5			16,4	629
	15-17	2,0	9,3				9,3	2,2	10,8			12,8	594
	18-20	2,2	9,4				9,4	2,5	6,6			8,8	319
	21-23		7,6				7,6		1,0			1,0	105
TOTALS		.7	9,4				9,4	7,9	10,6			16,8	3190

1 DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172

ANSBACH AAF GERMANY/KATTERBACH

46,66-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		8,9				8,9	8,9				8,9	90
	03-05		8,8				8,8	21,6	3,2			24,8	125
	06-08	,3	7,2				7,2	48,8	28,2			60,9	627
	09-11		6,6				6,6	16,0	24,0			43,4	632
	12-14	,5	6,4				6,4	3,5	20,8			23,6	605
	15-17	,5	9,0			,2	9,0	1,5	16,2			17,8	591
	18-20	,4	7,5				7,5	1,8	11,4			12,9	280
	21-23		8,8				8,8	4,9	1,0			5,9	102
TOTALS		,2	7,9			,0	7,9	13,4	14,4			24,8	3052



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72 OCT  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FRETTING 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		9,9		3,3		13,2	12,1	5,5			17,6	91
	03-05		8,6				8,6	21,9	3,1			25,0	128
	06-08		12,8				12,8	51,7	24,6			62,3	687
	09-11		9,3				9,3	34,5	30,9			56,1	724
	12-14	.1	9,0		.1		9,1	14,6	28,4			38,3	711
	15-17	.1	9,0				9,0	8,8	29,4			35,1	667
	18-20		9,8				9,8	12,4	29,5			35,6	315
	21-23		8,7				8,7	5,8	10,7			16,5	103
TOTALS		.0	9,6		.4		10,1	20,2	20,3			35,8	3426

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72 NOV  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		7,8		1,1		8,9	31,1	5,6			36,7	90
	03-05		14,3		6,3		19,8	28,1	4,0			42,1	126
	06-08		10,1	,8	5,8		16,6	43,8	30,1			59,7	621
	09-11		11,9		6,9		18,2	40,1	30,1			55,3	671
	12-14		11,5	,3	6,8		17,8	27,0	30,5			49,4	662
	15-17		12,0	1,1	5,7		18,7	24,7	29,6			47,7	619
	18-20		9,4	,8	4,9		15,0	26,7	23,7			45,9	266
	21-23	,8	6,8		2,5		8,5	23,7	13,6			37,3	118
TOTALS		.1	10,5	,4	5,0		15,4	31,9	20,9			46,8	3173

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72 DEC  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		4,6		16,1		20,7	48,3	24,1			72,4	87
	03-05		6,7		9,2		16,0	50,4	16,0			66,4	119
	06-08		9,5	.7	10,5		20,5	53,0	28,9	.4		71,5	674
	09-11		11,0	.3	14,9		25,0	46,5	29,5	.3		66,5	699
	12-14		9,4	.3	12,3		21,3	35,2	30,9			59,7	667
	15-17		11,5	.3	13,2		24,6	38,7	33,4			63,0	659
	18-20		11,4	1,0	11,4		23,8	43,1	28,3			65,9	290
	21-23		6,5		14,1		20,7	47,8	27,2			75,0	92
TOTALS			8,8	.3	12,7		21,6	43,4	27,3	.1		67,6	3287

## PART A

## ATMOSPHERIC PHENOMENA

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

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

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

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

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 XX WEATHER CONDITIONS XX  
 ATMOSPHERIC PHENOMENA

34172 ANSBACH AAF GERMANY/KATTERBACH 65-72 ALL  
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		23,5	5,3	27,6	,6	45,3	74,1	49,4	,6		86,5	170
FEB		,5	30,8	1,6	33,0	,5	53,8	60,4	59,3	3,3		81,9	182
MAR		,6	24,7		24,1	,6	42,9	41,8	51,2	1,2		68,2	170
APR		,6	38,8		15,2	1,8	46,7	39,4	46,7			55,2	165
MAY		6,5	39,4		,6	,6	39,4	34,1	34,7			46,8	170
JUN		10,5	41,3				41,3	38,4	41,9			56,4	172
JUL		11,4	26,9				26,9	32,9	45,5			50,9	167
AUG		9,4	32,9			,5	38,9	44,8	47,3			60,6	203
SEP		3,6	28,6			,5	28,6	67,2	69,8			80,7	192
OCT		,5	25,5		,5		25,5	67,7	71,4			82,7	220
NOV			36,5	1,9	18,5		46,9	62,6	59,7			82,5	211
DEC			32,1	4,2	36,8		57,1	72,6	62,3	,5		89,2	212
TOTALS		3,6	32,2	1,1	13,0	,4	41,1	53,0	53,3	,5		70,3	2234

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the table as follows:

EXTREME DAILY PRECIPITATION	"0.00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

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

Continued on Reverse Side

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
  - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
  - (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 65-72

STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	31.0	25.5	5.2	15.0	11.5	5.5	3.5							40.7	119	.85	2.21	.02
FEB	30.7	16.0	7.2	21.3	12.0	9.5	2.7	.7						53.3	150	1.14	2.38	.15
MAR	40.4	15.6	10.6	16.4	6.4	5.7	2.5							44.0	141	.86	1.60	.31
APR	39.4	17.5	11.2	15.0	4.4	8.1	3.6	.6						43.1	160	1.06	2.26	.32
MAY	46.4	9.0	4.6	16.2	4.8	13.2	4.2	1.2						44.4	166	1.22	2.05	1.01
JUN	40.8	13.4	4.5	14.1	6.2	12.0	5.6	2.8						43.8	142	2.06	3.53	1.04
JUL	33.7	11.6	4.2	7.2	7.2	5.1	2.9	2.9						29.7	138	1.24	2.15	.11
AUG	42.6	9.2	3.6	12.3	11.2	7.7	8.2	3.6	1.2					48.2	175	2.81	3.95	.32
SEP	32.7	13.8	5.9	12.8	2.7	5.9	5.2	.5	.2					33.5	188	1.23	4.73	.22
OCT	34.8	14.2	4.0	8.0	2.0	9.0	4.2	2.3						31.0	200	1.51	2.56	.57
NOV	35.7	20.2	7.0	16.8	5.9	9.2	3.8	1.1						43.8	185	1.23	2.29	.40
DEC	29.2	22.2	8.2	12.7	10.8	7.6	8.9							44.4	157	1.44	2.95	.42
ANNUAL	41.5	16.0	6.4	14.2	7.2	8.2	4.7	1.3	.2					42.2	1935	16.90		



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

**EXTREME VALUES  
 PRECIPITATION**

(FROM DAILY OBSERVATIONS)

84172 ANSBACH AAF GERMANY/KATTERBACH 65-72

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65													
66		.62						.94	.27	.34	.26	.44	
67	* .02	.31	.48	.36	.49	.31	.29	.71	.37	.66	.39		
68				.36	.49			1.31	1.04	.80	.19	.23	
69	* .29	.17	.39	.41	.32	.92	.33	1.07	.08	.24	.90	.49	1.07
70	* .48	.44	.06	.23	.33	.24	.33	.38	.13	.54	.22	.22	* .58
71	* .12	.20	.18	.18	.69	.46	.06	.33	.44	.43	.31	.16	* .63
72	* .21	.07	.17	.22	.38	.54	.88	1.00	.13	.63	.48	.32	* 1.00
MEAN	.216	.217	.288	.287	.348	.354	.488	.277	.286	.223	.284	.227	.320
S. D.	.144	.128	.128	.148	.127	.209	.213	.177	.220	.197	.242	.124	.181
TOTAL OBS.	119	100	101	100	104	102	108	109	108	100	103	107	1098

BASED ON 12 FULL MONTHS

1 DATA PROCESSING BRANCH,  
USAF/ETAC/OL A  
AFR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
EXTREME VALUES  
XXXXXXXXXXXXXXXXXXXX  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 65-72  
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65													
66		1.78						3.29	2.86	1.73	.77	2.95	
67	.08	.04	1.00	1.10	1.00	1.52	.98	2.94	1.30	2.38	1.69		
68				2.92	1.41			3.99	4.73	2.23	1.60	1.15	
69	.79	1.19	1.35	2.30	1.42	3.53	.75	3.36	.23	1.68	2.29	1.89	19.71
70	2.21	2.38	.31	1.88	1.01	1.04	2.19	1.22	.23	1.82	1.07	1.79	13.21
71	.82	.45	.84	.83	2.08	1.83	.11	1.69	1.14	.87	1.04	.43	10.89
72	.78	.13	.21	.90	1.22	2.48	2.10	1.82	.40	.98	1.47	.43	13.27
MEAN	.880	1.128	.802	1.627	1.528	2.080	1.288	2.810	1.227	1.809	1.267	1.000	14.770
S. D.	.880	.880	.873	.880	.880	.880	.880	1.782	1.002	.787	.880	.873	8.787
TOTAL OBS.	117	180	101	101	100	100	100	100	100	100	100	100	1000

NOTE: (BASED ON 4 FULL MONTHS)

DATA PROCESSING BRANCH  
 USAF AFAC  
 AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

34872 ANSBACH AAF GERMANY/KATTERBACH 65-72

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02 03	06 10	11-25	26 50	51-100	101 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
	SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4			OVER 50.4		
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	66.7	23.4	2.7	6.2	1.8	.9								11.7	111	3.3	8.2	TRACE
FEB	47.7	24.2	6.2	14.8	6.2	.8								28.1	120	7.6	15.8	.7
MAR	68.1	20.6	6.4	6.4	3.3									16.3	141	4.2	10.3	.2
APR	76.1	17.2	2.2	1.5	2.2	.7								6.7	134	2.2	3.4	TRACE
MAY	99.2	.7													140	TRACE	TRACE	.0
JUN	100.0														142	.0	.0	.0
JUL	100.0														139	.0	.0	.0
AUG	100.0														140	.0	.0	.0
SEP	100.0														134	.0	.0	.0
OCT	96.2	2.7	.6											.6	170	TRACE	.2	.0
NOV	78.0	13.8	3.8	1.8	1.2	1.2			.6					8.2	139	3.2	8.3	TRACE
DEC	89.2	21.6	7.2	4.0	2.4	4.0								19.2	123	6.2	14.0	TRACE
ANNUAL	82.2	110.4	2.4	2.9	1.7	.7			.6					7.6	1003	27.0		

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

**EXTREME VALUES**  
**SNOWFALL**

(FROM DAILY OBSERVATIONS)

04172 STATION ANSBACH AAF GERMANY/KATTERBACH STATION NAME 65-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65													
66													
67		1.2	.2	3.1	.0	.0	.0	.0	.0	TRACE	TRACE		
68										.0	.2	3.0	
69	* 1.0	3.0	1.0	2.0	.0	.0	.0	.0	.0	.0	7.9	3.0	* 7.9
70	* 1.0	2.0	2.0	2.0	TRACE	.0	.0	.0	.0	TRACE	TRACE	3.2	* 3.2
71	* TRACE	2.0	2.0	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	1.0	* 3.0
72	* 2.5	.7	1.0	.2	.0	.0	.0	.0	.0	.2	3.0	TRACE	* 3.0
MEAN	1.13	1.72	1.34	1.44	TRACE	.00	.00	.00	.00	.03	2.20	2.04	4.03
S. D.	1.081	1.079	1.107	1.122	.000	.000	.000	.000	.000	.081	1.068	1.122	2.084
TOTAL OBS.	111	118	111	134	140	148	139	140	154	170	189	133	1663

NOTE: \* BASED ON 4 FULL MONTHS

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

XXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

8172 ANSBACH AAF GERMANY/KATTERBACH 65-72  
 STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
65													
66													
67		1.7	.9	3.1	.0	.0	.0	.0	.0	TRACE	TRACE		
68										.0	.0	7.4	
69	* 1.3	13.7	2.0	2.1	.0	.0	.0	.0	.0	.0	8.3	14.4	* 41.8
70	* 4.4	18.8	8.4	8.4	TRACE	.0	.0	.0	.0	TRACE	TRACE	7.3	* 39.3
71	* TRACE	6.1	10.8	TRACE	.0	.0	.0	.0	.0	TRACE	2.9	1.8	* 21.3
72	* 8.2	.7	1.7	.2	.0	.0	.0	.0	.0	.2	8.3	TRACE	* 19.3
MEAN	2.66	7.60	6.18	3.16	TRACE	.00	.00	.00	.00	.03	3.32	6.32	70.68
S. D.	2.68	6.87	4.88	3.30	.000	.000	.000	.000	.000	.081	4.069	3.541	11.818
TOTAL OBS.	11	12	12	12	12	12	12	12	12	12	12	12	120

NOTE: \* BASED ON 4 FULL MONTHS

1

DATA PROCESSING BRANCH  
 USAF, DTIC  
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

30872 ANSBACH AAF GERMANY/KATTERBACH 65-72

STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	30.9	2.7	9.4	14.4	20.1	20.1	2.2							66.2	139				
FEB	68.0	6.5	6.5	6.5	6.5	11.0								30.5	154				
MAR	78.5	12.0	4.2	3.6	4.2	2.4								14.5	166				
APR	98.9	4.2	1.4											1.8	163				
MAY	100.0														170				
JUN	100.0														172				
JUL	100.0														169				
AUG	100.0														172				
SEP	100.0														168				
OCT	100.0														169				
NOV	39.4	4.5	4.5	1.1	1.1	2.8	4							6.1	179				
DEC	60.5	2.8	4.9	6.8	6.1	7.5	4.7							27.7	177				
ANNUAL	68.0	2.7	2.2	2.7	2.1	2.6	1.6							22.2	2019				

DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 WEA WEATHER SERVICE/MAC

**EXTREME VALUES**  
**SNOW DEPTH**

(FROM DAILY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 65-72  
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65										*	0*	0	
66													
67		1	0	1	0	0	0	0	0	0*	0*	4	
68	*	7*	1*	2	1*	0	0*	0	0*	0	0*	7*	* 7
69	*	7*	9*	1	TRACE*	0	0*	0	0*	0	0*	8*	* 9
70	*	6*	9*	4	TRACE*	0	0*	0*	0	0*	0*	3	* 5
71	*	3*	2	3*	0*	0*	0*	0*	0*	0*	0*	1	* 3
72	*	6*	4*	0*	0*	0*	0*	0*	0*	0*	4*	0	* 6
MEAN	2.2	2.0	1.7	1.1	0	0	0	0	0	0	2.1	1.4	0.0
S. D.	2.100	1.877	1.623	1.145	.600	.000	.000	.000	.000	.000	1.078	1.108	2.100
TOTAL OBS.	199	147	109	149	179	178	189	178	108	189	149	179	1997

NOTE: \* (BASED ON 4 FULL MONTHS)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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



1 DATA PROCESSING BRANCH  
 USAF/ETAC/DL A  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
**SURFACE WINDS**

(FROM DAILY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 70-72  
STATION STATION NAME YEARS

**DAILY PEAK GUSTS IN KNOTS**

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS				
70										27*	3224/	4729*	46				
71	27/	4122*	2928/	2627/	3310*	2820*	4518*	2622*	2627*	24	1*	2325*	4426*	37			
72	3*	2419*	2027*	68	4*	4904*	4026*	3925*	3128*	3026*	3225*	2624*	57	9*	26	27*	68
MEAN	22.5	26.8	22.0	22.0	22.2	22.0	27.8	24.0	28.0	29.7	49.9	26.3	26.5				
S.D.																	
TOTAL OBS.	46	29	20	46	38	69	29	62	46	28	68	27	559				

NOTES: \* (BASED ON 2-FULL MONTHS)  
 & (BASED ON 2-FULL MONTHS AND +100 KNOTS)

DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46-47,65-72 MONTH ALL

CLASS ALL WEATHER HOURS (LST) ALL

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.4	.4	.0	.0						4.7	6.4
NNE	.5	1.7	1.7	.4	.0	.0						4.4	7.0
NE	.9	2.1	1.5	.3	.0	.0						4.9	6.2
ENE	.3	.5	1.1	.3	.1	.0						2.7	7.4
E	1.0	2.4	2.6	.9	.1	.0						7.1	7.3
ESE	.4	1.2	1.2	.3	.0	.0						3.1	6.9
SE	.9	2.0	1.8	.3	.0	.0						5.0	6.2
SSE	.4	1.6	1.5	.3	.0	.0						3.9	6.8
S	1.3	3.5	3.3	.9	.1	.0	.0					9.2	6.9
SSW	.4	1.3	1.3	.6	.1	.0	.0					3.8	7.8
SW	.8	1.8	2.2	1.3	.2	.1	.0	.0				6.5	8.5
WSW	.4	1.5	2.6	2.4	.8	.3	.0	.0				8.0	10.9
W	1.4	4.0	6.7	5.0	1.4	.4	.0	.0	.0			19.0	9.9
WNW	.3	1.1	1.6	.9	.2	.0	.0					4.0	8.8
NW	.4	.9	1.0	.4	.1	.0						2.8	7.5
NNW	.2	.8	.7	.2	.0	.0						1.9	7.0
VARBL	.4	.4	.4	.2	.0	.0	.0	.0				1.6	7.0
CALM												7.5	
	11.2	29.3	32.5	15.2	3.2	1.0	.1	.0	.0			100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 36948

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/YAC

# SURFACE WINDS

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

34172 ANSBACH AAF GERMANY/KATTERBACH 47,6672 JAN

ALL WEATHER

ALL  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.7	.1	.0							2.2	6.0
NNE	.5	.2	.6	.1	.2							2.1	6.7
NE	1.3	2.1	1.0	.2								4.6	5.3
ENE	.5	.8	.5	.1	.1							2.0	6.2
E	1.9	3.7	4.9	1.1	.3	.1						11.9	7.2
ESE	.6	2.1	2.8	.5	.0	.0						6.0	7.2
SE	1.5	3.2	3.3	.6								8.5	6.4
SSE	.3	2.7	3.1	.6								6.6	7.2
S	1.8	5.0	4.6	1.0	.2		.0					12.6	6.8
SSW	.5	1.1	.8	.4	.1							2.8	6.5
SW	.4	1.3	1.2	1.0	.3							4.2	8.8
WSW	.3	.8	2.1	2.0	.7	.3	.0					6.1	11.5
W	2.3	4.2	6.2	4.5	1.1	.1						18.6	8.9
WNW	.1	.5	.7	.3	.2	.2						1.9	10.2
NW	.2	.6	.4	.1								1.2	6.1
NNW	.2	.2	.1	.1								.7	6.0
VARBL	.3	.3	.0									.7	3.6
CALM												7.3	
	13.3	30.2	32.9	12.4	3.1	.7	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3072

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

# SURFACE WINDS

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

STATION: 34172 STATION NAME: ANSBACH AAF GERMANY/KATTERBACH YEARS: 47,66-72 MONTH: FEB

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	1.2	.6	.2	.0						5.0	6.9
NNE	.4	1.3	1.4	.4	.0							3.1	7.5
NE	1.9	3.9	1.4	.2								7.4	5.2
ENE	.3	.9	.8	.1								2.1	6.0
E	1.4	5.4	4.7	1.5								13.0	6.9
ESE	.3	1.8	1.5	.5								4.3	7.1
SE	.4	2.8	2.6	.2								5.9	6.7
SSE	.5	1.9	2.2	.8	.1	.0						5.5	7.8
S	.8	3.4	4.2	1.4	.2							9.9	7.7
SSW	.3	1.2	1.9	.9	.3							4.6	8.9
SW	.3	1.0	1.7	1.7	.4		.1	.0				4.6	10.4
WSW	.3	1.5	2.4	2.0	1.2	.3	.1					8.4	11.6
W	.9	2.2	3.5	3.6	1.7	.9	.2	.1	.1			13.3	12.1
WNW	.2	.0	1.2	.6	.2	.0	.1					3.1	9.9
NW	.3	.9	.6	.1								1.8	6.1
NNW	.2	.6	.8									1.5	6.5
VARBL	.3	.2	.1									.6	4.6
CALM												5.4	
	9.9	31.5	32.4	14.4	4.3	1.3	.6	.1	.1			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2779

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERSACH  
STATION NAME

47,66-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.6	.4	.1	.1						4.4	7.0
NNE	.5	1.7	2.1	.5		.0						5.8	7.4
NE	.5	1.5	1.4	.4	.1	.1						3.7	7.3
ENE	.2	1.0	1.3	.6	.0							3.1	8.4
E	.8	2.0	2.5	1.4	.1	.0						6.8	8.0
ESE	.1	.7	.8	.4	.0							2.2	7.6
SE	.5	1.9	2.3	.3								5.0	6.8
SSE	.2	.9	1.4	.5								2.0	7.8
S	1.0	3.8	3.1	1.0	.1							8.8	7.1
SSW	.4	1.0	.8	1.0	.3	.1	.1					3.7	9.9
SW	.7	1.2	1.7	1.8	.7	.3	.0					6.3	10.6
WSW	.2	.9	2.3	2.8	1.4	.8	.1					8.6	13.3
W	1.2	3.4	7.0	8.4	2.6	1.1	.1					23.8	11.6
WNW	.2	1.1	1.2	1.3	.3	.0						4.1	9.7
NW	.2	.7	.8	.7	.2							2.6	9.3
NNW	.2	.8	.7	.3	.1							2.0	7.7
VARBL	.2	.2	.4	.3	.0	.1	.0					1.3	10.1
CALM												5.6	
	7.9	24.0	31.4	22.1	5.9	2.6	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

3181

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47, 66, 70, 72 MONTH APR  
 CLASS ALL WEATHER HOURS (L Y T) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.0	2.1	1.2	.1							5.7	8.2
NNE	.4	1.2	2.9	1.1	.1							5.8	8.4
NE	1.0	1.5	1.1	.5	.1	.0						4.4	6.8
ENE	.5	.7	1.4	.5	.2	.0						3.0	9.1
E	.5	1.0	1.8	1.1	.2	.0						5.4	8.3
ESE	.2	.7	.5	.2								1.8	6.9
SE	.2	1.1	.7	.3	.0							2.3	6.8
SSE	.3	.9	.6	.1	.0							1.9	6.7
S	1.0	2.3	2.4	1.0	.2	.1						7.1	7.6
SSW	.2	.9	1.1	.9	.2							3.3	9.0
SW	.6	1.8	2.4	1.9	.4		.1					7.5	9.9
WSW	.4	.9	2.5	3.1	1.0	.4	.1	.0				8.8	12.2
W	1.7	4.4	6.4	6.3	3.0	1.1	.1					23.0	10.9
WNW	.4	1.2	1.2	.7	.2	.0	.0					4.7	9.8
NW	.3	.8	1.6	1.1	.0							3.9	8.9
NNW	.4	.8	.9	.5	.0							2.6	7.9
VARBL	.5	.2		.0								.7	3.7
CALM												8.0	
	8.7	23.4	20.0	21.8	3.9	1.8	.3	.0				106.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2827

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46-47, 66-70, 72 MONTH MAY  
 CLASS ALL WEATHER HOURS (LST) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	1.6	.4								5.5	6.0
NNE	.6	2.2	1.8	.6								5.1	6.8
NE	1.2	2.3	1.6	.4	.0							5.5	6.0
ENE	.4	1.1	1.2	.5	.1							3.4	7.8
E	1.9	2.4	3.8	1.7	.2							9.9	7.6
ESE	.2	1.1	1.3	.5	.1							3.3	8.1
SE	1.1	1.6	1.6	.3								4.6	6.0
SSE	.4	1.5	.6	.1								2.8	6.0
S	.7	2.3	2.0	.2	.1							5.3	6.4
SSW	.2	.8	1.3	.3	.1							2.8	8.1
SW	.6	1.0	1.9	1.1	.3	.1						5.0	9.2
WSW	.6	1.4	2.7	2.4	.6	.2						7.7	10.5
W	1.0	3.8	6.6	4.4	1.2	.2						17.1	9.8
WNW	.3	1.2	2.4	1.4	.3							5.6	9.2
NW	.4	1.0	1.2	.8	.0							3.4	9.1
NNW	.3	.8	1.1	.2	.1							2.5	7.5
VARBL	.2	.1	.2	.1								.6	6.3
CALM												9.8	
	11.4	26.8	32.0	15.4	3.2	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2946

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEAR 46,66=72 MONTH JUN  
 CLASS ALL WEATHER HOURS (LST) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	2.4	1.2	.2							6.9	7.7
NNE	.8	2.1	2.2	.7	.0							5.5	7.2
NE	.6	1.6	1.0	.6	.0							4.0	6.7
ENE	.3	1.1	1.1	.7	.1							3.3	8.0
E	.8	1.2	1.6	.9	.2	.0						4.8	7.9
ESE	.3	.3	.5	.1								1.7	6.2
SE	.3	1.0	.7	.1								2.0	6.0
SSE	.5	1.1	.7	.1								2.4	5.7
S	1.1	2.0	1.4	.3	.0							4.9	6.0
SSW	.3	1.1	1.4	.4								3.2	7.5
SW	1.0	3.0	2.5	1.0	.0							7.6	7.0
WSW	.5	2.1	2.5	1.6	.2	.0						6.9	8.6
W	1.0	4.8	8.7	5.4	.7	.1						20.7	9.2
WNW	.5	1.7	2.5	1.4	.1	.1						6.3	8.5
NW	.6	1.0	1.2	.7	.1							3.7	7.9
NNW	.2	1.2	1.2	.5	.0							3.3	7.2
VARBL	.8	.9	1.1	.7	.2							3.7	7.9
CALM												8.9	
	10.9	28.9	32.8	16.2	2.0	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3005



DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,66-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.1	2.7	.3								8.7	5.9
NNE	.2	1.3	1.6	.2								3.2	6.8
NE	.7	1.5	1.0	.1								3.3	5.9
ENE	.1	.3	.7	.2								1.3	7.6
E	.5	1.7	1.7	.3								4.2	6.7
ESE	.4	.9	.9	.3								2.5	6.8
SE	.4	1.1	1.2	.0								2.8	6.2
SSE	.4	1.2	.7	.2								2.4	6.3
S	1.0	2.8	1.7	.4								6.0	6.2
SSW	.4	1.4	1.0	.3	.0							3.1	6.6
SW	1.1	1.6	1.9	.9	.2	.1						5.7	8.0
WSW	.7	2.0	2.7	1.6	.3	.1						7.4	8.7
W	1.5	5.6	9.0	3.8	.8	.1						20.8	8.5
WNW	.2	2.0	3.4	1.8	.1							7.5	8.8
NW	.9	1.9	2.0	.5		.0						5.3	6.8
NNW	.2	1.3	1.0	.1								2.6	6.7
VARBL	.6	1.0	1.7	.1	.0							3.4	6.7
CALM												.6	
	10.8	31.7	34.9	11.2	1.4	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3032

DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,69-72 MONTH AVG

CLASS ALL WEATHER MONTHS (LST) ALL

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.4	.0								4.8	5.6
NNE	.4	1.4	1.8	.1								3.8	6.5
NE	.7	2.4	1.6	.1								4.7	6.0
ENE	.7	1.0	1.3	.3								3.4	6.5
E	.7	1.9	1.5	.5								4.5	6.7
ESE	.4	.6	.7	.2								2.0	6.7
SE	.7	1.5	1.1	.1								3.4	5.8
SSE	.4	1.0	1.0	.2	.0							2.6	6.4
S	1.3	2.9	2.3	.5	.1							7.3	6.3
SSW	.5	1.5	1.3	.3								3.6	6.7
SW	1.3	2.9	2.6	.6								7.4	6.4
WSW	.6	1.8	2.1	1.9	.2	.1						7.6	9.0
W	2.1	5.4	9.5	4.9	.6	.1						22.5	8.5
WNW	.6	1.8	2.0	1.0	.1							5.4	7.8
NW	.6	1.4	1.5	.3	.1	.0						4.0	7.0
NNW	.3	1.0	1.1	.3	.0							2.6	7.3
VARBL	.3	.2	.8	.4	.1	.1						1.8	9.3
CALM												8.5	
	12.8	31.1	34.5	11.7	1.2	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3192

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-72 MONTH SEP  
 CLASS ALL WEATHER HOURS (L S T) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	1.0	.1								2.7	5.6
NNE	.6	3.0	2.5	.2								6.2	6.5
NE	.6	1.7	1.3	.2								3.8	6.1
NNE	.2	1.2	1.2	.1								2.6	6.8
E	.7	1.7	1.4	.4								4.1	6.7
ESE	.4	1.1	.7	.1								2.3	6.1
SE	2.1	2.3	1.5	.2								6.1	5.3
SSE	.7	1.8	1.3	.1								4.0	6.0
S	1.8	4.0	3.1	.6	.1							9.6	6.4
SSW	.4	1.8	1.1	.2								3.6	6.3
SW	1.6	2.6	2.7	1.3	.4							8.5	7.5
WSW	.7	1.8	2.6	2.0	.3	.1	.0					7.5	8.9
W	1.2	4.9	6.9	4.4	.8	.5	.0	.2				18.9	9.7
WNW	.3	1.1	1.7	.2	.0							3.3	7.2
NW	.4	.8	.7	.4								2.3	6.6
NNW	.3	1.0	.6	.1								2.0	6.0
VARBL	1.0	1.2	.4	.2								2.7	5.1
CALM												8.8	
	13.5	33.9	30.6	10.9	1.5	.5	.1	.2				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2041

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEAR 46,65-72 MONTH JCT

CLASS ALL WEATHER HOURS (LST) ALL

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	.8	.2								2.2	5.3
NNE	.3	1.9	1.4	.3								4.1	6.8
NE	.9	2.5	2.5	.3								5.2	6.4
ENE	.2	1.3	1.7	.2								3.4	6.9
E	1.2	3.7	3.6	1.2	.0							9.8	7.1
ESE	.3	1.9	1.4	.3								4.1	6.4
SE	1.4	2.9	1.9	.3	.0							6.6	5.9
SSE	.7	2.5	1.8	.2								5.2	6.2
S	1.4	3.3	2.3	.4	.1							7.6	6.2
SSW	.5	1.3	1.2	.5	.1							3.7	7.1
SW	.6	1.3	1.7	.9	.1							4.6	8.0
WSW	.4	1.7	2.9	3.2	1.0	.3	.1					9.5	11.1
W	.8	3.1	6.5	5.1	1.2	.1	.0					16.9	10.1
WNW	.2	.7	1.3	.4	.2							2.7	8.7
NW	.4	.9	.9	.4	.1	.1						2.8	7.8
NNW	.4	.6	.4	.1	.1	.0						1.4	6.0
VARBL	.4	.4	.5	.4	.1							1.7	7.9
CALM												6.7	
	11.5	31.0	32.9	14.5	2.8	.5	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3423

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/TAC

# SURFACE WINDS

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

STATION: 34172 STATION NAME: ANSBACH AAF GERMANY/KATTERPACH YEARS: 46,65-72 MONTH: NOV

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.0	.7	.3	.1							3.0	6.2
NNE	.3	1.7	1.0	.6								3.6	7.3
NE	1.0	2.1	1.0	.2								4.3	5.6
ENE	.3	.9	.8	.2	.1							2.2	7.0
E	.7	2.2	1.8	.9	.1	.0						5.7	7.5
ESE	.6	1.3	1.3	.2								3.4	6.3
SE	1.5	3.3	2.2	.5								7.5	6.0
SSE	.4	2.0	2.0	.6	.1							5.1	7.2
S	1.4	5.9	6.6	1.6	.2	.0						15.8	7.4
SSW	.6	1.9	2.2	1.3	.2	.1						6.4	8.7
SW	.9	2.1	3.3	2.2	.4	.2	.0					9.1	9.0
WSW	.3	1.3	2.4	2.8	1.3	.6	.1					8.8	12.4
W	1.0	2.8	4.6	4.0	1.2	.5	.1					14.2	10.4
WNW	.3	.9	.7	.4	.1	.0						2.3	8.0
NW	.4	.3	.3	.1		.0						1.1	6.3
NNW	.1	.5	.2	.2								1.0	7.4
VARBL	.4	.2	.1	.0		.0		.0				.7	6.0
CALM												5.7	
	11.1	30.3	31.1	16.2	3.7	1.6	.2	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3170

1  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/YAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,65-72 MONTH DEC  
 CLASS ALL WEATHER HOURS (LST) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	.9	.1								4.5	4.9
NNE	.6	2.1	1.5	.2								4.5	6.2
N°	.8	2.3	2.4	.8	.1							6.4	7.3
ENE	.2	.7	1.1	.3	.0							2.3	7.7
E	.5	1.9	2.0	.5	.1							5.0	7.2
ESE	.4	1.1	1.4	.2								3.1	6.8
SE	1.2	1.6	2.4	.3								5.5	6.5
SSE	.5	1.7	2.1	.5	.0							4.8	7.2
S	2.3	4.8	3.5	1.8	.1							14.5	7.1
SSW	.4	1.9	1.8	.7	.0							4.9	7.4
SW	.9	1.7	2.8	1.8	.5	.2						7.8	9.0
WSW	.2	1.3	2.6	3.0	1.3	.5	.0					8.9	12.1
W	1.4	3.2	5.7	5.2	1.7	.5	.0					17.7	10.3
WNW	.2	.7	.6	.2	.1							1.9	8.0
NW	.4	.4	.4	.1	.1	.0						1.4	6.3
NNW	.1	.3	.2	.1	.0							.7	6.5
VARBL	.4	.3	.0	.1		.0						.9	5.7
CALM												5.4	
	11.9	28.4	33.3	15.7	4.1	1.2	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3280

1  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/TAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEAR 47 MONTH JAN  
 CLASS ALL WEATHER HOURS (LST) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE		2.2										2.2	3.3
NE	0.5	4.3	3.2	1.1								15.1	5.1
ENE													
E	9.7	8.6	2.2									20.4	4.3
ESE			3.2									3.2	8.0
SE	3.2	2.2	2.2	1.1								6.6	5.9
SSE			1.1									1.1	9.0
S	5.4	3.2	1.1									9.7	4.4
SSW													
SW			1.1									1.1	8.0
WSW			2.2									2.2	9.3
W	11.8	9.7	8.6	4.3								34.4	5.9
WNW													
WV													
NNW													
VARBL													
CALM												2.2	
	26.6	30.1	24.7	6.5								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47,71 MONTH JAN  
 CLASS ALL WEATHER HOURS (LST) 0200-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	4.5	5.2	2.3									12.0	4.7
ENE													
E	3.8	6.0	2.3	.8								12.3	5.5
ESE		2.3	.8									3.0	5.8
SE	3.0	5.2	3.0									11.3	5.1
SSE		1.5	1.5									3.0	6.5
S	4.5	1.5	4.5	2.3								12.8	6.9
SSW	.8		.8		.8							2.3	9.0
SW	.8	3.0	2.3	.8								6.8	7.0
WSW	.8		1.5		.8							3.0	9.5
W	8.3	8.3	4.5	3.0								24.1	6.1
WNW													
NW	.8			.8								1.5	8.0
NNW													
VARBL		.8										.8	4.0
CALM												6.8	
	27.1	33.8	23.2	7.5	1.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 133



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 36172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47,66,72 MONTH JAN

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

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.7	.5									1.3	6.0
NNE	.5	1.0	1.0	.2	.3							3.0	7.6
NE	1.0	1.5	.8									3.7	5.3
ENE	1.0	.2	.2									1.5	3.7
E	1.7	3.2	5.6	.7								11.1	7.1
ESE	1.7	1.8	2.2	1.0		.2						6.8	7.1
SE	1.5	3.0	2.7	.5								7.6	6.3
SSE		2.8	3.5	.5								6.8	7.2
S	1.7	5.8	5.5	1.2	.3							14.6	6.9
SSW	.7	1.2	.7	.2	.2							2.8	6.1
SW	.3	1.7	1.0	.8								3.8	7.7
WSW	.7	1.2	1.8	2.2	.3	.2						6.5	10.2
W	2.5	4.8	3.8	5.1	.8							17.1	8.7
WNW	.2	.3	.2	.3	.2							1.2	9.7
NW	.2	.7	.2									1.0	2.2
NNW	.3	.2	.2	.3								1.0	7.3
VARBL	.2	.3										.5	3.3
CALM												9.6	
	14.1	30.7	29.7	13.3	2.2	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 34172      STATION NAME ANSBACH AAF GERMANY/KATTERBACH      YEAR 47,66-72      MONTH JAN  
 CLASS ALL WEATHER      HOURS (LST) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.8	1.1	.2								2.8	6.2
NNE	.3	.5	.6		.5							1.8	9.3
NE	.9	1.1	.3									2.3	4.2
ENE	.3	.9			.2							1.4	5.4
E	.8	2.2	4.1	1.7	.3							9.1	8.4
ESE	.6	2.3	3.2	.5	.2							6.3	7.0
SE	2.0	3.5	3.4	.5								9.4	6.0
SSE	.6	2.9	2.6	1.1								7.2	6.9
S	2.0	5.4	5.5	1.1	.2							14.1	6.8
SSW	.3	1.4	1.7	.5								3.8	7.3
SW	.2	1.4	1.2	1.4	.3							4.3	9.8
WSW	.3	.8	2.0	1.6	.6	.3						6.0	10.9
W	2.8	2.3	5.4	4.6	1.2	.3						16.6	9.6
WNW	.3	1.1	.5	.2	.3	.5						2.8	10.1
NW	.3	.5	.2									.9	4.8
NNW	.3	.5	.2	.2								1.1	5.7
VARBL	.5											.5	1.7
CALM												9.1	
	13.4	27.3	32.0	13.5	3.7	1.1						100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERB CH  
STATION NAME

47,66-72  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	.8									3.5	5.2
NNE	.9	.3	1.0	.2	.2							1.9	8.3
NE	.9	1.4	1.0	.3								3.0	6.7
ENE	.2	.4	.3	.2								1.4	6.1
E	1.0	2.1	3.7	1.3	.6	.2						9.5	8.2
ESE	.2	2.7	3.7	.8								7.4	7.9
SE	.8	3.2	4.2	.8								9.0	7.0
SSE	.3	2.7	3.8	.3								7.2	7.2
S	1.1	3.0	4.6	.8	.3							11.9	7.0
SSW	.8	1.4	.6	.5								3.5	6.4
SW	.5	1.1	1.4	1.0	.3							4.3	8.9
WSW		1.1	2.1	3.5	1.3	.3						8.3	12.3
W	1.1	2.2	6.6	3.1	1.8	.2						17.3	10.4
WNW	.2	.3	1.1	.6	.2							2.4	10.0
NW	.2	.3		.2								.6	7.3
NNW	.2	.2	.2									.3	5.0
VARBL	.3	.3										1.0	3.3
CALM												7.1	
	9.3	27.6	35.3	15.5	4.6	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 624

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

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

SURFACE WINDS

34172 STATION ANSBACH AAF GERMANY/KATTERSACH STATION NAME 47.66=72 YEARS JAN MONTH  
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	.8	.2	.2							2.5	6.6
NNE	.3	1.3	.2									1.8	4.3
NE	.7	2.0	1.0									3.6	5.0
ENE	.5	1.6	1.1	.2	.2							3.6	6.9
E	1.3	4.0	6.0	.8	.3	.2						13.2	7.5
ESE	.5	2.3	2.9	.2								6.0	6.9
SE	.5	2.9	3.4	.7								7.5	7.1
SSE	.3	2.5	3.6	.8								7.2	7.8
S	1.0	3.7	4.1	1.1	.2							12.7	6.6
SSW	.3	1.1	.2	.7								2.3	7.1
SW	.7	1.1	1.1	.7	.5							4.1	8.6
WSW		.7	2.6	1.5	1.1	.5	.2					6.5	12.9
W	.8	4.1	6.2	4.7	1.0	.2						17.0	9.6
WNW		.3	1.1	.2	.3	.3						2.3	11.7
NW	.2	.8	1.1									2.1	6.4
NNW	.2	.3										.5	4.3
VARBL	.5	.7	.2									1.1	4.7
CALM												5.7	
	8.7	33.2	35.8	11.6	3.8	1.1	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 612

1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47,60,72 MONTH JAN  
 CLASS ALL WEATHER HOURS (LST) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.0	1.1									1.9	7.2
NNE	1.9	1.5										3.4	3.6
NE	1.9	3.4	1.5									6.8	4.8
ENE	.8	.4	2.3	.8								4.2	7.5
E	2.3	5.7	6.4	1.9								16.3	6.9
ESE	.4	1.1	2.3									3.8	6.8
SE	1.1	2.3	4.2	.4								8.0	6.5
SSE	.4	3.4	1.9	.4								6.1	6.3
S	1.9	3.8	3.8	.4			.4					9.8	7.3
SSW	.4	.8	.8	.4								2.9	6.8
SW	.4	.8	.4	1.9	.4							3.8	10.3
WSW		.8	2.3	1.1								4.2	9.1
W	.8	6.8	9.1	2.7	1.5							20.3	8.6
WNW		.8	.8									1.5	7.3
NW		.4	1.1									1.5	7.5
NNW			.4									.4	8.0
VARBL													
CALM												5.3	
	11.7	32.6	36.3	9.8	1.9		.4					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 264

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH JAN  
 CLASS ALL WEATHER HOURS (L S T) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.2											2.2	3.0
NE	5.4	6.5	3.2	2.2								17.2	6.3
ENE													
E	5.4	8.6	6.5									20.4	5.4
ESE													
SE	5.4	3.2										8.6	3.4
SSE		3.2	2.2									5.4	6.4
S		2.2	2.2									4.3	6.5
SSW													
SW			3.2	1.1								4.3	9.8
WSW													
W	7.5	7.5	15.1	1.1								31.2	6.7
WNW													
NW		3.2										3.2	4.0
NNW													
VARBL													
CALM												3.2	
	25.8	34.4	31.3	4.3								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 93

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

**SURFACE WINDS**

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

STATION 34172 ANSBACH AAF GERMANY/KATTERRACH YEARS 47 MONTH FEB  
 CLASS ALL WEATHER HOURS (LST) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.4	8.6	1.2									17.3	4.1
NNE													
NE	2.5	16.0	8.6									27.2	5.4
ENE													
E	4.9	19.8	7.4									32.1	5.4
ESE		3.7										3.7	5.0
SE		4.9	2.5									7.4	6.2
SSE													
S				2.7								2.7	15.0
SSW													
SW													
WSW													
W	2.5			1.2		1.2						4.9	10.5
WNW													
NW													
NNW													
VARBL													
CALM												3.7	
	17.3	52.1	19.6	4.9		1.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 81

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/YAC

# SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

47,71  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.8	2.9	2.9									10.5	4.9
NNE	1.0											1.0	3.0
NE	6.7	9.5	2.9									19.0	4.6
ENE		1.9										1.9	5.0
E	3.8	11.4	5.7	1.0								21.9	5.7
ESE	1.9	1.9	1.0									4.8	4.2
SE		5.7	2.9									8.6	6.7
SSE													
S				4.8								4.8	12.8
SSW		1.0		1.0	1.0							2.9	12.7
SW			1.0									1.0	8.0
WSW			2.9	1.0								3.8	10.3
W	1.0	1.0	1.0	2.9		1.9						7.8	12.6
WNW	1.0	1.0	1.0									2.9	5.0
NW		1.9										1.9	4.5
NNW		1.9	1.0									2.9	6.3
VARBL													
CALM												4.8	
	20.0	40.0	21.9	10.5	1.0	1.9						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 105



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72 FEB  
STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800  
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.1	.5	.7	.5							4.2	7.7
NNE	.2	1.5	.9	.5								3.2	7.5
NE	1.4	2.3	.4									4.6	4.8
ENE	.5	1.0	.5									2.6	4.9
E	1.4	6.3	4.2									11.9	6.2
ESE	.2	2.1	1.1	.9								4.2	7.2
SE	.2	2.8	1.4									4.4	6.3
SSE	.7	2.6	1.9	.5								5.8	6.7
S	1.1	4.9	3.7	1.4	.2							11.2	7.1
SSW	.4	2.5	2.3	.9	.4							6.3	8.1
SW	.2	2.1	1.6	.7	.5			.2				3.3	9.8
WSW		3.0	2.5	1.8	.9	1.1	.2					9.3	11.7
W	1.9	2.6	3.2	3.9	1.2	.4	.7	.2				14.0	11.1
WNW	.2	1.1	.5	.5								2.3	7.6
NW	.5	.5	.5									1.6	5.4
NNW		.9	.7									1.6	6.9
VARBL	.5	.5										1.1	4.2
CALM												6.7	
	10.7	38.9	25.7	11.7	3.7	1.4	.9	.4				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 571

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/VAC

### SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

47,6672  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	1.0	.7	.3	.2						3.3	9.7
NNE	.5	1.6	.9	.2	.2							3.3	6.6
NE	1.7	2.1	1.0									4.9	4.6
ENE	.3	1.2	.7									2.3	5.3
E	.5	4.4	5.4	1.2								11.5	7.3
ESE		1.6	2.3	.7								4.3	7.7
SE	.3	3.7	2.6									6.6	6.3
SSE	.9	1.6	2.6	.9								5.9	7.6
S	.7	3.5	6.3	.5	.3							11.4	7.6
SSW	.2	1.2	2.4	.9	.3							5.2	9.9
SW	.2	1.2	2.8	1.4	.9		.2					6.6	10.9
WSW	.3	1.0	2.6	2.1	1.2	.2	.2					7.7	11.8
W	.3	3.1	4.5	3.3	1.0	.7	.2	.3	.2			13.8	11.8
WNW		.9	1.0	.3	.5		.2					3.0	11.4
NW	.2	1.0										1.2	4.7
NNW	.3	.3	.7									1.4	6.3
VARBL		.2										.2	6.0
CALM												7.0	
	7.3	29.0	37.1	12.2	5.1	1.0	.7	.3	.2			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

572

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

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47, 66-72 MONTH FEB  
 CLASS ALL WEATHER HOURS (LST) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	1.2	.7	.2							5.1	6.7
NNE	.4	.9	1.9	.5								3.7	8.0
NE	1.1	2.8	.4									4.2	4.8
ENE	.2	.7	.9									1.8	6.5
E	1.6	3.0	5.9	3.0								11.7	7.7
ESE		2.3	2.3	.4								4.9	7.3
SE	.2	2.8	3.7	.2								6.9	6.9
SSE	.4	2.1	1.6	1.2	.2							5.5	8.2
S	.4	3.2	4.6	2.5								10.6	8.2
SSW	.9	.9	2.7	.7								4.8	7.9
SW	.2	1.1	1.6	1.2	.4		.5					4.9	11.7
WSW	.4	.9	2.3	4.1	1.8							9.4	12.1
W	.2	2.3	4.1	3.7	3.4	1.4	.2				.2	15.4	13.7
WNW	.2	.4	1.1	.7	.2							2.5	9.6
NW	.2	.9	1.2	.2								2.5	7.4
NNW	.2	.2	1.1									1.4	7.4
VARBL	.4	.4	.2									.9	4.8
CALM												3.9	
	7.6	26.5	34.6	19.1	6.0	1.4	.7		.2			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 566

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 34172 STATION NAME: ANSBACH AAF GERMANY/KATTERBACH YEARS: 47,66-72 MONTH: FRB  
 CLASS: ALL WEATHER HOURS (LST): 1500-1700  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	1.2	1.1								3.9	7.8
NNE	.4	1.0	2.1	.5								4.8	8.0
NE	.9	2.1	2.0	.7								5.7	6.9
ENE	.2	.7	1.1	.4								2.3	7.5
E	.4	3.4	4.1	2.3								10.2	8.2
ESE	.4	1.2	2.1	.2								3.9	7.1
SE	.7	1.1	2.3	.7								4.8	7.3
SSE	.2	2.3	3.7	1.1	.2	.2						7.7	8.5
S	.7	4.1	4.1	.4	.4							9.6	7.3
SSW		.9	1.4	1.4								3.7	9.5
SW	.5	.4	1.4	.9								3.2	8.1
WSW	.7	1.1	3.0	4.1	1.6	.4	.2					11.1	12.1
W	.7	2.0	3.6	5.0	2.1	.9						14.3	11.9
WNW	.4	1.4	2.1	1.1	.2	.2	.2					5.5	10.0
NW	.2	.7	.5	.2								1.6	7.0
NNW	.2	1.1	.7									2.0	5.8
VARBL	.2		.4									.5	5.3
CALM												5.2	
	7.1	25.3	36.0	21.0	4.5	1.6	.4					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 361

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

47,66-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.1	1.6									4.1	6.3
NNE	1.2	.8	1.6	.8								4.5	7.0
NE	4.9	6.0	1.6	.4								13.6	4.9
ENE	.4		1.2									1.6	6.8
E	1.6	6.2	6.2	1.2								15.2	6.3
ESE		1.2	1.2									2.5	6.3
SE	.4	2.1	2.1									4.5	6.5
SSE	.4	2.1	2.1		.4							4.9	7.1
S	2.1	2.5	3.7	.8								9.1	7.1
SSW	.8	.4	1.2	1.2	.4							4.1	9.2
SW	.4		1.6	1.2	.4							3.3	10.1
WSW	.4	2.9	2.5	1.2	.4							7.4	7.8
W	.4	1.6	3.7	2.9	1.6	1.2						11.5	12.2
WNW			2.1	.4			.4					2.9	12.7
NW	.8	1.0	1.6									4.1	5.3
NNW	.4	.4	.8									1.6	6.8
VARBL	.4											.4	3.0
CALM												4.5	
	15.2	30.5	35.0	10.3	2.9	1.2	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 243

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172     ANSBACH AAF GERMANY/KATTERBACH     47     FEB  
STATION     STATION NAME     YEARS     MONTH

ALL WEATHER  
CLASS

\_\_\_\_\_ 2100-2300 \_\_\_\_\_  
CONDITION     HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.8	1.3									12.5	4.8
NNE			1.3									1.3	7.0
NE	3.0	17.5	5.0	1.3								27.5	5.4
ENE													
E	6.3	11.3	5.0									22.5	5.1
ESE	3.0		2.3	1.3								7.5	6.5
SE	1.3	3.8	6.3									11.3	6.7
SSE													
S			2.5	1.3								3.8	9.7
SSW													
SW		2.5		1.3	2.5							6.3	11.6
WSW													
W	2.5		1.3									3.8	4.0
WNW													
W <sub>w</sub>													
NNW													
VARBL													
CALM												3.8	
	20.0	43.8	25.0	5.0	2.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 80

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH MAR  
 CLASS ALL WEATHER HOUR(S) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	1.1	2.2										3.3	4.0
ENE													
E	3.3	3.3										6.7	3.7
ESE													
SE	3.3	11.1	1.1									15.6	5.1
SSE	1.1	1.1	1.1									3.3	6.0
S	3.3	17.8	2.2	1.1								24.4	5.5
SSW		1.1										1.1	4.0
SW	3.3	3.3	4.4	2.2								13.3	6.5
WSW		1.1		1.1								2.2	8.5
W	2.2	2.2	6.7	4.4	5.6							21.1	11.1
WNW					1.1							1.1	17.0
NW			2.2	2.2								4.4	11.5
NNW													
VARBL													
CALM												3.3	
	17.8	43.3	17.8	11.1	6.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47,71 MONTH MAR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.4	2.2									6.6	6.1
NNE	.7	1.5	2.9	1.5								5.5	7.8
NE	.7	1.5	.7									2.9	5.0
ENE	.7	2.2	.7									3.7	5.8
E		4.4	1.5									5.9	5.8
ESE													
SE	1.5	5.1	2.9									9.6	5.5
SSE			.7									.7	8.0
S	2.9	9.6	4.4	.7								17.6	5.6
SSW	.7	1.5	.7	.7								3.7	6.2
SW	1.5	5.1	2.9	2.2	1.5							13.2	8.1
WSW	.7											.7	2.0
W	1.5	4.4	6.6	3.7	.7	.7						17.6	9.3
WNW	.7	1.5										2.2	4.0
NW		.7	.7	2.2								3.7	10.6
NNW													
VARBL	.7					1.5						2.2	16.3
CALM												2.9	
	12.5	41.9	27.2	11.0	2.2	2.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 136



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

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMAN LATTERBACH YEARS 47,60-72 MONTH MAR  
 CLASS ALL WEATHER HOURS (LST) 0600-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	1.7	.2								4.1	6.6
NNE	.3	1.5	2.4	.3								4.6	7.9
NE	.4	1.7	2.4	.3								4.6	7.3
ENE		1.4	1.8	.3								3.5	7.8
E	.5	1.8	3.5	1.7								7.3	8.4
ESE	.2	1.3	1.5	.3	.2							1.4	9.1
SE	.2	1.4	1.5	.2								3.2	6.6
SSE	.3	1.5	2.1	.3								4.3	7.3
S	.8	3.8	3.9	.2								8.5	6.6
SSW	.8	2.6	1.4	.8	.3	.2						5.9	7.7
SW	1.7	1.8	.8	.6	.6	.2						5.6	7.8
WSW	.5	1.1	2.9	2.1	.8	.3	.2					7.8	11.2
W	2.0	7.0	6.4	7.0	2.3	.6						28.1	11.2
WNW	.2	1.1	.5	1.2								1.2	7.8
NW	.2	.8	.5	.2								1.2	6.8
NNW	.2	1.2	.3	.2								1.2	6.8
VARBL		.2	.2		.2	.3						1.2	6.8
CALM												1.1	6.8
												430.1	7.9

TOTAL NUMBER OF OBSERVATIONS 658

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/VAC

### SURFACE WINDS

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

STATION: 34172 ANSBACH AAF GERMANY/KATTERBACH CLASS: ALL WEATHER YEARS: 47,66-72 MONTH: MAR  
 NUMBER OF OBSERVATIONS: 0900-1100  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.0	1.4	.3								3.8	6.6
NNE	.3	1.5	2.6	.5								5.1	7.7
NE	.2	.9	1.8	.3								3.2	6.4
ENE	.2	.6	1.2	.8								2.8	6.9
E	.5	2.0	2.6	2.3								7.4	8.9
ESE	.2	.9	2.0	.5								3.5	7.9
SE	.2	2.0	1.8	.2								4.1	6.9
SSE	.6	.6	1.2	.8								3.4	6.4
S	1.2	3.2	3.5	1.5								9.5	7.3
SSW	.5	.6	.8	1.5	.3							3.7	9.8
SW	.6	.8	1.6	2.9	1.2	.2						7.5	12.0
WSW	.2	1.2	2.6	2.9	1.8	.6						9.4	12.8
W	.9	3.4	8.3	7.8	2.3	.2	.2					23.2	10.9
WNW	.3	.6	1.4	1.5	.3							4.1	10.6
NW		.6	.3	.2								1.2	8.6
NNW		.3	.9	.2								1.4	8.8
VARBL	.2	.2	.8	.2								1.2	7.9
CALM												5.5	
	6.0	21.6	35.3	24.4	6.0	1.1	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 652

1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172      ANSBACH AAF GERMANY/KATTERBACH      47,6572      VAR  
STATION      STATION NAME      YEARS      MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.1	2.0	.9	.2	.2						5.1	8.3
NNE	.3	1.5	1.2	.6								3.7	7.6
NE	.3	1.1	1.2	.3	.2							3.1	8.0
ENE	.2	1.1	1.7	.6								3.6	8.4
E	.3	1.4	3.3	1.2	.2	.2						6.7	8.9
ESE	.2	.8	.5	.8								2.2	8.2
SE	.5	.9	2.2	1.1								3.0	8.2
SSE	.2	.8	1.2	.3								2.3	7.2
S	.8	2.2	2.3	1.2								6.5	7.8
SSW	.5	.5	.8	1.4	.2	.2	.2					3.6	11.4
SW		.3	.8	1.5	.5	.3						3.4	13.6
WSW	.2	1.1	2.2	3.7	2.5	1.5						11.1	14.6
W	.9	1.9	6.2	10.7	4.2	1.9	.2					23.9	13.0
WNW		1.1	1.5	1.1	.5	.2						4.3	10.8
NW		.3	.6	.9	.3							2.2	11.9
NNW	.3	.9	1.1	.2	.2							2.6	7.8
VARBL	.6	.3	.9	.8			.2					2.8	9.3
CALM												5.9	
	6.3	17.2	29.7	27.4	8.7	4.3	.5					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 646

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERFACH  
STATION NAME

47,66-72  
YEARS

MAR  
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	1.0	1.0	1.9	.0	.2	.2						5.4	7.4
NNE	.6	2.4	2.2	.5		.2						6.1	7.0
NE	.3	1.3	.8	1.0		.3						3.7	9.1
ENE	.2	1.3	1.3	1.1								3.4	8.8
E	.3	1.6	2.1	1.6	.2							5.9	8.5
ESE	.2	1.9	1.0	.3								3.3	6.9
SE	.2	1.4	2.6	.2								4.3	7.0
SSE	.3	.3	1.4	.6								2.7	8.9
S	.3	2.1	2.2	1.1	.5							6.2	8.8
SSW	.2	.3	.5	1.0	.5	.3	.2					2.9	14.7
SW		.3	1.0	2.1	.6	.3						4.5	14.2
WSW		.3	2.4	3.7	1.9	.8	.3					9.4	14.7
W	.3	1.8	7.2	10.4	2.2	1.3	.3					23.4	12.9
WNW	.2	1.4	2.1	2.2	.3							6.2	9.6
NW	.2	1.0	1.8	.6	.5							4.0	9.6
NNW	.2	.6	.8	.6	.2							2.4	9.3
VARBL	.2	.2	.3	.3								1.0	8.7
CALM												4.8	
	5.3	19.3	31.4	27.9	7.0	3.5	.8					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

627

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

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47,66-72 MONTH MAR  
 CLASS ALL WEATHER HOURS (LST) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.1									3.2	5.0
NNE	1.1	2.9	2.5	.4								6.8	6.3
NE	1.4	1.4	1.1		.4							4.3	6.2
ENE	.4		.7	.4	.4							1.8	10.8
E	2.2	2.2	1.8	.4								6.5	5.7
ESE		1.1										1.1	5.3
SE	.7	1.8	3.2									5.7	6.4
SEF		1.1	.7	.7								2.5	8.6
S	1.8	1.1	2.9	1.4								7.2	7.1
SSW		.4	.7	.4	.4							1.8	10.4
SW		1.4	4.3	2.2		.4	.4					8.6	10.8
WSW	.4	1.8	2.9	2.9	.4	1.4	.4					10.0	12.5
W	1.1	2.2	8.6	8.2	1.1	2.9						24.0	11.9
WNW	.4	1.8	1.1	.4								3.5	6.2
NW	1.1	1.4	.7	1.1								4.3	6.6
NNW	.7	1.1	.4	.7								2.9	7.4
VARBL	.4											.4	2.0
CALM												5.4	
	12.5	22.6	32.6	19.0	2.5	4.7	.7					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 279

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH MAR  
 CLASS ALL WEATHER HOURS (LST) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2										3.2	4.3
NNE													
NE	4.3	1.1										5.4	3.2
ENE	1.1											1.1	3.0
E	6.5	3.2										9.7	3.3
ESE													
SE		3.2	6.5									9.7	7.2
SSE		3.2										3.2	4.7
S	1.1	7.5	5.4	1.1								15.1	6.7
SSW		1.1	1.1									2.2	6.0
SW	2.2	3.2	5.4	1.1								11.8	7.0
WSW			1.1									1.1	7.0
W	3.2	3.2	3.2	4.3	3.2	1.1						18.3	10.8
WNW				2.2								2.2	14.5
NW	1.1		2.2	2.2	1.1							6.5	10.7
NNW	1.1	3.2										4.3	3.8
VARBL													
CALM												6.5	
	21.5	31.2	24.7	10.8	4.3	1.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH APR  
 CLASS ALL WEATHER HOURS (L O T) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	2.2	1.1								2.6	8.4
NNE													
NE	2.2	2.2										4.4	3.3
ENE													
E		4.4	1.1									5.6	5.2
ESE													
SE			1.1	1.1								2.2	11.0
SSE		1.1	1.1									2.2	6.5
S	3.3	7.8	3.3	3.3								17.8	6.3
SSW													
SW	1.1	3.3	3.3									7.8	6.4
WSW	1.1				1.1							2.2	10.0
W	2.2	14.4	4.4	4.4	4.4	1.1						21.1	8.9
WNW	3.3											3.3	3.0
NW		1.1	1.1									2.2	7.0
NNW													
VARBL													
CALM												15.6	
	14.4	35.6	17.8	10.0	5.6	1.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 91

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

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH APR  
 CLASS ALL WEATHER HOURS (LST) 0200-0900  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.3		1.1								6.7	5.0
NNE													
NE	6.7	3.3	1.1									11.1	4.0
ENE													
E	1.1	3.3	1.1									5.6	4.6
ESE													
SE													
SSE		1.1										1.1	5.0
S	1.1	3.3	6.7	2.2								13.3	8.1
SSW	1.1											1.1	3.0
SW	3.3	8.9	1.1	2.2		2.2						17.8	8.3
WSW													
W	10.0	12.2	6.7	3.6	4.4							38.9	8.0
WNW		1.1										1.1	4.0
NW		1.1										1.1	3.0
NNW													
VARBL													
CALM												2.2	
	25.6	37.8	16.7	11.1	4.4	2.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 90



1  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH TIME 47,66-70,72 MONTH APR  
 CLASS ALL WEATHER HOUR (CST) 0600-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	1.2	.9	.2							4.6	8.3
NNE		2.8	4.0	1.1								7.9	7.8
NE	.5	2.1	.9	.2								3.7	5.6
ENE	.4	1.1	1.8	.5								3.7	7.4
E	.5	1.2	.4									2.1	5.0
ESE	.9	.9	.5									2.3	5.2
SE	.2	1.8	.4	.2								2.3	5.9
SSE	.7	1.4	.4	.5								3.0	6.8
S	1.2	4.7	2.6	.5								9.1	6.3
SSW	.4	1.9	1.8	1.1	.2							5.3	8.0
SW	.2	2.5	2.6	2.6	.4	.2						8.4	9.8
WSW	.5	1.6	3.5	2.3	.7	.4						6.9	10.4
W	2.5	4.7	5.4	4.9	.9	.2						18.6	8.9
WNW	.5	.7	1.4	1.4	.4							4.4	9.9
NW	.4	.4	.9	.9								2.5	9.0
NNW	.4	1.2		.2								1.9	5.5
VARBL	.2											.2	3.0
CALM												11.4	
	9.8	30.6	27.7	17.2	2.6	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

47,66-70,72  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.9	2.1	1.2								5.5	8.1
NNE	.5	1.2	2.6	1.1								5.5	8.1
NE	.7	1.6	1.2	.5	.2							4.2	7.5
ENE		.2	2.8	.2	.2							3.4	8.6
E		.5	3.4	1.1	.5	.2						5.5	10.8
ESE	.2	.7	.5	.2								1.6	7.2
SE	.2	1.2	.9	.5								2.8	7.1
SSE	.5	1.8	.5									2.8	5.2
S	1.4	2.1	1.9	.9		.2						6.5	7.4
SSW	.4	.9	1.4	1.6								4.2	8.9
SW	.4	1.2	3.2	2.3	.7	.2						7.9	10.8
WSW	.3	.5	4.1	3.9	1.4	1.2	.2					11.8	13.3
W	1.8	3.7	3.8	4.6	3.4	1.1						20.3	10.9
WNW	.2	1.2	2.1	1.4								4.9	9.1
NW	.2	.5	1.1	1.1								2.8	9.3
NNW		.7	1.4	.9								2.0	9.9
VARBL													
CALM												7.1	
	7.1	20.1	35.1	21.3	6.3	2.8	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 367

1

DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH YEARS 47,66-70,72 MONTH APR  
 CLASS ALL WEATHER HOURS (LST) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.6	1.2	.2							6.0	8.9
NNE	.4	.9	2.8	1.2	.2							5.4	9.1
NE	.9	.9	.7	.7		.2						3.0	8.3
ENE		1.4	1.1	1.2								3.7	9.0
E	.7	1.4	2.3	2.6	.4							7.4	9.5
ESE		.5	.9	.7								2.1	9.1
SE		.9	.7	.2								1.8	7.4
SSE	.2	.5	.9	.2	.2							1.9	8.5
S	.7	1.8	1.9	1.4	.4							6.2	8.8
SSW	.2	1.1	.7	.7	.7							3.3	10.3
SW	.7	1.9	2.3	1.6	.2	.2	.5					7.4	10.1
WSW	.2	1.1	2.1	4.6	1.6		.2	.2				9.8	13.3
W	.5	3.0	5.1	8.3	3.5	1.8	.4					22.5	13.1
WNW	.2	1.6	.5	2.3	.2							4.7	10.0
NW		1.1	2.6	1.2								4.9	9.4
NNW	.5	1.4	1.1	.7	.2							3.9	7.7
VARBL	.5	.7		.2								1.4	4.9
CALM												4.6	
	5.4	21.6	28.5	29.0	7.6	2.1	1.1	.2				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 369

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

# SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

47,66-70,72  
YEARS

APR  
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	.7	1.8	3.0	1.6								7.2	8.1
NNE	.4	.9	3.5	1.6	.4							6.7	9.3
NE		1.2	2.3	1.2	.4							5.1	9.2
ENE		.5	.7	.5	.4	.2						2.3	11.6
E	.7	1.1	1.9	1.4	.4							5.4	8.7
ESE		1.2	.4	.4								1.9	7.4
SE	.5	.4	.5	.2	.2							1.8	7.1
SSE		.2	.5									.7	8.8
S	.4	1.2	1.8	1.1	.5	.2						5.1	9.6
SSW	.2	.5	1.1	.5								2.3	8.0
SW	.4	.9	2.3	1.4	.2							5.1	9.5
WSW		.7	3.5	4.6	1.2	.2	.2					10.4	12.8
W	.5	1.8	6.6	8.2	3.7	1.9						23.2	12.5
WNW		1.1	1.4	2.3	.4		.2					5.3	11.6
NW	.5	.9	1.8	1.2	.2							4.6	9.1
NNW	.7	.9	1.8	.5								3.9	7.6
VARBL	1.2	.4										1.6	2.9
CALM												7.9	
	6.1	15.0	33.2	26.7	7.7	2.5	.4					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 570

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

34172 STATION ANSBACH AAF GER 1A1Y/KATTERBACH 47,66-70,72 YEAR APR  
 MONTH  
ALL WEATHER CLASS 1800-2000  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.4	1.8	1.8	1.8								5.7
NNE	1.8	1.4	2.5	1.1	.4							7.1
NE	2.1	.7	.7	.4								3.9
ENE		1.1	1.4	.4	.7							3.6
E	1.1	4.5	1.8	.4								7.9
ESE	.7	.7	.4									1.8
SE	.4	1.8	.4	.4								2.9
SSE	.4	.4	.4									1.1
S	.4	.7	2.5	.4								3.9
SSW		.4	.7	1.1	.4							2.3
SW	1.1		2.1	2.5	.7							6.4
WSW	.7	1.4	2.5	.7								7.4
W	1.1	5.4	9.6	6.8	3.2	.7						26.8
WNW	.7	2.5	1.4	1.1		.4						6.1
NW	.4	1.8	1.4	1.4								3.0
NNW	.4		.4	.4								1.1
VARBL	.7											.7
CALM												8.2
	12.1	24.0	30.0	18.6	3.4	1.1						100.0

TOTAL NUMBER OF OBSERVATIONS 280

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH APR  
 CLASS ALL WEATHER HOURS (EST) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	1.1									2.2	6.5
NNE													
NE	3.3	6.7										10.0	4.1
ENE													
E	3.3	2.2										5.6	4.2
ESE													
SE		3.3	3.3									6.7	6.5
SSE			1.1									1.1	7.0
S	2.2	2.2	5.6	1.1								11.1	7.0
SSW													
SW		3.3		1.1	2.2							6.7	10.7
WSW													
W	5.6	8.9	13.3	3.3	2.2							33.3	8.6
WNW				2.2								2.2	14.5
NW	2.2	1.1	3.3	3.3								10.0	8.6
NNW													
VARBL													
CALM												11.1	
	16.7	26.9	27.8	11.1	4.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47 VAY  
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0200  
CLASS HOUR (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	5.6	9.2	3.7									19.5	5.0
ENE													
E	9.3	3.6	3.7	1.9								20.4	5.4
ESE													
SE	7.4	7.4	7.4									22.2	4.9
SSE													
S			1.9									1.9	10.0
SSW			1.9									1.9	10.0
SW	1.9	1.9	1.9	1.9								7.4	6.3
WSW													
W	1.9	1.9	3.7	1.9								9.3	8.4
WNW													
NW		3.7										3.7	4.5
NNW													
VARBL													
CALM												14.8	
	25.9	29.6	24.1	3.6								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 54

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172 STATION     ANSBACH AAF GERMANY/KATTERBACH STATION NAME     46-47 YEARS     MAY MONTH

ALL WEATHER CLASS     2300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	2.0	2.0									7.1	5.3
NNE	1.0	7.1	2.0									10.2	5.1
NE	3.1	8.2	2.0									13.3	4.5
ENE													
E	9.2	2.0	4.1	1.0								16.3	5.1
ESE													
SE	7.1	1.0	1.0									9.2	3.3
SSE													
S													
SSW			1.0									1.0	10.0
SW	3.1	4.1	2.0									9.2	5.1
WSW	1.0		1.0									2.0	4.5
W	1.0	5.1		3.1								9.2	7.2
WNW	1.0											1.0	3.0
NW	1.0											1.0	2.0
NNW			1.0									1.0	9.0
VARBL													
CALM												19.4	
	30.6	29.6	6.3	4.1								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 93



1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46-47,56-70,72  
YEARS

VAY  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.8	.7									3.6	4.8
NNE	.5	3.1	2.0	1.0								6.6	7.0
NE	2.0	2.5	.8									5.4	4.5
ENE	.7	1.8	.7	.3								3.3	6.5
E	2.5	3.0	2.3	.7	.3							8.5	6.8
ESE		1.5	.5	.3								2.3	6.9
SE	1.5	1.1	1.0	.2								3.8	5.1
SSE	.5	2.0	.5									3.0	5.0
S	1.5	3.8	1.0									4.2	4.9
SSW	.2	.7	1.5	.3	.2							3.3	8.1
SW	.5	1.5	2.8	1.5								6.2	8.6
WSW	1.0	2.3	3.3	1.5	.7							8.7	8.5
W	1.5	5.3	7.9	2.1	.5							17.2	8.0
WNW	.5	1.3	2.5	.2								4.3	7.3
NW	.5	.7	.8	.3								2.3	7.1
NNW	.2	.7	1.3									2.1	7.3
VARBL	.2	.2										.3	3.5
CALM												12.8	
	14.8	33.0	29.6	8.4	1.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

609

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

### SURFACE WINDS

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

34172  
 STATION

ANSBACH AAF GERMANY/KATTERBACH  
 STATION NAME

46-47,66-70,72  
 YEARS

MAY  
 MONTH

ALL WEATHER  
 CLASS

0900-1100  
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	1.1	.3								5.4	5.5
NNE	.5	1.3	.3	.2								2.3	5.2
NE	.6	1.8	1.3	.5								4.2	7.0
ENE	.8	1.1	1.1	.5	.2							3.7	7.3
E	1.5	2.3	3.9	1.9	.2							9.7	8.2
ESE		1.0	2.4	.6	.2							4.4	9.1
SE	.4	1.8	1.8	.3								4.7	6.3
SSE	1.0	1.0	1.5									3.4	5.9
S	.8	2.3	2.8	.3								6.2	6.5
SSW	.2	.8	1.3	.3	.2							2.8	8.2
SW	.3	.5	2.3	1.3	.2	.3						4.9	10.8
WSW	.5	.8	4.4	2.6	.5	.2						8.9	10.2
W	.5	3.9	8.9	4.4	1.1	.5						19.3	9.9
WNW	.5	.8	1.9	1.9								5.2	8.7
NW	.6	.8	1.3	.8								3.6	8.0
NNW	.2	.6	.5	.5								1.8	8.2
VARBL	.3	.4	.3	.2								1.0	6.8
CALM												8.6	
	10.7	23.2	37.2	16.9	2.4	1.0						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 616

1  
 DATA PROCESSING BRANCH  
 ETAC, USAF  
 AIR WEATHER SERVICE/AC

# SURFACE WINDS

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

STATION: 34172 STATION NAME: ANSBACH AAF GERMANY/KATTERBACH YEARS: 46-47, 66-70, 72 MONTH: MAY  
 CLASS: ALL WEATHER HOURS (LST): 1200-1400  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.9	1.9	.3								5.0	6.7
NNE	.3	2.0	1.5	.3								4.9	5.3
NE	.3	1.9	1.5	.5								4.2	6.8
ENE	.2	1.1	1.0	1.0	.2							3.7	8.8
E	.6	1.5	3.7	2.4								8.4	8.8
ESE	.5	1.1	1.8	.6	.3							4.7	7.8
SE	.6	1.3	1.5	.5								3.9	7.0
SSE	.2	1.9	.9	.3								3.2	6.2
S	.3	1.8	2.4	.2								4.7	7.0
SSW		1.5	1.0	.5								2.9	7.8
SW	.6	.6	2.1	1.0	1.0							5.4	10.2
WSW	.2	1.5	2.4	4.2	.5	.6						9.4	12.1
W	1.0	2.6	4.9	5.4	2.1							15.9	10.8
WNW	.5	1.1	2.6	2.4	.6							7.5	10.3
NW	.2	1.5	1.1	1.3	.2							4.2	8.7
NNW	.3	1.1	1.5	.5	.2							3.6	8.1
VARBL	.2	.2	.5	.3								1.1	8.4
CALM												7.1	
	7.1	26.0	32.3	21.8	5.0	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/YAC

**SURFACE WINDS**

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

34172 STATION      ANSBACH AAF GERMANY/KATTERBACH STATION NAME      46-47,66-70,72 YEARS      MAY MONTH  
 \_\_\_\_\_  
 \_\_\_\_\_ CLASS ALL WEATHER \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ CONDITION \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ HOURS (L.S.T.) 1500-1700

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥55	%	MEAN WIND SPEED
N	1.1	2.1	2.3	1.0								6.5	7.0
NNE	.5	1.0	3.4	.5								5.7	7.4
NE	.6	1.3	2.3	.5	.2							4.9	7.1
ENE	.2	.8	2.1	.6	.2							3.9	8.6
E	1.0	2.1	3.4	2.1	.3							8.9	8.6
ESE	.2	.0	1.1	.3	.2							2.4	8.5
SE	.2	1.6	1.8	.3								3.9	7.1
SSE	.2	1.6	.8	.2								2.8	6.6
S	.5	1.3	2.6	.3	.3							5.4	7.5
SSW	.3	1.0	1.8	.3	.2							3.7	8.1
SW	.6	.5	1.1	.8	.5							3.6	9.2
WSW	.5	1.1	2.1	2.1	1.1	.3						7.1	11.8
W	.5	4.1	6.8	5.7	1.6	.3						19.0	10.6
WNW		1.3	2.4	1.9	.6							6.8	10.1
NW	.2	1.1	1.8	1.3								4.4	8.7
NNW	.6	1.0	1.1		.2							2.9	6.8
VARBL	.5	.2										.6	3.3
CALM												7.5	
	8.1	23.2	37.0	18.2	3.4	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

# SURFACE WINDS

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

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46-47, 66-70, 72 YEARS MONTH MAY

ALL WEATHER

1800-2000  
HOURS (L S T)

COMMENTS

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	4.3	2.6	.3								10.4	5.6
NNE	.7	2.1	2.1	1.7								6.6	8.2
NE	1.7	2.4	1.7	.7								6.6	6.1
ENE	.3	.3	1.7	.3								2.3	7.6
E	2.1	2.4	5.2	1.0								10.7	7.1
ESE	.3	2.1	.7	.7								3.8	7.5
SE	.3	1.0	1.4	.3								3.1	7.1
SSE	.3	1.0	1.0									2.4	6.4
S		3.1	1.7									4.8	6.2
SSW		.3	.7									1.0	7.0
SW	.3	1.0	.7	.7								2.8	8.3
WSW		1.7	1.0	2.4	.3							5.3	9.7
W	1.0	3.1	5.2	6.2	.7							16.3	9.9
WNW		1.4	4.5	.3	.3							6.6	8.7
NW	.3	1.0	1.0	.3								2.8	7.3
NNW	.3	1.4	1.0									2.3	6.6
VARBL													
CALM												11.1	
	10.7	29.1	32.5	15.2	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 289

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

**SURFACE WINDS**

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

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH YEARS 46-47 MONTH MAY  
STATION NAME CLAS CLAS HOURS (LST)  
ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE	2.1	2.1										4.2	4.0
NE	4.2		6.2									10.4	7.0
ENE	2.1											2.1	3.0
E	8.3	6.2	16.7	2.1								33.3	6.6
ESE													
SE	2.1	6.3										10.4	4.2
SSE													
S	2.1	4.2										6.2	4.0
SSW													
SW		4.2										4.2	4.5
WSW													
W	4.2	2.1	2.1	2.1								10.4	7.0
WNN													
NW													
NNW													
VARBL													
CALM												18.7	
	25.0	27.1	23.0	4.2								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 48

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY STERBACH YEARS 46 MONTH JUN  
 CLASS ALL WEATHER HOURS (L S T) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2		2.3								4.7	9.0
NNE	2.3	4.7	3.5									10.5	5.3
NE	1.2	2.3										3.5	4.3
ENE													
E													
ESE													
SE	1.2	3.5										4.7	3.8
SSE	1.2	1.2										2.3	4.5
S	2.3	2.3	1.2									5.8	4.4
SSW		2.3										2.3	3.0
SW	4.7	10.5	4.7									19.8	5.2
WSW	2.3	3.5										5.8	4.4
W	4.7	10.5	3.5	1.2								24.4	5.7
WNW	1.2											1.2	3.0
NW	1.2				1.2							2.3	9.5
NNW													
VARBL													
CALM												12.8	
	23.2	41.9	17.4	3.5	1.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 86

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

**SURFACE WINDS**

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

34172      ANSBACH AAF GERMANY/KATTERBACH      46,71-72      JUN  
STATION      STATION NAME      YEARS      MONTH  
 \_\_\_\_\_  
ALL WEATHER      \_\_\_\_\_  
CLASS  
 \_\_\_\_\_  
CONDITION  
 \_\_\_\_\_  
 \_\_\_\_\_  
0300-0500  
HOURS (LST)

SPEED (KNTS/ DIR.	1 - 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										3.0	3.5
NNE	.7	3.7	.7									5.2	3.6
NE	2.2	3.7	.7									6.7	4.7
ENE	1.5	.7										2.2	2.0
E	1.5	1.5										3.0	3.8
ESE													
SE		1.5										1.5	5.0
SSE		.7										.7	4.0
S	4.4	6.7										11.1	3.9
SSW	1.5	5.2	1.5	.7								8.9	5.6
SW	1.5	10.4	3.0	.7								15.6	5.5
WSW		2.2	3.0	1.5								6.7	6.4
W	3.0	7.4	3.7	5.2								19.3	7.8
WNW	.7	.7	2.2		.7							4.4	6.5
NW				1.5								1.5	14.0
NNW													
VARBL	.7			.7	.7							2.2	12.0
CALM												8.1	
	19.3	45.9	14.8	10.4	1.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 135



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172 STATION ANSBACH AAF GERMANY/KATTERBACH STATION NAME 46,6672 YEARS JUN MONTH  
ALL WEATHER CLASS 0600-0800 HOURS (LST)  
 \_\_\_\_\_  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.3	2.1	1.0								6.2	7.4
NNE	1.3	2.9	2.9	.6								7.9	6.5
NE	1.0	2.4	.5	.6								4.5	5.8
ENE	.3	1.3	1.3	.3								3.4	7.0
E	.6	1.5	1.3	.2								3.7	6.0
ESE	1.0	.8	.3									2.1	4.2
SE	.2	1.3	.5									1.9	5.5
SSE	1.0	1.9	.8									3.7	5.0
S	1.3	1.6	1.3	.3								4.5	5.8
SSW	.5	1.3	1.6	.5								3.9	7.1
SW	.6	2.8	3.2	.8								7.5	7.0
WSW	.8	2.6	2.6	.8								6.8	7.1
W	1.5	5.3	9.2	2.8	.6							19.4	8.3
WNW	.5	1.9	1.8	.3								4.5	6.7
NW	.3	.3	.8	.2	.2							1.9	7.9
NNW	.3	1.1	.3	.2								1.9	5.8
VARBL	.5	1.1	.5	.6	.5							3.2	9.0
CALM												12.8	
	12.6	32.7	31.1	9.4	1.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 617

1  
 DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (LST) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	1.9	1.4	.2							6.4	7.9
NNE	.3	1.1	2.1	.5								4.0	7.9
NE	.5	1.4	1.6	.8								4.3	7.2
ENE	.5	1.3	1.8	1.3								4.8	8.3
E	1.3	1.1	1.9	1.4	.2							5.9	7.9
ESE		1.1	.5	.2								1.8	7.0
SE	.3	.8	1.3									2.4	6.3
SSE		1.0	.6									1.6	6.6
S	.8	1.9	2.7	.3								5.8	6.8
SSW		1.0	1.1	.5								2.6	8.4
SW	1.3	1.6	2.1	1.1	.2							6.2	7.4
WSW	1.1	1.4	2.8	1.6	.2	.2						8.3	8.8
W	.6	4.2	6.3	4.8	.8							18.7	9.5
WNW	.8	1.9	3.0	1.3	.3							7.4	8.4
NW	.5	.5	1.1	.6	.3							3.0	9.4
NNW	.5	1.1	1.4	.3								3.4	6.7
VARBL	.8	1.6	1.8	1.1	.3							5.6	8.2
CALM												7.8	
	9.9	25.3	37.1	17.3	2.4	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 625

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/TAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GER ARMY/KATTERBACH YEARS 46,66-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (LST) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	3.1	1.3	.3							7.7	8.0
NNE	.2	1.3	2.4	.5								4.9	7.0
NE	1.0	1.1	1.0	.7								3.8	7.0
ENE		.3	1.0	.5	.3							2.1	10.5
E	.2	1.1	2.4	1.5	.5							5.7	9.7
ESE	.2	.5	1.0	.2								1.8	7.5
SE	.7	.0	.7	.3								2.4	6.7
SSE	.3	1.0	1.3									3.3	6.2
S	.7	2.0	1.3	.5								4.4	6.2
SSW	.2	.5	2.3	.7								3.6	9.1
SW	.5	2.0	2.1	1.3								5.9	7.7
WSW	.2	1.0	2.8	2.6	.2							7.3	9.6
W	.7	4.2	8.6	8.5	1.1							21.2	9.8
WNW	.2	1.3	2.6	2.3	.2	.3						6.9	10.4
NW	.2	.3	1.8	1.5								3.8	9.4
NNW	.3	.8	.7	1.1	.2							3.1	9.1
VARBL	1.1	.8	2.6	1.0								5.5	7.7
CALM												6.7	
	6.0	22.2	37.7	22.3	2.8	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 613

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

34172      ANSBACH AAF GERMANY/KATTERBACH      46,66-72      JUN  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER  
CLASS

1300-1700  
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	1.0	1.2	3.5	1.0	.2							6.9	7.9
NNE	.8	2.3	1.7	1.2	.2							6.2	7.8
NE	.5	1.0	1.0	.7	.2							3.2	8.6
ENE		1.7	.8	.8	.3							3.7	8.7
E	.7	2.0	1.6	1.0	.2	.2						5.9	8.3
ESE	.2	.4	.3	.3								1.7	7.1
SE		.7	.3									1.0	5.8
SSE	.7	.7	.8	.2								2.3	5.7
S	.5	1.2	1.3	.3	.2							2.5	7.6
SSW	.2	.6	1.3	.2								2.2	7.3
SW	.7	1.7	2.0	1.5								5.9	8.3
WSW		2.0	2.2	1.7	.5							6.4	9.7
W	.3	3.2	10.7	7.5	.7	.2						22.6	10.1
WNW	.5	2.3	2.8	2.3								8.0	8.3
NW	.5	1.2	2.0	.7								4.3	8.0
NNW	.3	2.2	2.3	.7								5.5	7.3
VARBL	1.3	1.0	.3	.7								3.3	6.1
CALM												7.2	
	8.0	25.9	35.5	20.7	2.3	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS      598

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

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-70,72 MONTH JUN  
 CLASS ALL WEATHER HOURS (LST) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	5.7	2.7	1.1	.4							11.0	7.1
NNE	.6	1.1	2.3	.8								4.9	7.6
NE	.4	.8	1.1	.4								2.7	7.0
ENE	.8	1.5	1.1	.4								3.8	6.6
E	1.1	1.1	.4	.8								3.4	6.4
ESE		1.5	.4									1.9	6.0
SE		.8	1.1									1.9	7.4
SSE				.4								.4	11.0
S	1.5	3.0	.4									4.9	4.5
SSW	.4	.8	.4									1.5	5.5
SW	.4	1.5	3.0									4.9	7.2
WSW	.4	2.3	.8	1.5	.4							5.3	8.7
W	.4	5.7	8.4	8.0	.4	.4						23.2	9.7
WNW	.8	1.5	3.8	1.1								7.2	8.1
NW	1.9	5.3	.8	.4								8.4	4.9
NNW	.4	2.3	2.7	.4								5.7	6.6
VARBL													
CALM												8.7	
	10.3	35.0	29.3	15.2	1.1	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 263



1 DATA PROCESSING BRANCH  
DTAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

3472 STATION ANSBACH AAF GERMANY/KATTERBACH 46 YEARS MONTH JUL  
 CLASS ALL WEATHER HOURS (LST) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.2	8.0	3.4									20.7	4.5
NNE		1.1										1.1	4.0
NE	3.4											3.4	3.0
ENE													
E	1.1		1.1									2.3	5.0
ESE		1.1										1.1	4.0
SE	1.1	3.4	3.4									8.0	6.3
SSE	1.1	2.3										3.4	4.3
S	1.1	2.3										3.4	4.3
SSW		2.3										2.3	5.0
SW	1.1	6.9										8.0	5.0
WSW		2.3	2.3									4.6	6.8
W	9.2	10.2	3.4	1.1								24.1	4.9
WNW													
NW	4.6	2.3	1.1									8.0	4.0
NNW			1.1									1.1	7.0
VARBL													
CALM												8.0	
	32.2	42.5	16.1	1.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 87

DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46-71 MONTH JUL  
 CLASS ALL WEATHER HOURS (L S T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.3	2.3	.8								13.3	5.2
NNE	2.3	3.9	3.1									9.4	5.6
NE	1.6	.8	.8									3.1	4.5
ENE													
E	.8	.8										1.6	3.5
ESE		2.3										2.3	5.0
SE	.8	2.3										3.1	5.3
SSE	.8	1.6										2.3	4.7
S	2.3	4.7	1.6									8.6	5.2
SSW													
SW	6.3	3.9										10.2	3.5
WSW	.8	2.3	2.3									5.5	6.0
W	5.5	8.6	3.1									17.2	4.7
WNW	.8	.8										1.6	3.5
NW	2.3	.8	3.9									7.0	5.6
NNW	.8	.8										1.6	4.0
VARBL	1.6	.8										2.3	3.0
CALM												10.9	
	30.5	40.6	17.2	.8								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 128



DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172      ANSBACH AAF GERMANY/KATTERBACH      46,66-72      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	.7	2.6	1.5	.3								5.1	6.4
NNE	.2	1.3	2.6									4.3	6.8
NE	.7	1.5	.7	.2								3.0	5.6
ENE		.5	.2	.3								1.0	7.5
E	.7	2.3	.8									3.8	5.3
ESE	.8	2.1	.5									3.5	4.8
SE	.2	1.0	.8									2.0	5.8
SSE	.7	1.3	.8									2.8	5.3
S	1.3	3.8	1.8	.3								7.2	5.8
SSW	1.0	2.1	.7	.2								4.0	5.0
SW	1.0	3.5	2.5	.3								7.4	5.2
WSW	1.0	3.5	2.3	1.5	.2							8.4	7.5
W	1.8	7.6	6.6	2.1								18.3	7.1
WNW	.2	2.1	1.0	1.0								4.3	7.6
NW	.5	.7	1.3	.3								2.8	7.0
NNW		1.8	.7									2.9	6.1
VARL	.3	1.0	.3	.2								1.8	5.7
CALM												18.0	
	10.9	38.9	25.2	6.9	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 607

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-72 MONTH JUL  
 CLASS ALL WEATHER HOURS (L S T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.7	2.5	.2								7.0	6.4
NNE		.8	1.3	.2								2.2	7.4
NE	.2	1.3	1.3	.2								2.9	7.1
ENE	.3	.5	1.0	.2								1.9	6.9
E	.5	2.5	2.9									5.9	6.6
ESE	.6	1.0	1.6	.6								4.0	7.4
SE	.8	1.0	.8									2.5	5.0
SSE	.3	1.6	1.1									3.0	6.5
S	1.1	3.0	2.4	.3								6.6	6.3
SSW	.5	1.0	1.7	.3								3.5	7.0
SW	.6	.6	2.7	1.7	.5							6.2	9.7
WSW	.5	.8	4.0	1.7	.2							7.2	9.0
W	.3	4.0	9.7	4.3	.6							18.9	9.1
WNW	.5	2.2	4.0	2.4								9.1	8.6
NW	.6	.8	1.0	.2								2.5	6.3
NNW	.3	1.0	.8									2.1	5.6
VARBL	1.1	1.1	2.5									4.8	6.4
CALM												9.5	
	9.1	26.7	41.2	12.2	1.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 629

1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

36172 STATION    ANSBACH AAF GERMANY/KATTERBACH STATION NAME    46,6672 YEARS    JUL 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	3.1	1.6	.2								5.8	5.7
NNE	.2	1.3	1.2	.3								3.0	7.1
NE		1.5	1.2									2.6	6.9
ENE			1.3	.2								1.5	8.7
E	.3	1.5	2.3	.7								4.8	7.4
ESE	.2	.7	1.2	.3								2.3	8.1
SE		.8	1.3	.2								2.9	7.9
SSE	.3	1.2	.8	.3								2.8	6.5
S	1.0	2.1	1.8	.5								5.4	6.5
SSW		.8	1.5	.5	.2							3.0	9.1
SW	.3	.2	1.8	1.2	.3	.3						4.3	11.3
WSW	.3	2.6	3.0	2.1								8.2	8.5
W	.7	4.8	11.0	4.9	2.3	.3						24.0	9.8
WNW		1.8	4.1	2.3	.3							8.6	9.7
NW	.7	2.0	2.8	1.2		.2						6.7	8.0
NNW	.2	1.0	.3									1.5	6.4
VARBL	1.0	1.3	3.8	.3								6.4	7.1
CALM												6.9	
	6.4	26.6	41.0	13.1	3.1	.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 608

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66,72 MONTH JUL  
 CLASS ALL WEATHER HOURS (LST) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	3.6	3.2	.7								8.3	6.6
NNE	.8	.8	1.5	.3								2.7	7.9
NE	.3	1.2	1.4	.2								3.0	6.5
ENE	.3	.2	.8	.2								1.5	7.3
E		1.2	1.7	.8								3.7	8.2
ESE	.3		.8	.2								1.4	8.0
SE	.3	.5	1.5									2.4	6.4
SSE		.7	.5	.5								1.7	8.6
S	.5	2.4	1.9	.8								5.6	7.1
SSW	.3	1.9	.8	.2								3.2	6.2
SW	.7	.7	1.4	.7	.2	.3						3.9	9.6
WSW	.8	1.9	2.2	2.2	.7	.3						8.1	9.8
W	.7	4.7	10.8	5.4	.8	.2						22.7	9.4
WNW	.3	1.4	6.1	2.5	.3							10.7	9.6
NW	.2	2.5	2.9	.8								6.4	7.7
NNW	.2	1.9	1.9	.3								4.2	7.4
VARB.		1.4	2.0									3.4	7.2
CALM												7.1	
	5.9	26.7	41.5	15.9	2.0	.8						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 591

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66w70,72 JUL  
STATION STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) D.I.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	7.3	5.2	.3								16.4	5.7
NNE	.3	1.7	1.0									3.1	6.1
NE	2.1	2.8	.7									5.6	4.8
ENE		.3	.2	.3								1.0	8.3
E		.3	1.4	.3								2.3	8.3
ESE			.2	.7								1.0	10.3
SE	.3	1.0	1.0									2.4	6.3
SSE		1.0										1.0	5.7
S	1.0	2.4	1.0	.3								4.9	5.8
SSW	.3	1.4	.3	.3								2.4	6.6
SW	.3	1.0	2.4	.7								4.3	8.1
WSW	.3	.7	2.4	1.4	.7							5.6	10.3
W	1.4	6.6	10.1	3.5								21.7	7.9
WNW		4.2	3.8	1.4								9.4	7.4
NW	1.4	5.9	1.7									9.1	5.3
NNW	.3	1.4	1.4	.7								3.8	7.7
VARBL													
CALM												5.6	
	11.5	38.5	33.6	10.1	.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 286

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

# SURFACE WINDS

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

STATION: 34172 STATION NAME: ANSBACH AAF GERMANY/KATTERBACH YEARS: 46,72 MONTH: JUL  
 CLASS: ALL WEATHER HOURS (LST): 2100-2300  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	9.4	8.3									22.9	5.7
NNE	1.0	2.1	1.0									4.2	4.8
NE	4.2	3.1										7.3	3.7
ENE													
E	3.1	3.1	1.0									7.3	4.3
ESE		1.0										1.0	3.0
SE	1.0	5.2	4.2									10.4	6.5
SSE	1.0											1.0	3.0
S		2.1										2.1	3.0
SSW	1.0	2.1										3.1	3.7
SW	3.2	3.1										8.3	3.5
WSW	1.0		1.0									2.1	3.0
W	3.2	4.2	3.1	3.1								13.6	7.0
WNW		1.0										1.0	3.0
NW	4.2	2.1	1.0	1.0								8.3	3.5
NNW			2.1									2.1	3.5
VARBL					1.0							1.0	17.0
CALM												2.1	
	32.2	38.5	21.9	4.2	1.0							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 96

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

# SURFACE WINDS

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

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH YEARS 46 MONTH AUG  
STATION NAME CLAS NOBS (LBY)  
ALL WEATHER  
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1											1.1	2.0
NNE													
NE	1.1	3.2										4.3	4.5
ENE	1.1											1.1	3.0
E		2.2										2.2	5.0
ESE													
SE	1.1	3.2	2.2									6.5	5.5
SSE	1.1		6.5									7.5	7.6
S	6.5	5.4	4.3									16.1	4.7
SSW		3.2										3.2	4.7
SW	7.5	6.5	2.2									16.1	4.3
WSW		1.1										1.1	4.0
W	9.7	10.8	9.7									30.1	5.6
WNW	1.1	1.1										2.2	3.5
NW	1.1	1.1	1.1									3.2	5.0
NNW													
VARBL													
CALM												5.4	
	31.2	37.6	25.8									100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH TIME 46.71 MONTH AUG  
 CLASS ALL WEATHER HOURS (L S T.) 0300-0500  
 CLAS CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		3.9	2.3									6.2	3.9
ENE													
E	.8	.8										1.6	4.5
ESE	1.6	.8										2.3	3.7
SE	2.3	3.1	.8									6.2	4.6
SSE	.8	1.6										2.3	3.7
S	1.6	4.7	2.3	.8								9.3	6.3
SSW	1.6	1.6										3.1	3.8
SW	7.0	12.4	6.2									25.6	5.2
WSW	.8	.8	.8	.8								3.1	6.8
W	3.1	10.1	12.4	1.6								27.1	6.7
WNW		1.6										1.6	5.0
NW	1.6	1.6	.8									3.9	4.4
NNW													
VARBL	.8											.8	3.0
CALM												7.0	
	21.7	42.6	25.6	3.1								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 129



DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6672 AUG  
STATION STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	1.1									2.9	3.6
NNE	.6	2.0	1.8									4.4	6.0
NE	.9	2.1	.8	.2								3.9	5.3
ENE	.8	1.1	1.1									2.9	3.7
E	.8	1.4	1.1									3.2	3.6
ESE	.5	.6	.8									1.8	3.9
SE	.9	1.7	.8									3.3	4.9
SSE	.2	.8	.9									2.0	6.0
S	2.1	4.1	2.6	.2								8.9	5.5
SSW	.8	3.2	1.1	.3								5.3	5.7
SW	.8	4.1	2.4									7.2	6.0
WSW	.5	3.0	2.6	.9	.2							8.1	7.3
W	2.9	6.0	6.6	2.7	.2							18.4	7.3
WNW	1.1	1.1	1.8	.5	.2							4.3	7.2
NW	.2	1.1	1.1									2.3	6.4
NNW	.5	.9	.5	.2								1.7	6.3
VARBL	.9	.5		.2								1.8	4.0
CALM												16.9	
	14.8	35.2	27.7	2.0	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 664

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 04172 LOCATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 66-72 MONTH AUG  
 CLASS ALL WEATHER HOURS (LST) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.8									2.6	3.5
NNE	.5	1.7	1.4	.5								3.9	6.9
NE	.3	2.6	2.3									3.2	6.7
ENE	.3	1.2	1.8	.5								3.8	7.0
E	.3	2.4	1.8	.6								3.6	6.8
ESE	.3	.5	.3	.3								1.4	7.7
SE	.6	1.4	1.4	.2								3.3	6.3
SSE	.5	2.0	.9	.3								3.6	5.8
S	1.4	3.3	1.8	.6	.3							7.6	6.8
SSW	.2	1.1	2.0	.3								3.3	7.9
SW	.6	1.7	1.8	.8								4.9	7.2
WSW	.9	2.0	3.6	2.7	.3							10.6	9.2
W	1.4	4.7	11.2	4.7	.6							22.6	8.9
WNW	.6	1.8	1.4	1.5	.2							3.2	8.3
NW	.3	.8	2.0		.2							3.3	7.6
NNW	.3	.8	.9	.2								2.1	6.5
VARBL	.2		1.1	.3	.2							2.1	10.9
CALM												8.2	
	9.7	29.1	37.3	13.8	1.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 659

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,6672  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.7									5.1	5.8
NNE	.3	.8	2.9									4.0	7.0
NE	.2	2.2	1.0									3.3	5.9
ENE	.5	1.4	1.6	.3								3.8	6.8
E	.5	2.7	2.5	.8								6.3	7.2
ESE		1.2	1.4	.5								3.2	7.8
SE	.3	1.2	1.2									2.9	6.2
SSE		.3	.6	.2	.2							1.3	8.9
S	.8	1.6	2.2	1.0								6.3	7.8
SSW	.3	1.0	.6	.5								2.6	7.1
SW	1.2	1.2	2.2	.8								6.7	7.2
WSW	.2	1.1	2.8	3.0	.3	.2						8.7	11.2
W	1.1	3.2	10.2	6.2	1.0	.2						22.9	9.7
WNW	.2	2.2	2.0	1.2	.2							6.8	8.2
NW	.3	1.4	1.9	.8	.2							4.8	8.1
NNW		1.2	1.1	.3								2.7	7.2
VARBL		.6	1.7	.6	.2	.2						3.2	9.9
CALM												5.1	
	7.0	26.4	42.2	16.5	1.9	.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

629

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

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 66-72 MONTH AUG  
 CLASS ALL WEATHER HOURS (L. T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	2.4									7.2	5.8
NNE	.3	1.5	2.4									4.2	6.6
NE		1.2	2.5	.2								4.0	7.4
ENE	1.2	.8	1.9	.8								4.9	7.0
E	.3	1.5	2.0	.3								4.2	7.1
ESE	.7	.3	.8	.2								2.0	6.4
SE	.7	.8	.7	.2								2.5	6.8
SSE	.5	1.0	.8	.5								2.9	7.4
S	1.2	1.2	2.2	.7								5.7	7.0
SSW	.2	.8	2.4	.2								3.5	7.7
SW	.5	1.7	2.7	1.2								6.1	7.8
WSW	.7	1.2	2.4	2.0	.2							6.6	9.0
W	.8	4.2	11.1	7.9	.7							24.7	9.5
WNW	.2	2.4	3.0	.8	.2							6.6	7.9
NW	.3	1.7	1.5	.7		.2						4.4	8.0
NNW	.2	1.0	2.2	.8								4.4	8.0
VARBL	.2		1.0	.7	.2	.2						2.2	11.2
CALM												3.9	
	9.8	25.2	42.2	17.2	1.2	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 394

DATA PROCESSING BRANCH  
ETAC/USAF  
AFR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,66-70,72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.4	2.8	.3								9.4	3.6
NNE	.6	2.2	1.6									4.4	3.7
NE	2.5	3.0	1.6									7.8	3.1
ENE	1.3	.6	.6									2.5	4.8
E	.6	1.6	.3	1.3								3.8	7.6
ESE	.6	.6	.6	.3								2.2	5.7
SE		.9	.6									1.6	6.0
SSE	.9	1.3	.9									3.1	4.8
S	1.6	3.1	.6	.3								5.6	3.4
SSW	1.3	1.6	.6	.6								4.1	6.1
SW	.3	3.8	2.2	.3								6.6	6.0
WSW	.9	1.9	1.6	1.6								6.0	7.7
W	1.6	5.2	7.5	4.7	.9							20.1	8.7
WNW	.9	1.6	.9	1.6								5.0	8.2
NW	1.6	3.1	1.6	.3								6.6	3.5
NNW	.3	2.2	1.3	.3	.3							4.4	7.8
VARBL													
CALM												6.9	
	17.9	37.0	25.4	11.6	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

319

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEAR 46,72 MONTH AUG  
 CLASS ALL WEATHER HOURS (LST) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.7										3.8	4.0
NNE	1.0											1.0	3.0
NE	2.9	3.8	1.0									7.6	4.3
ENE		1.9										1.9	4.3
E	2.9	1.0	1.0									4.8	4.0
ESE	1.0											1.0	3.0
SE	1.9	4.8	2.9									9.5	5.5
SSE			1.9									1.9	7.5
S		4.8										4.8	4.2
SSW	1.0			1.0								1.9	8.5
SW	2.9	3.8	1.9	1.0								9.5	5.5
WSW		1.0										1.0	4.0
W	9.5	13.2	2.9	1.0		1.0						27.6	5.5
WNW	1.9	1.0	1.9									4.8	6.0
NW	2.9	1.0	1.0									4.8	4.4
NNW		1.0	1.0									1.9	5.5
VARBL													
CALM												12.4	
	28.6	40.0	15.2	2.9		1.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 105

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46 MONTH SEP  
 CLASS ALL WEATHER HOURS (L. S. T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2											2.2	3.0
NNE													
NE													
ENE													
E	1.1											1.1	1.0
ESE													
SE	5.6	6.7										12.2	3.9
SSE													
S	5.6	12.2	3.3	1.1	1.1							23.3	3.9
SSW		1.1										1.1	4.0
SW	7.8	6.7	7.8	3.3	2.2							27.8	7.6
WSW	3.3	1.1										4.4	3.5
W	2.2	10.0	8.9		1.1			1.1				23.3	7.9
WNW													
NW													
NNW													
VARBL													
CALM												4.4	
	27.8	37.8	20.0	4.4	4.4			1.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,71 MONTH SEP  
 CLASS ALL WEATHER HOURS (L & T) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4										4.0	3.8
NNE		.8	.8									1.6	6.5
NE		1.6										1.6	6.0
ENE													
E													
ESE	.8											.8	3.0
SE	6.4	4.0										10.4	3.4
SSE		1.6	.8									2.4	6.0
S	5.6	6.4	.8									12.8	6.3
SSW	.8	1.6										2.4	4.0
SW	8.8	8.0	5.6	2.4	3.2							28.0	7.2
WSW	2.4	2.4	1.6									6.4	4.6
W	4.8	3.2	4.8	2.4				.8				16.0	8.3
WNW	1.6	1.6										3.2	3.8
NW			1.6									1.6	9.5
NNW		.8										.8	3.0
VARBL	2.4											2.4	2.0
CALM												5.6	
	35.2	34.4	16.0	4.8	3.2			.8				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 125



DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172 STATION      ANSBACH AAF GERMANY/KATTERBACH STATION NAME      46,6672 YEARS      SEP MONTH  
0600-0800 HOURS (L.S.T.)  
ALL WEATHER CLASS  
\_\_\_\_\_  
CONDITION  
\_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.4	.5	.2								2.7	5.5
NNE	.1	4.0	2.7									7.8	6.0
NE	1.0	1.4	1.0									3.4	5.0
ENE	.3	1.1	1.1									2.6	6.4
E	.8	2.1	.8									3.7	5.3
ESE	1.0	1.6	.3									2.9	4.6
SE	2.1	1.8	1.0	.2								5.0	4.9
SSE	1.3	2.6	.8									4.6	4.9
S	3.0	4.0	2.2	.3								9.6	5.5
SSW	.8	3.2	1.0									5.0	5.1
SW	1.6	3.0	2.7	.8	.2							8.3	6.7
WSW	1.0	2.4	2.6	1.0	.2							7.0	7.5
W	1.1	4.6	5.4	2.4	.5	.3		.5				14.9	9.5
WNW		.5	.5									1.0	6.7
NW		1.0	.3									1.3	6.1
NNW	.6	1.0										1.6	4.3
VARBL	1.6	1.4		.5								3.5	4.7
CAIM												15.3	
	17.9	37.1	22.8	5.3	.8	.3		.5				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 626

DATA PROCESSING BRANCH  
 HTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-72 MONTH SEP  
 CLASS ALL WEATHER HOURS (L S T) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.9									2.2	6.1
NNE	.0	1.9	2.3	.2								5.2	6.3
NE	1.3	1.4	1.7	.5								4.9	6.6
ENE	.2	2.2	.6	.3								3.3	6.4
E	.8	1.7	.6	.6								3.8	6.4
ESE	.2	2.7	1.6	.2								4.6	6.4
SE	1.3	2.4	2.2	.3								6.2	6.3
SSE	.9	2.1	1.7	.2								4.9	6.2
S	.8	3.8	2.4	.5								7.4	6.4
SSW	.2	2.3	1.4	.3								4.4	6.5
SW	.9	3.3	1.6	1.4	.2							7.4	7.3
WSW	.6	1.9	1.7	2.8	.5	.2						7.8	9.6
W	.9	4.2	7.8	4.2	.8	.6		.2				18.8	10.0
WNW		1.2	1.1	.2								2.5	7.0
NW		.6	.3	.2								1.1	6.7
NNW	.3	.6	.6	.2								1.7	6.3
VARBL	1.1	1.9	.8	.2								4.1	5.7
CALM												9.5	
	10.2	35.8	29.7	12.2	1.4	.8		.2				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 632

DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 SEP  
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400  
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	1.0	.3								3.0	6.4
NNE	.5	3.3	2.3	.3								6.6	6.6
NE		1.7	1.3	.3								3.3	7.1
ENE	.2	.7	1.8	.3								3.0	8.2
E	.2	2.3	2.3	.3								5.6	7.3
ESE	.2	.3	.3	.3								2.0	7.8
SE	.8	2.0	1.7	.2								4.6	6.2
SSE	.8	1.0	2.0									3.8	6.7
S	1.2	2.0	4.3	.3								7.9	7.1
SSW	.2	1.2	1.7	.3								3.3	7.9
SW	.8	.7	3.0	1.3	.3							6.3	9.3
WSW		1.3	3.0	3.0	.3	.2						7.9	10.3
W	.3	4.8	6.4	6.9	1.3	1.2						21.3	10.7
WNW	.7	1.0	2.8	.3	.2							3.1	7.6
NW	.3	1.2	1.0	.7								3.1	7.4
NNW	.2	.7	1.2	.3								2.3	7.4
VARBL	.7	1.7	.8	.2								3.3	5.8
CAIM												7.3	
	7.3	27.6	37.3	15.3	2.3	1.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 605

DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERRACH  
STATION NAME

46,6672  
YEARS

SEP  
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	.7	3.8	2.0									6.3	6.0
NNE	.3	2.7	3.4									6.3	6.9
NE	.5	2.6	2.4	.3								3.8	6.2
ENE	.2	.9	2.0									3.1	7.0
E	.2	1.9	2.2	.9								3.1	7.9
ESE	.2	.7	.9									1.7	9.3
SE	1.2	1.5	1.7	.3								4.8	6.1
SSE		2.0	1.2	.5								3.8	6.9
S	.5	3.1	2.7	.2								6.9	6.8
SSW	.5	1.0	1.3	.2								3.2	6.6
SW	.9	.7	1.5	1.9								4.9	8.7
WSW	.5	1.7	4.1	2.2	.2							8.9	9.2
W	.2	3.9	5.9	6.3	1.0	.2	.2					20.9	10.3
WNW		1.9	3.4	.3								3.6	7.7
NW	.4	.7	1.2	.7								3.4	6.7
NNW	.2	1.7	.9									2.9	6.0
VARBL	.7	.7	.2									1.5	4.2
CALM												3.3	
	7.7	31.4	40.3	13.8	1.2	.2	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 586

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172      ANSBACH AAF GERMANY/KATTERBACH      46,66-70,72      SEP  
STATION      STATION NAME      YEARS      MONTH

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

\_\_\_\_\_  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	4.0	.7									5.1	4.7
NNE	.7	5.4	2.2	.4								8.7	6.3
NE	.7	1.8	.4									2.9	4.8
ENE	.4	1.8	.4									2.5	5.1
E	1.8	.7	1.8									4.3	5.6
ESE	.4											.4	3.0
SE	3.0	3.0	.7									7.9	4.2
SSE	1.4	2.5	1.4									5.1	5.5
S	1.8	3.0	4.7	1.4	.4							11.9	7.4
SSW	.4	.4		.4								1.1	6.7
SW	.7	2.9	2.7									5.8	5.9
WSW	.4	2.2	2.9	1.8	.4							7.6	8.8
W	2.5	6.9	6.5	3.2	.4							19.5	7.9
WNW	.7	1.1	1.4									3.2	6.0
NW	1.4	.4	.4	.4								2.5	4.7
NNW	.4	1.4	.7									2.3	5.3
VARBL	.4											.4	3.0
CALM												7.6	
	18.8	38.6	28.4	7.6	1.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 277

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

**SURFACE WINDS**

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

34172  
 STATION

ANSBACH AAF GERMANY/KATTERBACH  
 STATION NAME

46272  
 CLASS

SEP  
 MONTH

ALL WEATHER  
 CLASS

2100-2300  
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE		1.0	2.0									3.0	7.3
NE		1.0										1.0	6.0
ENE													
E	2.0											2.0	2.0
ESE													
SE	7.0	3.0	3.0	1.0								14.0	4.7
SSE													
S	4.0	13.0	7.0	4.0								28.0	6.6
SSW	1.0	1.0										2.0	4.5
SW	2.0	8.0	7.0	1.0								18.0	6.5
WSW	1.0		1.0									2.0	5.5
W	5.0	8.0	5.0	1.0			1.0					20.0	7.0
WNW													
NW	2.0	2.0	1.0	1.0								6.0	5.3
NNW													
VARBL													
CALM												4.0	
	24.0	37.0	26.0	8.0			1.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

100

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46 MONTH ECT  
 ALL WEATHER CLASB 0000-0200 HOURS (LST)  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	1.1										5.5	3.4
NNE	1.1		1.1									2.2	5.0
NE	5.5	3.3	7.7									16.5	5.8
NNE		1.1	1.1									2.2	6.0
E	3.3	7.7	5.5									16.5	5.6
ESE	1.1	1.1	1.1									3.3	6.0
SE	7.7	1.1	3.3									12.1	4.7
SSE			3.3									3.3	8.7
S	1.1											1.1	2.0
SSW													
SW	2.2		1.1	1.1								4.4	7.0
WSW			1.1									1.1	9.0
W	3.3	4.4	11.0	1.1	1.1							20.9	7.5
WNW			1.1									1.1	9.0
NW	2.2	1.1	2.2	1.1								6.6	6.8
NNW													
JARBL													
CALM												3.3	
	11.9	20.9	39.6	3.3	1.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 91

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

**SURFACE WINDS**

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

34172 STATION ANSBACH AAF GERMANY/KATTERBACH STATION NAME 4671 YEARS 3CT MONTH  
ALL WEATHER CLASS 0200-0200 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	2.3	.8	1.6									4.7	4.5
NNE	.8	1.6	.8									3.1	5.0
NE	2.3	5.5	5.5	.8								14.1	6.2
ENE		2.3	1.6									3.9	7.2
E	2.3	3.9	3.1	.8								10.2	6.3
ESE	.8	1.6	.8									3.1	4.8
SE	3.9	4.7	.8									10.9	4.2
SSE	.8	2.3	.8									3.9	5.8
S	2.3	1.6										3.9	3.2
SSW		1.6										1.6	5.0
SW		1.6	.8	.8								3.1	7.8
WSW		1.6	3.1	2.3								7.0	9.8
W	3.9	5.5	7.0	4.7								21.1	7.9
WNW	.8											.8	3.0
NW	.8	1.6	2.3									4.7	6.0
NNW													
VARBL													
CALM												3.9	
	22.7	35.9	28.1	9.4								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 126



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

466572  
YEARS

UGT  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.1		.1								1.5	4.0
NNE	.3	1.5	1.6									3.4	6.5
NE	.6	2.0	2.0									4.7	6.1
ENE	.3	1.5	1.9									3.1	5.9
E	2.5	3.6	2.8	.6								9.3	5.7
ESE	.4	1.3	1.0	.1								2.9	6.0
SE	1.3	2.6	1.2	.3								3.4	5.5
SSE	.7	1.5	1.9									4.1	6.0
S	1.9	5.0	3.2	.7								10.8	5.9
SSW	.9	2.3	2.6	.6								6.4	6.7
SW	.7	2.3	1.9	1.0	.4							6.4	7.9
WSW	.7	3.1	2.9	1.6	.9							9.2	9.0
W	.9	4.3	5.5	3.4	1.3	.3						15.9	9.3
WNW	.1	.7	.7	.3	.1							2.0	9.0
NW	.3	.6	1.2		.1							2.2	7.5
NNW	.3	.9	.4									1.6	5.4
VARBL	.4	.4			.3							1.0	5.7
CALM												10.1	
	13.6	34.0	30.3	8.7	3.1	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 686

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

## SURFACE WINDS

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

34172 STATION      ANSBACH AAF GERMANY/KATTERBACH STATION NAME      46,65-72 YEARS

CLASS ALL WEATHER MONTH OCT

CONDITION \_\_\_\_\_ HOURS (LST) 0900-1100

SPEED (KNTS) DIR.	1 - 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	.6	.1								1.7	5.9
NNE	.3	.8	.7	.6								2.3	7.4
NE	.6	.7	1.7									2.9	7.0
ENE		.8	1.4	.1								2.3	7.2
E	.7	2.0	2.6	1.7								7.6	7.9
ESE	1.2	2.3	1.8	.4								5.2	6.0
SE	1.0	3.3	2.2	.7								7.3	6.4
SSE	.8	2.9	1.5	.6								5.8	6.2
S	1.2	4.6	3.2	.8	.3							10.1	6.8
SSW	.6	1.8	1.5	1.1								5.0	7.6
SW	1.2	1.9	2.5	1.2	.1							7.0	7.5
WSW	.7	1.5	3.3	3.3	1.1	.1						10.2	10.6
W		1.9	5.5	5.5	1.5	.1						14.6	11.2
WNW		1.0	1.2	.6								2.8	8.3
NW	.1	1.0	.1	.4								1.7	6.4
NNW	.4	1.2	.7	.3		.1						2.8	7.0
VARBL	.6	.7	.3	.6								2.1	7.3
CALM												7.6	
	9.9	30.5	30.8	18.1	3.0	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 724

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46,6572 YEARS GCT 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	.4	1.0	.8	.3								2.5	6.3
NNE	.1	1.4	1.5	.6								3.7	7.7
NE	.7	1.1	2.3	.6								4.6	7.0
ENE	.3	1.0	2.0	.6								3.8	7.6
E	1.1	3.0	3.1	1.5	.1							8.9	7.7
ESE	.1	1.7	1.4									3.2	6.7
SE	1.5	2.3	2.4	.6	.1							6.9	6.5
SSE	.6	3.1	2.3	.6								6.5	6.8
S	1.7	2.5	1.4	.3	.1							6.1	5.8
SSW	.3	1.1	1.5	.3	.4							3.7	8.2
SW	.1	.7	2.1	.7	.1							3.8	8.9
WSW	.3	1.8	3.5	4.2	1.4	.4	.3					12.0	12.2
W	.3	2.1	5.8	7.2	1.8	.1						17.3	11.5
WNW		1.0	1.3	.8	.3							3.4	9.5
NW	.1	.8	1.0	.6		.3						2.8	9.5
NNW	.4	.4	.4	.1								1.0	6.1
VARBL	.7	.4	2.1	.4	.1							3.8	8.0
CALM												6.1	
	8.9	25.1	34.9	19.3	4.6	.8	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 710

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

**SURFACE WINDS**

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

34172 STATION      ANSBACH AAF GERMANY/KATTERBACH STATION NAME      46,65,72 YEARS      GCT MONTH  
 \_\_\_\_\_  
 \_\_\_\_\_ CLASS ALL WEATHER \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ CONDITION \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ HOURS (LST) 1500-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	.9	.2								3.6	5.9
NNE	.5	3.8	1.5	.8								6.5	6.4
NE	.6	3.5	2.3	.5								6.8	6.4
ENE	.2	2.3	1.8	.2								4.4	7.0
E	.9	5.0	3.8	1.4								11.0	7.0
ESE	.5	1.5	1.1	.5								3.5	6.4
SE	.8	2.0	1.4									4.1	5.7
SSE	.5	3.0	2.0									5.4	6.0
S	1.2	2.9	2.7	.3								7.1	6.3
SSW	.5	.3	.5	.2								1.4	5.7
SW	.3	.8	1.4	.9								2.3	8.1
WSW	.3	.8	2.9	5.1	1.1	.8						10.8	12.7
W	.6	2.7	7.7	6.2	.6		.2					17.9	9.9
WNW	.3	.6	2.3		.5							3.6	3.9
NW	.5	.5	1.2	.5	.3							3.0	8.9
NNW	.5	.6	.3									1.4	5.2
VARBL	.2	.2	.2	.8								1.2	10.5
CALM												5.3	
	8.9	31.7	33.5	17.3	2.4	.8	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 665

DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-70,72 MONTH CT  
 ALL WEATHER  
 CLAS  
 CONDITION

1800-2000  
 HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.5	1.6									7.3	5.0
NNE		3.5	3.2	.6								7.3	7.3
NE	1.3	5.7	3.5	.3								10.8	6.0
ENE	.9	1.3	2.8									5.1	6.6
E	.6	3.2	6.3	.9								11.1	7.8
ESE		1.6	2.2	.6								4.4	7.7
SE	.3	3.8	2.2									6.3	6.0
SSE	.9	3.2	.9									5.1	5.1
S	.6	2.2	1.9									4.7	6.3
SSW	.9	.6	.6	.3								2.5	5.9
SW			.3	.6								.9	11.0
WSW	.3	1.6	1.6	2.2	.6							6.3	10.1
W	1.3	4.1	8.5	2.5	.6	.3						17.4	8.9
WNW	.6	.3	1.3									2.2	6.9
NW	.6	1.3	.3	.6								2.8	7.1
NNW	.3	.3										.6	3.5
VARBL													
CALM												5.1	
	11.1	36.1	37.3	8.9	1.3	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 316

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172 ANSBACH AAF GERMANY/KATTERBACH 46.72 GCT  
STATION STATION NAME YEARS MONTHS

ALL WEATHER 2100-2300  
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.9	2.9	2.9									9.7	5.0
NNE	1.0	1.9		1.0								3.9	6.0
NE	2.9	6.8	2.9	1.0								13.6	6.0
ENE													
E	1.0	4.9	8.7	1.9								16.5	7.8
ESE		4.9	1.9									6.8	6.7
SE	1.9	8.7	2.9									13.6	5.6
SSE	1.0	1.0										1.9	4.0
S			1.0									1.0	10.0
SSW													
SW		1.0										1.0	4.0
WSW			1.0									1.0	7.0
W	3.9	2.9	7.8	4.9								19.4	7.7
WNW			1.0									1.0	9.0
NW	1.9	2.9	1.9									6.8	5.6
NNW													
VARBL													
CALM												3.9	
	17.5	37.9	32.0	8.7								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 103

1  
 DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2										3.3	4.7
NNE													
NE	4.4	2.2	4.4									11.1	5.6
ENE													
E	3.3	3.3	2.2									8.9	4.9
ESE	1.1											1.1	3.2
SE	2.2	12.2	4.4									18.9	5.4
SSE	1.1		1.1									2.2	6.0
S	1.1	11.1	4.4									16.7	6.1
SSW													
SW	1.1	5.6	7.8									14.4	6.5
WSW			1.1	1.1								2.2	11.5
W	3.3	3.3	2.2	4.4								13.3	8.1
WNW	1.1											1.1	3.0
NW	1.1											1.1	3.0
NNW													
VARBL													
CALM												5.6	
	21.1	40.0	27.8	5.6								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

90

1

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERRACH YEARS 46, 71 NOV  
NORTH

ALL WEATHER 0200-0500  
CLASS HOURS (LST)

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6			1.6								3.2	7.5
NNE	.8		.8	1.6								3.2	10.3
NE	1.6	4.8	2.4									8.7	5.8
ENE	.8											.8	3.0
E	1.6	1.6	.8									4.0	4.4
ESE													
SE	1.6	9.5	1.6	.8								13.5	5.7
SSE	1.6	1.6										3.2	3.8
S	4.0	4.8	8.7	.8								18.3	6.4
SSW		.8	.8									1.6	7.0
SW	1.6	7.9	3.2	1.6								14.3	6.3
WSW		1.6	5.6	.8								7.9	8.3
W	2.4	3.2	2.4	3.2	.8							11.9	8.3
WNW	.8				.8							1.6	10.0
NW		1.6										1.6	4.5
NNW		1.6										1.6	6.0
VARBL													
CALM												4.8	
	18.3	38.9	26.2	10.3	1.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 126



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,65-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (LST) 0630-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.5	.5	.2								2.3	6.2
NNE	.3	.3	1.0	.6								2.7	8.5
NE	.5	1.1	.6	.3								2.6	6.3
ENE		.0	1.3	.5	.2							2.9	8.4
E	.5	2.3	1.4	.8								5.0	6.8
ESE	.5	.6	1.3	.2								2.6	6.6
SE	1.4	2.4	1.9	.3								6.4	5.7
SSE	.2	2.9	2.6	.5								6.1	6.9
S	2.3	5.3	7.1	2.4								17.2	7.1
SSW	1.0	3.1	2.6	1.6								8.2	7.4
SW	.5	2.9	2.9	1.3	.6							8.5	8.2
WSW	.6	1.6	2.3	3.2	1.4	.3						9.5	11.7
W	.3	3.4	5.6	1.9	1.4	.3						13.2	10.0
WNW	.2	1.1	.3	.2								2.4	6.5
NW	.2	.3	.2	.2								.8	6.8
NNW	.2	.3	.3	.3								1.3	7.1
VARBL				.2								.2	15.0
CALM												8.2	
	9.6	30.4	33.0	14.3	3.7	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 622

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

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,65-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (LST) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.6	.1								2.7	5.2
NNE	.6	1.5	.7	.4								3.3	6.8
NE	.7	1.9	.7	.3								3.7	5.7
ENE	.3	.7	.7									1.8	6.4
E	.3	1.5	2.4	1.0								5.2	8.2
ESE	1.0	1.5	2.4									4.4	6.0
SE	1.8	2.5	2.2	.9								7.4	6.4
SSE	.4	1.8	3.0	.6								5.8	7.4
S	.7	4.9	7.0	1.9								14.6	7.7
SSW	.4	3.0	2.4	1.9	.4							8.2	8.8
SW	.4	2.5	3.0	1.5	.3	.1						7.9	8.4
WSW	.1	1.5	3.1	3.1	1.9	.7	.1					10.1	12.6
W	.9	1.6	4.9	3.1	1.5	.9						13.1	11.1
WNW	.1	1.2	.7	.4								2.5	7.9
NW		.3		.1								.4	7.0
NNW		.4		.3								.7	8.8
VARBL	.6	.3	.3			.1		.1				1.5	9.1
CALM												6.1	
	9.8	28.1	34.2	15.9	3.6	1.9	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 672

DATA PROCESSING BRANCH  
 RTAC/USAF  
 AIR WEATHER SERVICE/VAC

### SURFACE WINDS

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,65-72 MONTH NOV  
 CLASS ALL WEATHER HOURS (LST) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.9	1.1	.2	.2							2.9	7.3
NNE	.3	2.0	.9	1.1								4.2	7.3
NE	1.2	1.4	.9	.3								3.8	5.7
ENE	.3	.3	.5	.5	.2							2.1	8.0
E	.3	2.0	1.7	.9	.2	.2						5.8	8.5
ESE	.2	1.8	.9	.3								3.2	6.8
SF	1.5	2.0	1.7	.9								6.7	6.3
SE	.5	1.7	1.7	.8	.3							4.8	8.1
S	1.1	5.0	5.2	1.2	.5	.2						13.6	7.7
SSW	.3	1.5	2.6	1.1	.2	.2						5.9	9.1
SW	.2	1.2	4.1	3.8	.3	.3	.2					10.0	10.8
WSW	.3	1.2	1.8	3.3	1.5	1.3	.3					10.0	14.1
W	.6	2.4	3.8	6.8	.9	.5	.3					15.3	11.3
WNW	.2	1.2	.6	.6	.2							2.7	8.7
NW	.3	.3	.5	.2		.2						1.4	8.9
NNW	.3	.0	.2	.3								1.4	7.1
VARBL	.9	.2										1.1	2.1
CALM												5.2	
	9.1	27.9	27.9	22.1	4.2	2.9	.8					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 660

1  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,05-72  
YEARS

NDV  
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	1.3	1.3	.8	.5	.2							4.1	6.1
NNE	.3	2.8	1.5	.6								5.2	6.8
NE	1.3	2.0	1.3									5.2	5.3
ENE	.6	1.5	1.0		.2							3.2	6.1
E	1.1	3.1	1.6	1.5	.2							7.5	7.5
ESE	.0	1.3	1.1	.5								3.7	6.5
SE	1.1	2.3	1.6									5.0	5.5
SSE	.3	2.3	1.5	.6								4.7	6.8
S	1.6	4.9	5.8	1.5	.5							14.3	7.6
SSW	.5	.0	1.8	1.7	.3	.3						4.5	10.1
SW	1.0	.5	2.4	2.6	.6	.3						7.5	10.8
WSW	.3	.0	1.9	3.1	1.9	.3						8.3	13.2
W	.8	3.7	6.0	4.5	1.1	.6						16.9	10.0
WNW		.6	1.1	.6		.2						2.6	9.6
NW	1.0	.3	.6									1.9	5.1
NNW		.5	.2									.6	6.3
VARBL	.3	.2										.5	3.3
CALM												4.2	
	12.5	29.1	30.4	17.0	5.0	1.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/ AC

### SURFACE WINDS

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

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72 YEARS NDV

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.1	.4	.8								2.6	7.7
NNE		3.0	1.1									4.1	6.5
NE	.8	3.0	.8									4.5	5.1
ENE		1.5	.4									1.9	5.4
E	1.5	1.5	1.1	.8	.4							5.3	7.4
ESE	.8	2.3	1.1									4.1	5.6
SE	1.1	4.5	4.1									9.8	6.2
SSE		.8	2.3	1.5								4.5	9.3
S	.8	8.3	7.1	1.9								18.0	7.1
SSW	1.5	1.5	1.9	1.5	.4	.4						7.1	9.8
SW	1.5	.8	3.4	1.9	.4							7.9	8.8
WSW	.8	1.7	3.0	1.5	.8							7.9	9.3
W	1.9	2.5	3.8	3.8	.8	.4						13.2	9.6
WNW	.4	.8		.4								1.5	6.5
NW	.4											.8	6.0
NNW		.4										.4	4.0
VARBL	.4	.4										.8	3.0
CALM												5.6	
	12.0	34.2	30.8	13.9	2.6	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 266

DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

36172 ANSBACH AAF GERMANY/KATFERBACH 4672 17Y  
STATION MONTH  
 ALL WEATHER 2100-300  
CLASS HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	.8	.8									3.4	4.5
NNE			.8									.8	9.0
NE		4.2	.8									5.1	5.0
NIE													
E		.8	2.5									3.4	6.8
ESE		.8	.8									1.7	5.5
SE	.8	5.1	4.2									10.2	6.7
SSE	.8	4.2	.8									5.9	5.1
S	.8	12.7	11.9	.8								26.2	7.0
SSW		1.7	3.4	1.7								6.8	9.1
SW	4.2	3.4	5.1	2.5	.8							16.1	7.3
WSW		1.7	.8									2.5	5.7
W	2.5	1.7	1.7	3.4	1.7							11.0	9.5
WNW	.8											.8	3.0
NW	.8	.8										1.7	3.5
NNW			.8	.8								1.7	11.0
VARBL													
CALM												2.5	
	12.7	39.2	34.7	9.3	2.5							100.4	6.9

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46 MONTH DEC  
 CLASS ALL WEATHER HOURS (L & T) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.6	0.0	1.1									13.8	4.1
NNE													
NE	1.1	0.9	6.9	2.3								17.2	7.3
ENE													
E	1.1	3.4	2.3									6.9	5.5
ESE													
SE	8.0	2.3	2.3									12.6	4.2
SSE		1.1										1.1	5.0
S	0.9	4.6	2.3	1.1								14.9	4.9
SSW		1.1	1.1									2.3	8.0
SW	5.7	2.3	4.6									12.6	5.5
WSW	1.1											1.1	3.0
W	2.3	2.3	3.4	2.3	1.1							11.5	8.4
WNW													
NW	1.1											1.1	2.0
NNW													
VARBL													
CALM												4.6	
	32.2	32.2	24.1	5.7	1.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 87

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

34172 STATION      ANSBACH AAF GERMANY/KATTERBACH STATION NAME      46,71 YEARS      DEC MONTH  
ALL WEATHER CLASS      2200-0500 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	3.4	6.7										10.1	3.7
NNE		.8	2.5									3.4	7.8
NE	1.7	5.9	4.2	1.7								13.4	6.9
ENE													
E	2.5	1.7	1.7									5.9	4.9
ESE													
SE	3.4	2.5	.8									6.7	3.8
SSE													
S	5.0	7.6	6.7									19.3	5.3
SSW		1.7										1.7	4.3
SW	3.4	.8	1.7	2.5	.8							9.2	8.3
WSW		1.7	4.2	1.7								7.6	9.2
W	.8	3.4	2.5	5.0	.8							12.6	10.3
WNW			.8									.8	7.0
NW		.8										.8	4.0
NNW													
VARBL		.8										.8	5.0
CALM												7.6	
	20.2	34.5	25.2	10.9	1.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 119



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

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

SURFACE WINDS

34172 STATION      ANSBACH AAF GERMANY/KATTERBACH STATION NAME      46,65-72 YEARS      DEC MONTH  
 CLASS ALL WEATHER      0600-0800 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.4	1.3									4.4	5.4
NNE	.7	2.2	2.2	.3								5.5	6.6
NE	1.0	1.8	2.2	.4								5.5	6.7
ENE	.3	.6	1.0									1.9	6.5
E	.3	1.0	2.4	.6	.4							5.3	8.5
ESE	.6	1.2	1.5									3.3	6.3
SE	.7	1.9	2.4	.3								5.3	6.8
SSE	.4	1.8	2.2	.6								5.0	7.3
S	2.4	3.7	7.1	1.3	.1							14.6	7.4
SSW	.9	1.9	1.8	.4	.1							5.2	6.7
SW	1.3	1.0	2.7	1.6	.3							7.0	8.6
WSW	.4	1.2	3.0	3.7	1.3	.4	.1					10.2	12.1
W	.4	3.2	6.2	4.7	.6	.7						17.9	9.8
WNW	.4	.9	1.2									2.5	6.1
NW	.3	.3	.4									1.0	5.3
NNW													
VARBL	.1	.3										.4	3.7
CALM												4.9	
	11.2	26.0	37.6	14.1	3.0	1.2	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 676

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

34172      ANSBACH AAF GERMANY/KATTERBACH      46,65-72      DEC  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      0900-1100  
CLASS      HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	.7	.3								3.3	5.8
NNE	1.0	1.6	1.3	.4								4.3	6.4
NE	1.0	1.5	2.2	.7	.4							5.9	7.8
ENE	.1	.7	1.3									2.2	7.5
E	.4	1.9	1.6	.6								4.5	7.3
ESE	.6	1.6	1.6	.1								3.9	6.3
SE	.7	1.6	2.0	.6								4.9	7.3
SSE	.1	2.3	1.9	.4								4.7	6.9
S	2.0	3.3	6.3	1.3	.1							13.1	7.1
SSW	.6	2.7	2.3	.7								6.3	6.6
SW	.9	1.7	2.7	2.3	.6	.3						8.5	9.6
WSW	.1	1.3	2.0	2.7	1.4	.7						8.3	12.7
W	1.3	2.7	5.5	6.2	1.9	.4	.1					18.1	10.7
WNW	.3	1.1	.7	.4								2.6	7.1
NW	.1	.1	.9									1.1	6.8
NNW	.1	.3										.4	4.0
VARBL	.9	.4	.1									1.4	3.8
CALM												4.5	
	11.4	28.3	33.0	16.8	4.5	1.4	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS      696

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,65-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.1	.5									3.3	4.7
NNE	.8	3.2	1.4									5.3	5.7
NE	.2	2.4	2.3	.5								5.3	7.1
ENE	.2	.5	.8	.2								1.5	7.4
E		1.8	2.1	.8								4.7	8.0
ESE	.2	.0	1.4	.5								2.7	8.1
SE	.6	1.1	2.9	.2								4.7	7.1
SSE	.6	2.3	2.4	.9								6.2	7.2
S	1.5	5.3	4.5	2.1								13.4	7.1
SSW		1.8	1.7	.6								4.1	7.8
SW	.2	2.1	2.9	2.0	.5	.3						7.8	9.5
WSW		1.4	3.2	3.9	1.7	.6						10.7	12.6
W	2.0	2.9	3.3	6.9	2.1	.5						19.6	10.6
WNW	.2	.5	.6	.3	.3							1.8	10.1
NW	.5	.5	.5									1.4	5.2
NNW	.2	.3	.2									.6	4.8
VARBL	.5	.0		.2		.2						1.4	7.1
CALM												5.7	
	8.0	29.2	32.2	18.8	4.5	1.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 664

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

**SURFACE WINDS**

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

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,65-72  
YEARS

DEC  
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	1.4	1.7	1.1									4.1	4.9
NNE	1.1	2.4	1.4	.2								5.0	5.9
NE	.9	1.2	1.2	.8								4.1	7.0
ENE	.2	1.2	1.4	.8								3.5	8.0
E	1.1	2.0	1.8	.3								5.2	6.1
ESE	.5	1.2	2.0	.2								3.8	6.8
SE	.6	1.4	2.6	.2								4.7	7.0
SSE	.8	1.1	2.6	.5								4.9	7.3
S	.9	3.3	5.5	2.1								12.0	8.0
SSW	.2	1.5	2.3	1.1								5.0	8.5
SW	.3	1.7	2.7	1.5	.8							7.0	9.4
WSW	.3	1.8	2.7	2.9	1.4	.5						9.6	11.4
W	1.7	2.9	6.2	4.9	2.6	.5						19.7	10.7
WNW		.6	.2	.3	.3							1.4	11.0
NW	.6	.6	.2	.2	.3							1.8	7.5
NNW	.2	.8	.3	.3	.2							1.7	7.9
VARBL	.3	.2		.3								.8	8.4
CALM												6.6	
	10.8	25.8	34.1	16.3	5.5	.9						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

656

DATA PROCESSING BRANCH  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION: 34172 STATION NAME: ANSBACH AAF GERMANY/KATTERBACH YEARS: 46, 65-66, 68-70, 72 MONTH: DEC  
 CLASS: ALL WEATHER HOURS (LST): 1800-2000  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	.7									3.9	5.0
NNE	.3	1.7	1.0									3.1	6.6
NE	.3	3.4	2.1	.3	.3							6.6	6.9
ENE	.3	.7	1.4	1.0	.3							3.8	9.0
E	.7	2.8	3.1									6.6	6.6
ESE	.3	1.4	1.0	.3								3.1	6.8
SE	2.4	1.4	2.4	.3								6.6	6.2
SSE	.7	1.7	2.1	.7	.3							5.3	7.9
S	2.8	3.5	3.4	4.1	.3							16.2	7.6
SSW	.7	2.1	1.7	1.4								5.9	7.9
SW		2.1	3.1	1.4	.3	.3						7.2	9.7
WSW	.3	1.0	1.7	2.4	1.7							7.2	12.1
W	2.4	1.7	3.9	2.3	1.4	.7						14.8	9.7
WNW	.3	.3	.3	.3								1.4	7.0
NW	.7	.7		.3		.3						2.1	8.7
NNW	.3	.3	.7									1.4	6.3
VARBL													
CALM												4.8	
	13.8	29.0	30.7	13.5	4.8	1.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 290

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

**SURFACE WINDS**

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

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 71-72 MONTH DEC  
 CLASS ALL WEATHER HOURS (L S T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	6.5	1.1									9.8	4.6
NNE													
NE	2.2	4.3	9.8	4.3								20.7	8.4
ENE			2.2									2.2	9.0
E													
ESE													
SE	3.3	3.3	3.3									9.8	5.3
SSE			1.1									1.1	9.0
S	9.8	6.7	3.3									21.7	4.3
SSW													
SW	2.2	3.3	3.3	1.1								9.8	6.4
WSW			1.1									1.1	10.0
W	1.1	3.3	7.6	2.2	1.1							15.2	8.2
WNW													
NW	1.1	1.1										2.2	3.0
NNW													
VARBL													
CALM												6.5	
	21.7	30.4	32.6	7.6	1.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 92

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

30172 ANSBACH AAF GERMANY/KATTERBACH 46-47, 65-72 ALL  
STATION STATION NAME YEARS MONTH

INSTRUMENT CLASS  
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION  
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE HOURS (L S T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	1.9	.8	.1							5.9	7.1
NNE	.6	1.7	2.0	.5	.0							4.8	7.1
NE	1.1	2.2	1.3	.3	.0							4.9	5.9
ENE	.4	.7	.9	.2								2.1	6.7
E	1.1	2.0	1.8	.5	.0							5.4	6.6
ESE	.3	1.2	1.0	.2								2.7	6.4
SE	1.0	1.9	1.7	.3	.0							5.0	6.2
SSE	.3	1.4	1.5	.3	.0							3.5	7.1
S	1.3	3.2	2.7	.6	.0	.0						7.9	6.5
SSW	.4	1.2	1.1	.4	.1	.0						3.2	7.4
SW	.6	1.4	1.9	1.2	.2	.0		.0				5.4	8.7
WSW	.5	1.5	2.9	2.9	1.3	.5	.1	.0				9.6	11.6
W	1.4	4.2	7.5	6.4	1.6	.8	.1	.0	.0			22.0	10.4
WNW	.3	1.2	1.9	.9	.2	.1	.0					4.5	9.0
NW	.4	.8	1.1	.5	.1	.0						3.0	8.1
NNW	.2	.3	.9	.2	.0							2.1	7.3
VARBL	.2	.1	.0	.1		.1						.5	7.5
CALM												7.3	
	11.3	27.5	32.3	16.1	3.9	1.4	.2	.1	.0			100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 8576

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	$\geq \frac{1}{8}$	$\geq 0$
NO CEILING																
$\geq 1800$																
$\geq 1500$					91.0											92.6
$\geq 1200$																
$\geq 1000$																
$\geq 900$																
$\geq 800$																
$\geq 700$																
$\geq 600$																
$\geq 500$										77.4						98.1
$\geq 400$																
$\geq 300$																
$\geq 200$																
$\geq 100$																
0					95.4		96.9			98.3						100.0

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

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

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  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  $> 1$  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 BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46-47,05-72

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	
NO CEILING																
≥ 10000	27.8	29.5	31.2	32.6	32.9	33.8	34.4	34.5	34.9	35.0	35.1	35.2	35.3	35.4	35.6	
IV 18000	31.9	33.8	35.9	37.3	37.7	38.7	39.4	39.5	40.0	40.1	40.2	40.3	40.4	40.5	40.6	
IV 16000	31.9	33.8	35.9	37.3	37.7	38.7	39.4	39.5	40.0	40.1	40.2	40.3	40.4	40.5	40.6	
IV 14000	32.0	33.9	36.0	37.5	37.9	38.8	39.5	39.6	40.1	40.2	40.3	40.4	40.5	40.6	40.9	
IV 12000	32.3	34.1	36.2	37.7	38.1	39.1	39.8	39.9	40.4	40.5	40.6	40.7	40.8	40.9	41.2	
IV 10000	33.1	35.0	37.2	38.7	39.1	40.1	40.8	40.9	41.4	41.5	41.6	41.7	41.8	41.9	42.2	
IV 9000	33.7	35.7	37.9	39.4	39.9	40.9	41.6	41.7	42.2	42.3	42.4	42.5	42.6	42.7	43.0	
IV 8000	35.5	38.5	40.9	42.5	43.0	44.1	44.9	45.0	45.5	45.6	45.7	45.8	46.0	46.1	46.4	
IV 7000	39.3	41.5	44.1	45.9	46.4	47.6	48.4	48.6	49.1	49.2	49.3	49.5	49.6	49.7	50.0	
IV 6000	41.8	44.3	47.1	49.0	49.5	50.8	51.7	51.8	52.5	52.6	52.7	52.8	52.9	53.0	53.4	
IV 5000	43.2	45.8	48.8	50.8	51.3	52.7	53.6	53.8	54.4	54.5	54.6	54.8	54.9	55.0	55.4	
IV 4500	43.6	46.2	49.3	51.3	51.9	53.2	54.2	54.3	55.0	55.1	55.2	55.4	55.5	55.6	55.9	
IV 4000	45.3	48.0	51.2	53.3	54.0	55.4	56.4	56.5	57.2	57.4	57.5	57.6	57.8	57.9	58.2	
IV 3500	46.9	49.8	53.1	55.3	56.0	57.5	58.5	58.6	59.3	59.5	59.6	59.7	59.9	60.0	60.3	
IV 3000	50.4	53.6	57.4	59.8	60.5	62.2	63.3	63.4	64.2	64.3	64.4	64.6	64.8	64.9	65.2	
IV 2500	53.3	56.7	60.8	63.3	64.1	65.9	67.0	67.1	67.9	68.1	68.2	68.4	68.6	68.7	69.0	
IV 2000	56.6	60.4	64.8	67.6	68.4	70.4	71.5	71.7	72.6	72.7	72.8	73.0	73.2	73.3	73.7	
IV 1800	56.9	60.8	65.3	68.0	68.8	70.8	72.0	72.2	73.0	73.2	73.3	73.5	73.7	73.8	74.1	
IV 1500	57.5	61.5	66.1	68.7	69.5	71.6	72.8	73.0	73.8	74.0	74.1	74.3	74.5	74.6	74.9	
IV 1200	60.5	65.0	70.1	73.3	74.2	76.6	78.0	78.2	79.3	79.5	79.6	79.9	80.0	80.1	80.5	
IV 1000	62.0	66.9	72.6	76.1	77.2	79.9	81.7	81.9	83.3	83.6	83.7	84.0	84.2	84.3	84.7	
IV 900	62.4	67.4	73.3	76.9	78.0	80.9	82.8	83.0	84.5	84.8	85.0	85.3	85.5	85.6	86.0	
IV 800	62.8	68.0	74.2	78.0	79.2	82.4	84.4	84.7	86.4	86.7	86.9	87.3	87.5	87.6	88.0	
IV 700	63.2	68.3	74.8	78.9	80.1	83.5	85.8	86.2	88.1	88.5	88.7	89.2	89.4	89.5	89.8	
IV 600	63.5	68.9	75.3	79.5	80.6	84.6	87.1	87.5	89.7	90.2	90.4	90.8	91.1	91.2	91.6	
IV 500	63.7	69.2	75.9	80.3	81.7	85.7	88.6	89.1	91.8	92.5	92.9	93.4	93.6	93.8	94.2	
IV 400	63.8	69.3	76.1	80.5	82.0	86.2	89.3	89.8	93.1	94.0	94.5	95.2	95.6	95.7	96.2	
IV 300	63.8	69.3	76.2	80.6	82.0	86.3	89.6	90.1	93.6	94.6	95.3	96.2	96.7	96.9	97.6	
IV 200	63.8	69.3	76.2	80.6	82.1	86.4	89.6	90.1	93.7	94.8	95.4	96.4	97.1	97.5	98.3	
IV 100	63.8	69.4	76.2	80.6	82.1	86.4	89.6	90.1	93.7	94.8	95.5	96.5	97.1	97.6	99.1	
IV 0	63.8	69.4	76.2	80.7	82.1	86.4	89.6	90.2	93.7	94.8	95.5	96.6	97.2	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS

34675

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4766-72

JA

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	
NO CEILING																
≥ 20000		12.1	15.0	17.3	21.5	22.1	24.5	25.8	26.6	27.0	27.2	27.2	27.5	27.6	27.8	
IV 18000		13.7	16.7	19.3	23.8	24.6	27.5	29.2	30.1	30.6	30.8	30.9	31.0	31.4	31.5	31.7
IV 16000		13.7	16.7	19.3	23.8	24.6	27.5	29.2	30.1	30.6	30.8	30.9	31.0	31.4	31.5	31.7
IV 14000		13.8	16.8	19.4	23.9	24.7	27.6	29.3	30.1	30.7	30.9	31.0	31.1	31.4	31.5	31.8
IV 12000		13.8	16.8	19.4	23.9	24.7	27.6	29.3	30.1	30.7	30.9	31.0	31.1	31.4	31.5	31.8
IV 10000		14.0	17.0	19.9	24.3	25.1	28.1	29.9	30.7	31.2	31.5	31.5	31.6	32.0	32.1	32.4
IV 9000		14.5	17.4	20.3	24.8	25.6	28.5	30.3	31.2	31.7	31.9	32.0	32.1	32.4	32.5	32.9
IV 8000		15.3	18.3	21.5	26.1	27.2	30.3	32.1	33.0	33.7	34.0	34.1	34.2	34.6	34.7	35.0
IV 7000		16.6	19.6	23.3	28.3	29.5	32.6	34.9	35.8	36.6	37.0	37.1	37.2	37.6	37.7	38.0
IV 6000		17.9	21.5	25.3	30.6	31.9	35.4	37.9	38.8	39.6	40.0	40.1	40.2	40.6	40.7	41.0
IV 5000		18.9	22.5	27.2	32.8	34.2	37.9	40.5	41.4	42.6	42.9	43.1	43.2	43.5	43.7	43.9
IV 4500		19.1	22.7	27.4	33.1	34.7	38.5	41.1	42.0	43.2	43.5	43.7	43.8	44.1	44.3	44.5
IV 4000		19.4	23.2	28.1	33.8	35.7	39.5	42.2	43.1	44.3	44.6	44.8	44.9	45.3	45.4	45.7
IV 3500		19.7	23.6	28.8	34.7	36.6	40.4	43.1	44.0	45.2	45.5	45.7	45.8	46.2	46.3	46.6
IV 3000		20.9	24.9	30.6	37.0	39.2	43.2	46.0	47.0	48.3	48.6	48.8	49.0	49.4	49.5	49.8
IV 2500		22.4	26.7	32.9	39.4	41.6	45.9	49.0	50.0	51.3	51.7	51.9	52.1	52.5	52.6	52.9
IV 2000		24.4	29.7	35.7	42.9	45.3	50.0	53.3	54.3	55.6	56.1	56.2	56.4	56.8	57.0	57.2
IV 1800		24.4	29.2	35.9	43.1	45.5	50.2	53.7	54.6	55.9	56.4	56.5	56.7	57.1	57.3	57.5
IV 1500		25.6	31.3	38.8	46.3	48.9	54.3	58.0	59.0	60.6	61.1	61.3	61.5	61.9	62.0	62.3
IV 1200		27.6	33.0	40.2	48.0	50.8	56.5	60.4	61.5	63.2	63.7	63.9	64.1	64.5	64.7	65.0
IV 1000		29.0	34.6	42.6	50.9	53.9	60.6	65.4	66.6	68.9	69.6	69.8	70.2	70.7	70.8	71.1
IV 900		29.2	35.3	43.4	51.9	55.0	61.9	66.8	68.0	70.6	71.3	71.5	71.9	72.4	72.5	72.8
IV 800		29.7	36.0	44.4	53.5	56.7	63.9	69.2	70.3	73.4	74.4	74.7	75.1	75.6	75.7	76.0
IV 700		30.1	36.6	45.3	54.6	57.9	65.7	72.5	73.9	77.3	78.6	78.9	79.4	79.9	80.0	80.3
IV 600		30.3	36.9	45.9	55.2	58.8	67.1	74.3	75.7	79.7	81.4	81.7	82.4	82.9	83.0	83.3
IV 500		30.4	37.3	46.5	56.3	59.9	69.0	77.4	78.9	84.8	87.2	88.0	88.7	89.3	89.6	90.1
IV 400		30.4	37.3	46.6	56.4	60.1	69.4	78.3	79.8	86.3	89.0	90.0	90.8	91.3	91.6	92.1
IV 300		30.4	37.4	46.6	56.5	60.2	69.5	78.5	80.0	87.7	90.8	92.0	93.2	94.9	95.3	96.1
IV 200		30.4	37.4	46.6	56.5	60.2	69.5	78.6	80.2	88.0	91.1	92.3	93.6	95.4	96.1	97.5
IV 100		30.4	37.4	46.6	56.5	60.2	69.5	78.6	80.2	88.0	91.1	92.3	93.6	95.4	96.3	98.8
IV 0		30.5	37.4	46.7	56.6	60.3	69.6	78.7	80.3	88.1	91.2	92.4	93.8	95.7	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2876

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,56-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING															
IV 20000	13.4	15.9	19.4	21.6	22.0	23.5	24.1	24.1	24.5	24.6	24.7	24.7	24.7	24.9	25.0
IV 18000	15.9	21.1	24.0	26.4	26.8	28.3	29.0	29.0	29.4	29.5	29.5	29.5	29.6	29.8	29.9
IV 16000	16.9	21.1	24.0	26.4	26.8	28.3	29.0	29.0	29.4	29.5	29.5	29.5	29.6	29.8	29.9
IV 14000	17.1	21.2	24.2	26.6	27.0	28.5	29.2	29.2	29.6	29.7	29.7	29.7	29.8	30.0	30.1
IV 12000	17.1	21.3	24.3	26.7	27.1	28.6	29.2	29.3	29.6	29.8	29.8	29.8	29.9	30.1	30.2
IV 10000	18.2	22.5	25.7	29.1	28.5	30.0	30.7	30.7	31.0	31.2	31.2	31.2	31.3	31.5	31.6
IV 9000	18.7	23.0	26.3	28.7	29.1	30.7	31.4	31.4	31.8	31.9	31.9	31.9	32.0	32.2	32.3
IV 8000	20.3	24.6	28.1	30.0	31.4	33.0	33.8	33.9	34.3	34.4	34.5	34.5	34.6	34.9	35.0
IV 7000	22.5	27.0	30.9	33.8	34.5	36.3	37.0	37.1	37.3	37.7	37.7	37.7	37.9	38.1	38.3
IV 6000	24.7	29.3	33.4	36.5	37.1	39.2	40.0	40.1	40.6	40.7	40.8	40.8	40.9	41.2	41.3
IV 5000	25.8	30.6	35.3	38.4	39.0	41.3	42.1	42.2	42.9	43.0	43.1	43.2	43.2	43.5	43.6
IV 4500	25.9	30.7	35.4	38.5	39.2	41.4	42.3	42.3	43.0	43.2	43.2	43.3	43.4	43.7	43.8
IV 4000	27.0	32.1	37.0	40.4	41.1	43.5	44.3	44.4	45.1	45.3	45.3	45.4	45.5	45.7	45.9
IV 3500	28.6	34.0	38.9	42.6	43.2	45.7	46.5	46.6	47.3	47.5	47.5	47.6	47.7	47.9	48.1
IV 3000	30.9	37.0	42.9	46.7	47.4	50.5	51.4	51.4	52.3	52.5	52.5	52.6	52.6	52.9	53.0
IV 2500	33.3	39.7	45.9	49.9	50.6	53.9	54.8	54.9	55.8	56.0	56.0	56.1	56.2	56.4	56.6
IV 2000	35.0	42.2	48.7	53.4	54.2	58.1	59.2	59.3	60.3	60.5	60.5	60.6	60.7	61.0	61.1
IV 1800	35.3	42.6	49.2	53.8	54.6	58.6	59.7	59.8	60.8	61.0	61.0	61.1	61.2	61.4	61.6
IV 1500	37.4	45.0	52.7	58.1	58.9	63.2	64.5	64.7	66.2	66.4	66.5	66.7	66.8	67.1	67.2
IV 1200	38.5	46.4	54.4	60.6	61.6	66.6	68.2	68.3	70.6	70.9	71.1	71.3	71.3	71.6	71.8
IV 1000	40.4	48.6	58.1	64.8	65.9	71.3	73.9	74.0	77.7	78.3	78.5	78.8	78.9	79.4	79.6
IV 900	41.1	49.5	59.0	65.7	67.0	72.9	76.0	76.2	80.4	81.0	81.2	81.6	81.7	82.2	82.4
IV 800	41.4	49.9	59.9	66.9	68.1	74.4	77.9	78.1	82.7	83.3	83.6	84.1	84.2	84.6	84.9
IV 700	41.8	50.3	60.4	67.8	69.0	75.7	79.5	79.9	84.6	85.2	85.5	86.0	86.1	86.6	86.9
IV 600	42.0	50.5	60.8	68.3	69.7	76.8	80.8	81.3	86.3	87.2	87.5	88.0	88.2	88.7	88.9
IV 500	42.4	50.9	61.3	69.3	70.8	78.1	82.4	82.9	89.1	90.6	91.3	92.0	92.3	92.8	93.1
IV 400	42.6	51.1	61.9	69.6	71.1	78.6	83.1	83.6	90.2	92.4	93.5	94.5	94.9	95.4	95.7
IV 300	42.6	51.1	61.9	69.6	71.1	78.6	83.3	83.8	90.7	93.2	94.6	96.0	96.6	97.2	97.6
IV 200	42.6	51.1	61.9	69.7	71.1	78.7	83.3	83.8	90.7	93.3	94.7	96.1	96.7	97.5	98.5
IV 100	42.6	51.1	61.9	69.7	71.1	78.7	83.3	83.8	90.7	93.3	94.7	96.1	96.8	97.5	99.1
IV 0	42.6	51.1	61.9	69.7	71.1	78.7	83.3	83.8	90.7	93.3	94.7	96.1	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2551

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ AC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	25.9	28.4	29.8	30.4	30.9	31.7	31.9	31.9	32.3	32.4	32.4	32.5	32.6	32.7	32.8	
IV 18000	30.3	31.9	33.3	34.2	34.8	35.6	35.8	35.8	36.2	36.4	36.4	36.5	36.6	36.7	36.8	
IV 16000	30.5	32.1	33.7	34.4	34.9	35.8	36.0	36.0	36.4	36.6	36.6	36.7	36.8	36.9	37.0	
IV 14000	30.8	32.5	34.0	34.7	35.3	36.1	36.4	36.4	36.8	36.9	36.9	37.1	37.2	37.3	37.4	
IV 12000	31.3	33.0	34.6	35.2	35.8	36.7	36.9	36.9	37.3	37.4	37.4	37.6	37.7	37.8	37.9	
IV 10000	32.1	33.8	35.4	36.1	36.7	37.6	37.9	37.9	38.3	38.4	38.4	38.6	38.7	38.8	38.9	
IV 9000	32.6	34.3	35.9	36.7	37.4	38.3	38.6	38.6	39.0	39.1	39.1	39.3	39.4	39.5	39.6	
IV 8000	34.8	36.5	38.4	39.2	40.0	40.9	41.2	41.2	41.6	41.7	41.7	41.9	42.0	42.1	42.3	
IV 7000	37.8	39.6	41.8	42.8	43.5	44.6	44.9	44.9	45.4	45.5	45.5	45.7	45.8	45.9	46.0	
IV 6000	41.3	43.4	45.8	46.8	47.7	48.8	49.1	49.1	49.6	49.7	49.7	49.9	50.0	50.1	50.2	
IV 5000	42.9	44.9	47.4	48.6	49.5	50.7	51.0	51.0	51.5	51.7	51.7	52.0	52.2	52.3	52.4	
IV 4500	43.3	45.4	47.9	49.1	50.0	51.2	51.5	51.6	52.0	52.2	52.2	52.5	52.7	52.8	52.9	
IV 4000	45.2	47.3	50.0	51.2	52.1	53.4	53.7	53.7	54.3	54.5	54.5	54.8	55.0	55.1	55.2	
IV 3500	46.4	48.8	51.4	52.6	53.6	54.9	55.2	55.2	55.8	55.9	56.0	56.2	56.4	56.5	56.7	
IV 3000	49.1	52.0	55.1	56.6	57.5	59.1	59.4	59.5	60.3	60.5	60.5	60.8	61.2	61.3	61.4	
IV 2500	53.1	56.4	59.8	61.5	62.5	64.1	64.5	64.5	65.3	65.5	65.5	65.9	66.2	66.3	66.4	
IV 2000	56.6	60.3	63.8	65.6	66.7	68.3	68.9	68.9	69.8	70.0	70.1	70.4	70.7	70.8	70.9	
IV 1800	57.3	61.3	64.8	66.6	67.7	69.3	69.9	70.0	70.8	71.0	71.1	71.4	71.7	71.8	72.0	
IV 1500	61.5	66.3	70.3	72.6	73.7	75.7	76.1	76.2	77.1	77.3	77.4	77.7	78.1	78.2	78.3	
IV 1200	53.3	68.6	72.9	73.3	76.3	78.7	79.2	79.3	80.3	80.5	80.6	81.0	81.4	81.5	81.6	
IV 1000	63.2	71.3	76.2	78.8	80.0	82.7	83.8	84.0	85.3	85.6	85.7	86.2	86.6	86.7	86.9	
IV 900	65.5	72.6	76.9	79.5	80.8	83.7	84.9	85.2	86.6	86.9	87.0	87.5	87.8	88.0	88.1	
IV 800	66.1	72.8	78.3	81.0	82.4	85.3	86.7	87.1	88.7	89.0	89.1	89.9	90.3	90.5	90.6	
IV 700	66.4	73.1	78.6	81.5	83.0	86.1	87.5	88.0	89.7	90.2	90.4	91.4	91.7	91.9	92.1	
IV 600	66.5	73.2	78.8	81.8	83.3	86.8	88.2	89.0	91.1	91.5	91.7	92.8	93.2	93.4	93.5	
IV 500	66.6	73.4	79.0	82.3	83.7	87.4	89.5	90.0	92.9	93.6	94.0	95.1	95.4	95.6	95.8	
IV 400	66.7	73.5	79.3	82.6	84.1	87.7	90.2	90.8	94.4	95.3	95.8	97.0	97.3	97.7	98.0	
IV 300	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.7	95.9	96.6	98.1	98.4	98.8	99.1	
IV 200	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.8	96.0	96.7	98.3	98.9	99.2	99.6	
IV 100	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.8	96.0	96.7	98.3	98.9	99.2	99.9	
IV 0	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.8	96.0	96.7	98.3	98.9	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS

3053

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.06.72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	
NO CEILING																
IV 20000	35.1	37.7	38.9	39.3	39.5	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 18000	41.1	42.9	44.2	44.7	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 16000	41.1	42.9	44.2	44.7	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 14000	41.1	42.9	44.2	44.7	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 12000	41.3	43.1	44.4	44.9	45.1	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 10000	42.0	43.8	45.2	45.7	45.9	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 9000	42.6	44.5	45.8	46.3	46.5	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 8000	44.4	46.5	47.8	48.3	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 7000	47.2	49.3	50.7	51.4	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 6000	50.4	53.0	54.5	55.2	55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 5000	52.2	55.3	56.9	57.6	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 4500	52.5	55.6	57.1	57.8	58.1	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 4000	54.3	57.4	59.1	59.7	60.0	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 3500	55.3	58.5	60.2	60.9	61.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 3000	58.2	61.6	63.8	64.6	65.1	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 2500	61.8	65.6	68.1	69.0	69.6	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 2000	59.5	73.6	76.4	77.4	78.1	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 1800	70.1	74.2	77.1	78.2	78.8	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1500	73.9	78.3	81.7	82.8	83.6	84.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	74.8	79.4	82.7	84.1	85.0	86.1	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1000	77.0	81.7	85.3	86.8	87.7	89.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 900	78.0	82.7	86.5	88.0	89.0	90.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 800	78.6	83.4	87.2	88.9	89.9	91.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 700	79.1	83.8	87.7	89.5	90.7	92.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	79.7	84.5	88.5	90.4	91.7	93.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 500	80.3	85.4	89.7	91.8	93.1	95.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	80.3	85.4	89.8	91.9	93.2	95.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 200	80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100	80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 0	80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 2665

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-70,72

JAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	35.0	35.8	36.6	36.9	37.1	37.3	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8	37.9	
IV 18000	43.3	44.3	45.7	46.0	46.0	46.3	46.6	46.6	46.9	46.9	46.9	47.0	47.0	47.0	47.1	
IV 16000	43.4	44.7	45.8	46.1	46.2	46.5	46.7	46.7	47.0	47.1	47.1	47.1	47.1	47.2	47.2	
IV 14000	43.5	44.8	46.0	46.2	46.3	46.6	46.9	46.9	47.1	47.2	47.2	47.2	47.3	47.3	47.4	
IV 12000	42.7	44.9	46.1	46.4	46.4	46.7	47.0	47.0	47.4	47.5	47.5	47.5	47.5	47.6	47.6	
IV 10000	44.7	46.0	47.2	47.5	47.5	47.8	48.1	48.1	48.5	48.6	48.6	48.6	48.7	48.7	48.8	
IV 9000	45.6	46.9	48.1	48.4	48.4	48.7	49.0	49.0	49.4	49.5	49.5	49.5	49.6	49.6	49.7	
IV 8000	48.7	50.2	51.6	51.9	52.0	52.3	52.7	52.7	52.6	53.0	53.1	53.1	53.2	53.2	53.3	
IV 7000	53.4	54.9	56.6	56.9	57.0	57.3	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.4	58.4	
IV 6000	56.9	58.4	60.1	60.5	60.6	60.9	61.3	61.3	61.7	61.8	61.8	61.9	62.0	62.0	62.1	
IV 5000	58.3	59.8	61.6	62.0	62.1	62.5	62.8	62.8	63.3	63.3	63.3	63.4	63.5	63.5	63.6	
IV 4500	59.0	60.5	62.2	62.7	62.8	63.3	63.6	63.6	64.1	64.1	64.1	64.3	64.3	64.3	64.4	
IV 4000	61.5	63.1	65.0	65.6	65.7	66.2	66.5	66.5	67.0	67.1	67.1	67.2	67.2	67.2	67.3	
IV 3500	63.5	65.2	67.2	67.9	68.1	68.6	69.0	69.0	69.4	69.5	69.5	69.7	69.7	69.7	69.8	
IV 3000	68.5	70.3	72.8	73.5	73.8	74.4	75.0	75.0	75.5	75.6	75.6	75.7	75.8	75.8	75.9	
IV 2500	71.7	73.8	76.3	77.2	77.5	78.1	78.8	78.8	79.3	79.3	79.3	79.5	79.5	79.5	79.6	
IV 2000	75.8	78.3	81.3	82.4	82.7	83.4	84.1	84.1	84.6	84.7	84.7	84.8	84.9	84.9	85.0	
IV 1800	76.3	78.9	82.0	83.2	83.5	84.2	84.9	84.9	85.4	85.4	85.4	85.6	85.6	85.7	85.7	
IV 1500	78.4	81.0	84.5	85.8	86.2	86.9	87.6	87.6	88.1	88.1	88.1	88.3	88.3	88.3	88.4	
IV 1200	79.6	82.5	85.9	87.3	87.7	88.4	89.1	89.1	89.6	89.6	89.6	89.8	89.8	89.9	89.9	
IV 1000	81.6	84.7	88.5	90.1	90.4	91.2	92.1	92.1	92.6	92.6	92.6	92.8	92.8	92.8	92.9	
IV 900	82.1	85.3	89.1	90.8	91.2	92.1	93.0	93.0	93.5	93.6	93.6	93.7	93.8	93.8	93.9	
IV 800	82.6	85.9	89.9	91.6	92.2	93.5	94.5	94.5	95.0	95.1	95.1	95.2	95.3	95.3	95.4	
IV 700	83.1	86.5	90.7	92.4	93.2	94.7	95.7	95.7	96.2	96.3	96.3	96.5	96.5	96.5	96.6	
IV 600	83.2	86.7	91.0	92.9	93.8	95.6	96.7	96.7	97.3	97.3	97.3	97.6	97.6	97.7	97.9	
IV 500	83.4	87.2	91.9	93.9	94.8	96.9	98.0	98.1	98.1	99.0	99.1	99.1	99.2	99.3	99.4	
IV 400	83.4	87.2	91.9	93.9	94.9	96.9	98.1	98.1	99.1	99.2	99.2	99.2	99.3	99.3	99.6	
IV 300	83.4	87.2	91.9	93.9	94.9	96.9	98.1	98.1	99.1	99.2	99.2	99.3	99.3	99.3	99.6	
IV 200	83.4	87.2	91.9	93.9	94.9	96.9	98.1	98.1	99.1	99.2	99.2	99.3	99.3	99.3	99.6	
IV 100	83.4	87.2	91.9	93.9	94.9	97.0	98.1	98.1	99.2	99.3	99.3	99.3	99.3	99.6	99.7	
IV 0	63.4	87.2	91.9	93.9	94.9	97.0	98.1	98.1	99.2	99.3	99.3	99.3	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2781



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 44172 ANSBACH AAF GERMANY/KATTERBACH YEAR 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

UNIT  
 ALL

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING		34.5	35.7	36.3	36.7	36.9	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6
IV 20000		41.3	42.6	43.2	43.7	43.9	44.2	44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.6
IV 18000		41.3	42.6	43.2	43.7	43.9	44.2	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.6
IV 16000		41.3	42.6	43.2	43.7	43.9	44.2	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.6
IV 14000		41.6	42.9	43.6	44.1	44.3	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.9
IV 12000		41.7	43.0	43.7	44.2	44.4	44.6	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.0
IV 10000		42.4	43.8	44.4	45.0	45.2	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.8
IV 9000		43.1	44.6	45.2	45.8	46.0	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.7
IV 8000		47.8	49.3	50.0	50.7	51.0	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9	52.0
IV 7000		51.3	53.2	53.9	54.7	55.0	55.5	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1
IV 6000		54.0	55.9	56.8	57.7	58.0	58.5	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.2
IV 5000		55.3	57.2	58.2	59.1	59.4	59.9	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6
IV 4500		56.0	58.0	59.1	60.0	60.3	60.8	61.1	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5
IV 4000		58.3	60.4	61.5	62.4	62.7	63.3	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0
IV 3500		60.9	63.1	64.2	65.1	65.3	66.2	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8
IV 3000		67.3	69.7	71.0	72.1	72.5	73.2	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
IV 2500		70.5	73.2	74.5	75.6	76.0	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4
IV 2000		76.3	79.4	81.0	82.3	82.7	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
IV 1800		76.7	79.8	81.4	82.7	83.1	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.6
IV 1500		79.4	82.8	84.5	85.9	86.3	87.1	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8
IV 1200		79.9	83.3	85.7	87.2	87.6	88.5	88.8	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2
IV 1000		81.1	84.9	87.8	89.5	89.8	90.8	91.2	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.8
IV 900		81.1	85.0	88.0	89.8	90.2	91.2	91.5	91.5	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.3
IV 800		81.4	85.3	88.4	90.2	90.8	91.8	92.2	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0
IV 700		81.6	85.7	88.9	90.9	91.4	92.5	93.2	93.3	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.2
IV 600		81.8	85.9	89.4	91.4	92.0	93.3	94.1	94.2	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2
IV 500		82.0	86.2	89.9	92.0	92.6	94.3	95.3	95.8	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.1
IV 400		82.0	86.5	90.3	92.5	93.2	95.0	96.4	96.9	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.1
IV 300		82.0	86.5	90.3	92.5	93.2	95.1	96.6	97.1	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.4
IV 200		82.0	86.5	90.3	92.5	93.2	95.1	96.7	97.3	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.5
IV 100		82.0	86.5	90.3	92.5	93.2	95.1	96.7	97.3	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.5
IV 0		82.0	86.5	90.4	92.6	93.2	95.1	96.7	97.3	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 2911

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		44.1	44.7	45.8	46.8	47.0	47.3	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000		48.2	49.0	50.2	51.3	51.6	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 18000		48.2	49.0	50.2	51.3	51.6	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 16000		49.2	49.0	50.2	51.3	51.6	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 14000		48.3	49.1	50.3	51.4	51.7	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 12000		48.9	49.8	51.1	52.2	52.5	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 10000		50.6	51.5	53.0	54.1	54.5	54.9	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 9000		51.6	52.6	54.1	55.2	55.6	56.0	56.2	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4
IV 8000		56.1	57.1	58.6	59.8	60.2	60.7	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1
IV 7000		60.2	61.3	62.9	64.2	64.9	65.3	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8
IV 6000		62.8	64.0	65.6	66.9	67.6	68.3	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7
IV 5000		64.7	65.9	67.7	69.1	69.7	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500		65.1	66.4	68.1	69.5	70.1	70.9	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3
IV 4000		67.9	69.3	71.1	72.7	73.3	74.1	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
IV 3500		70.8	72.4	74.4	75.9	76.5	77.4	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9
IV 3000		76.7	78.9	81.1	82.7	83.4	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8
IV 2500		79.9	82.3	84.5	86.1	86.8	87.7	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3
IV 2000		82.3	85.0	87.4	89.0	89.7	90.6	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2
IV 1800		82.4	85.2	87.5	89.1	89.8	90.7	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500		84.4	87.3	89.8	91.6	92.3	93.4	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV 1200		84.8	87.8	90.5	92.3	93.0	94.0	94.3	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6
IV 1000		85.2	88.3	91.2	93.1	93.8	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900		85.5	88.5	91.6	93.5	94.2	95.8	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 800		85.7	88.8	91.9	93.8	94.5	96.3	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
IV 700		85.9	89.1	92.2	94.1	94.8	96.8	97.3	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 600		86.0	89.1	92.3	94.2	95.0	97.0	97.5	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4
IV 500		86.0	89.2	92.4	94.4	95.1	97.2	97.8	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 400		86.0	89.2	92.5	94.5	95.2	97.4	98.1	98.5	99.2	99.4	99.4	99.5	99.5	99.5	99.5
IV 300		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.5	99.7	99.7	99.7	99.8
IV 200		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.9
IV 100		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.9
IV 0		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2874

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72

AVG  
 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	33.1	34.1	35.2	35.9	36.4	36.8	37.2	37.3	37.6	37.6	37.6	37.6	37.8	37.9	37.9	38.0
≥ 20000	38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5	44.5
IV 18000	38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5	44.5
IV 16000	38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5	44.5
IV 14000	38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5	44.5
IV 12000	38.6	39.8	41.3	42.2	42.7	43.3	43.7	43.8	44.2	44.2	44.3	44.5	44.6	44.7	44.8	44.8
IV 10000	40.0	41.3	42.9	43.8	44.4	45.0	45.4	45.6	45.9	46.0	46.0	46.2	46.3	46.4	46.6	46.6
IV 9000	41.9	43.2	44.8	45.7	46.2	46.8	47.3	47.4	47.8	47.8	47.9	48.1	48.2	48.3	48.4	48.4
IV 8000	46.1	47.5	49.1	50.0	50.6	51.2	51.7	51.8	52.2	52.2	52.3	52.5	52.6	52.7	52.8	52.8
IV 7000	50.5	52.1	53.8	54.8	55.4	56.0	56.7	56.8	57.2	57.2	57.3	57.5	57.6	57.7	57.9	57.9
IV 6000	53.5	55.7	58.1	59.1	59.8	60.4	61.0	61.2	61.7	61.7	61.8	62.0	62.2	62.3	62.4	62.4
IV 5000	55.7	58.0	60.6	61.7	62.3	63.0	63.7	63.9	64.4	64.4	64.5	64.8	64.9	65.0	65.1	65.1
IV 4500	56.2	58.4	61.1	62.2	62.8	63.4	64.1	64.4	64.8	64.9	65.0	65.3	65.5	65.6	65.7	65.7
IV 4000	58.4	60.9	63.6	64.6	65.3	66.1	66.8	67.1	67.6	67.7	67.8	68.1	68.2	68.4	68.5	68.5
IV 3500	60.4	63.1	66.2	67.4	68.0	68.9	69.6	69.9	70.5	70.6	70.7	71.0	71.2	71.3	71.5	71.5
IV 3000	66.7	69.6	73.4	74.7	75.3	76.2	77.0	77.3	77.9	78.0	78.1	78.5	78.6	78.7	78.9	78.9
IV 2500	70.2	73.5	77.4	78.8	79.4	80.3	81.1	81.5	82.0	82.2	82.3	82.6	82.7	82.9	83.0	83.0
IV 2000	72.5	76.0	80.0	81.5	82.1	83.1	83.9	84.2	84.8	84.9	85.0	85.4	85.5	85.6	85.8	85.8
IV 1800	72.6	76.1	80.2	81.6	82.3	83.2	84.0	84.4	84.9	85.1	85.2	85.5	85.6	85.8	85.9	85.9
IV 1500	74.8	78.6	82.9	84.4	85.1	86.1	87.0	87.4	87.9	88.1	88.2	88.5	88.7	88.8	89.0	89.0
IV 1200	76.2	80.0	84.5	86.1	86.9	87.9	88.8	89.2	89.7	89.9	90.0	90.3	90.5	90.6	90.8	90.8
IV 1000	76.8	80.7	85.6	87.3	88.1	89.4	90.5	90.9	91.5	91.7	91.8	92.1	92.3	92.4	92.6	92.6
IV 900	77.1	81.0	86.3	88.2	89.1	90.5	91.6	92.0	92.5	92.8	92.9	93.2	93.3	93.4	93.6	93.6
IV 800	77.5	81.4	86.9	88.9	89.7	91.2	92.3	92.9	93.4	93.6	93.7	94.1	94.2	94.3	94.5	94.5
IV 700	77.8	81.8	87.4	89.5	90.3	91.8	93.1	93.8	94.1	94.3	94.4	94.7	94.9	95.0	95.2	95.2
IV 600	78.0	82.0	87.7	89.8	90.6	92.2	93.8	94.2	94.7	95.0	95.1	95.4	95.5	95.7	95.8	95.8
IV 500	78.2	82.2	88.1	90.8	91.6	93.5	95.2	95.7	96.6	96.8	96.9	97.3	97.4	97.6	97.7	97.7
IV 400	78.3	82.3	88.3	91.0	91.8	93.8	95.6	96.1	97.1	97.3	97.6	98.0	98.2	98.3	98.5	98.5
IV 300	78.3	82.3	88.4	91.1	92.0	94.0	95.9	96.4	97.6	98.0	98.2	98.6	98.7	98.9	99.1	99.2
IV 200	78.3	82.3	88.5	91.2	92.1	94.1	96.0	96.4	97.6	98.0	98.2	98.7	98.9	99.1	99.2	99.2
IV 100	78.3	82.3	88.5	91.2	92.1	94.1	96.0	96.4	97.6	98.0	98.2	98.7	98.9	99.1	99.2	99.2
IV 0	78.3	82.3	88.5	91.2	92.1	94.1	96.0	96.4	97.6	98.0	98.2	98.7	98.9	99.1	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 3007

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	
NO CEILING															
≥ 20000	37.6	39.5	42.4	44.1	44.4	45.1	46.1	46.1	47.1	47.3	47.4	47.6	47.9	48.1	49.0
IV 18000	42.1	44.3	47.8	49.5	49.9	50.9	52.0	52.0	53.0	53.2	53.3	53.5	53.9	54.1	55.0
IV 16000	42.1	44.3	47.9	49.5	50.0	51.0	52.0	52.1	53.1	53.2	53.4	53.5	53.9	54.1	55.1
IV 14000	42.3	44.5	48.1	49.7	50.2	51.2	52.2	52.3	53.3	53.4	53.6	53.7	54.1	54.3	55.3
IV 12000	42.7	44.9	48.4	50.1	50.5	51.5	52.6	52.6	53.6	53.8	53.9	54.1	54.5	54.7	55.6
IV 10000	43.5	45.7	49.3	51.0	51.4	52.4	53.5	53.6	54.6	54.8	54.9	55.1	55.5	55.7	56.6
IV 9000	44.1	46.3	49.9	51.7	52.1	53.2	54.3	54.4	55.5	55.7	55.8	56.0	56.4	56.6	57.6
IV 8000	47.3	49.7	53.6	55.5	56.0	57.2	58.6	58.7	59.8	60.0	60.2	60.4	60.8	61.0	61.9
IV 7000	51.3	54.2	58.5	60.5	61.0	62.4	63.8	63.9	65.0	65.2	65.4	65.6	66.0	66.2	67.1
IV 6000	54.5	57.8	62.2	64.5	65.1	66.5	67.8	67.9	69.1	69.3	69.6	69.8	70.1	70.5	71.4
IV 5000	56.3	59.7	64.3	66.7	67.2	68.8	70.1	70.2	71.4	71.6	71.9	72.1	72.5	72.7	73.7
IV 4500	56.7	60.2	64.8	67.2	67.8	69.4	70.7	70.8	72.1	72.3	72.5	72.7	73.1	73.3	74.4
IV 4000	58.6	62.2	67.2	69.8	70.4	72.1	73.5	73.6	74.9	75.1	75.3	75.5	76.0	76.2	77.3
IV 3500	60.6	64.4	69.6	72.2	72.9	74.6	76.0	76.1	77.4	77.7	77.9	78.1	78.6	78.8	79.8
IV 3000	63.6	67.6	73.2	76.1	76.8	78.7	80.2	80.3	81.6	81.9	82.1	82.3	82.8	83.0	84.1
IV 2500	66.0	70.2	76.1	79.2	80.0	82.0	83.6	83.8	85.2	85.5	85.7	86.0	86.5	86.7	87.8
IV 2000	69.3	73.8	79.9	83.0	84.0	85.9	87.8	87.9	89.5	89.8	90.0	90.3	90.8	91.0	92.1
IV 1800	69.4	73.9	80.0	83.1	84.1	86.1	87.9	88.1	89.6	89.9	90.2	90.4	90.9	91.1	92.2
IV 1500	71.1	75.7	81.9	85.0	86.0	88.1	89.9	90.1	91.6	91.9	92.2	92.4	92.9	93.1	94.2
IV 1200	71.6	76.4	82.6	85.7	86.7	88.8	90.6	90.8	92.3	92.6	92.8	93.1	93.6	93.8	94.9
IV 1000	72.3	77.4	83.8	87.0	88.0	90.2	92.0	92.2	93.8	94.1	94.3	94.6	95.1	95.3	96.4
IV 900	72.4	77.5	83.9	87.1	88.1	90.3	92.2	92.4	94.0	94.2	94.5	94.7	95.3	95.5	96.5
IV 800	72.4	77.5	83.9	87.1	88.2	90.4	92.4	92.6	94.2	94.6	94.9	95.1	95.6	95.8	96.9
IV 700	72.5	77.6	84.1	87.4	88.5	90.7	93.0	93.2	95.0	95.4	95.7	95.9	96.4	96.7	97.7
IV 600	72.3	77.8	84.3	87.6	88.8	91.1	93.4	93.7	95.5	95.9	96.2	96.5	97.0	97.2	98.3
IV 500	72.9	78.0	84.5	87.8	89.0	91.3	93.6	93.9	95.8	96.3	96.7	97.0	97.6	97.8	98.9
IV 400	72.9	78.1	84.6	87.9	89.1	91.4	93.8	94.0	96.0	96.5	96.9	97.2	97.8	98.0	99.2
IV 300	72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.3	97.9	98.1	99.3
IV 200	72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.3	97.9	98.1	99.3
IV 100	72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.3	97.9	98.1	99.3
IV 0	72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.3	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2867

DATA PROCESSING BRANCH  
 USAF ETAC  
 AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 4665-72

ECI

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING																
≥ 20000		31.6	33.1	35.4	37.2	37.7	38.8	39.8	39.9	40.7	40.8	41.0	41.2	41.4	41.4	42.0
≥ 18000		33.9	35.7	38.7	40.7	41.2	42.3	43.4	43.5	44.3	44.5	44.8	45.0	45.1	45.2	46.1
≥ 16000		33.9	35.7	38.7	40.7	41.2	42.3	43.4	43.5	44.3	44.5	44.8	45.0	45.1	45.2	46.1
≥ 14000		33.9	35.7	38.7	40.7	41.2	42.3	43.4	43.5	44.3	44.5	44.8	45.0	45.1	45.2	46.1
≥ 12000		34.0	35.8	38.8	40.7	41.3	42.4	43.5	43.6	44.5	44.6	44.9	45.1	45.2	45.3	46.2
≥ 10000		34.7	36.5	39.7	41.6	42.2	43.4	44.5	44.6	45.6	45.6	45.9	46.1	46.2	46.3	47.2
≥ 9000		35.2	37.1	40.4	42.4	42.9	44.2	45.3	45.4	46.4	46.4	46.5	46.7	46.9	47.1	48.0
≥ 8000		37.2	39.2	42.7	44.7	45.3	46.7	48.0	48.1	49.1	49.2	49.4	49.6	49.8	49.8	50.8
≥ 7000		38.6	40.6	44.4	46.7	47.3	48.6	50.0	50.1	51.3	51.4	51.6	51.8	52.0	52.1	53.0
≥ 6000		39.8	42.2	45.9	48.2	48.8	50.2	51.8	51.9	53.0	53.2	53.4	53.6	53.8	53.9	54.8
≥ 5000		40.7	43.3	47.1	49.5	50.1	51.5	53.1	53.2	54.4	54.5	54.7	55.0	55.1	55.2	56.1
≥ 4500		40.8	43.5	47.4	49.8	50.4	51.8	53.4	53.5	54.7	54.8	55.1	55.3	55.4	55.5	56.4
≥ 4000		42.5	45.2	49.4	51.8	52.5	54.1	55.8	55.9	57.0	57.2	57.4	57.7	57.8	57.9	58.8
≥ 3500		44.2	47.1	51.3	53.8	54.4	56.1	57.8	57.9	59.0	59.2	59.4	59.7	59.8	59.9	60.8
≥ 3000		46.4	49.4	54.2	57.0	57.6	59.4	61.2	61.3	62.5	62.7	62.9	63.2	63.4	63.4	64.4
≥ 2500		49.1	52.5	57.4	60.4	61.1	62.9	64.7	64.8	66.0	66.2	66.5	66.8	67.0	67.1	68.1
≥ 2000		51.5	55.1	60.5	63.6	64.3	66.3	68.2	68.4	69.6	69.8	70.1	70.5	70.6	70.8	71.8
≥ 1800		51.7	55.5	60.9	64.0	64.7	66.7	68.6	68.8	70.0	70.2	70.5	70.9	71.0	71.2	72.2
≥ 1500		54.0	58.4	64.4	67.9	68.6	71.0	72.9	73.0	74.3	74.5	74.8	75.2	75.4	75.5	76.6
≥ 1200		54.9	59.8	66.1	69.7	70.5	73.0	74.9	75.1	76.4	76.6	76.9	77.3	77.3	77.7	78.8
≥ 1000		56.3	61.6	68.4	72.3	73.1	75.6	77.7	77.8	79.3	79.5	79.9	80.3	80.3	80.7	81.7
≥ 900		56.5	61.8	68.7	72.8	73.7	76.3	78.5	78.6	80.2	80.4	80.7	81.2	81.3	81.5	82.6
≥ 800		56.8	62.7	69.7	74.0	74.9	77.8	80.1	80.3	81.9	82.1	82.4	82.9	83.1	83.3	84.4
≥ 700		57.4	63.5	70.9	75.4	76.3	79.6	82.2	82.4	84.2	84.6	84.9	85.4	85.6	85.8	86.9
≥ 600		57.9	64.2	71.8	76.3	77.3	80.9	83.7	83.9	86.0	86.5	86.9	87.4	87.6	87.8	89.0
≥ 500		58.5	64.9	72.7	77.3	78.3	82.0	85.1	85.4	88.0	88.5	89.1	89.6	89.8	90.0	91.2
≥ 400		58.6	65.1	73.0	77.9	79.1	83.1	86.5	86.8	89.5	90.3	90.9	91.7	92.2	92.4	93.7
≥ 300		58.6	65.1	73.1	78.0	79.3	83.2	86.7	87.0	89.9	90.7	91.4	92.6	93.2	93.5	95.3
≥ 200		58.6	65.1	73.1	78.0	79.3	83.2	86.7	87.0	89.9	90.7	91.4	92.6	93.2	93.5	95.3
≥ 100		58.7	65.2	73.1	78.1	79.3	83.3	86.8	87.1	89.9	90.7	91.5	92.8	93.6	94.0	97.2
≥ 0		58.7	65.2	73.1	78.1	79.3	83.3	86.8	87.1	89.9	90.7	91.5	92.8	93.8	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3264

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46265-72

ADV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING															
IV 20000	17.0	18.1	20.7	21.4	21.7	22.4	23.0	23.1	23.7	23.8	24.0	24.1	24.3	24.4	24.8
IV 18000	19.8	20.9	23.1	24.8	25.0	25.8	26.5	26.6	27.3	27.4	27.5	27.7	27.8	27.9	28.4
IV 16000	19.8	20.9	23.1	24.8	25.0	25.8	26.5	26.6	27.3	27.4	27.5	27.7	27.8	27.9	28.4
IV 14000	19.9	21.0	23.3	24.8	25.2	26.0	26.7	26.8	27.4	27.3	27.6	27.8	27.9	28.0	28.5
IV 12000	20.0	21.2	23.4	25.1	25.4	26.2	26.9	27.0	27.6	27.7	27.9	28.0	28.1	28.3	28.7
IV 10000	20.5	21.7	24.0	25.6	25.9	26.9	27.5	27.6	28.3	28.4	28.5	28.7	28.8	28.9	29.4
IV 9000	21.0	22.1	24.4	26.1	26.4	27.3	28.0	28.1	28.8	28.9	29.0	29.2	29.3	29.4	29.9
IV 8000	24.1	25.2	27.5	29.4	29.7	30.7	31.4	31.5	32.2	32.3	32.4	32.6	32.8	32.9	33.3
IV 7000	26.1	27.4	29.9	31.8	32.1	33.1	33.9	33.9	34.6	34.7	34.9	35.1	35.2	35.3	35.8
IV 6000	28.7	30.3	33.2	35.4	35.8	37.0	37.7	37.8	38.5	38.6	38.8	39.0	39.1	39.3	39.8
IV 5000	30.5	31.9	34.5	37.1	37.5	38.6	39.4	39.4	40.2	40.4	40.6	40.8	40.9	41.0	41.6
IV 4500	30.9	32.4	35.4	37.8	38.1	39.3	40.0	40.1	40.9	41.1	41.3	41.5	41.6	41.7	42.3
IV 4000	32.0	33.6	36.9	39.3	39.7	41.0	41.7	41.8	42.6	42.8	43.0	43.2	43.3	43.4	44.0
IV 3500	33.1	35.0	38.5	41.0	41.4	42.7	43.4	43.5	44.3	44.5	44.7	44.9	45.0	45.1	45.7
IV 3000	35.7	37.6	41.3	44.1	44.6	45.9	46.6	46.7	47.6	47.8	47.9	48.2	48.3	48.4	49.0
IV 2500	37.3	39.4	43.5	46.7	47.2	48.6	49.5	49.5	50.4	50.6	50.8	51.0	51.1	51.3	51.8
IV 2000	40.4	43.0	47.6	51.1	51.6	53.3	54.1	54.2	55.2	55.4	55.6	55.9	56.0	56.1	56.6
IV 1800	40.8	43.5	48.3	51.8	52.3	54.1	55.0	55.0	56.0	56.2	56.4	56.7	56.8	56.9	57.5
IV 1500	44.6	47.8	53.1	57.2	57.7	60.0	60.8	61.0	62.1	62.3	62.5	62.8	62.9	63.0	63.6
IV 1200	45.7	49.3	54.8	59.1	59.6	62.6	63.0	63.3	64.9	65.1	65.3	65.6	65.7	65.8	66.4
IV 1000	47.8	52.0	58.5	63.2	64.1	67.8	68.9	69.1	70.5	70.8	71.1	71.4	71.5	71.6	72.2
IV 900	48.7	53.0	59.7	64.7	65.6	69.1	70.6	70.9	72.5	72.9	73.2	73.5	73.6	73.7	74.3
IV 800	49.4	53.9	61.0	66.4	67.3	70.9	72.6	72.8	74.6	75.1	75.5	75.8	75.9	76.0	76.6
IV 700	49.9	54.6	61.8	67.5	68.5	72.3	74.2	74.5	76.5	77.1	77.6	77.9	78.0	78.1	78.7
IV 600	50.1	54.9	62.5	68.6	69.7	73.9	76.4	76.7	79.1	79.7	80.2	80.6	80.8	80.9	81.5
IV 500	50.2	55.1	62.8	69.0	70.2	74.8	77.8	78.3	81.3	82.0	82.6	83.0	83.4	83.5	84.1
IV 400	50.3	55.4	63.3	69.6	70.8	76.3	79.5	80.2	84.2	85.3	86.4	87.3	87.9	88.0	88.6
IV 300	50.3	55.4	63.3	69.7	71.0	77.0	80.3	81.2	85.9	87.0	88.5	89.9	90.7	91.0	92.6
IV 200	50.4	55.4	63.3	69.8	71.0	77.0	80.4	81.2	85.9	87.1	89.0	90.9	91.9	92.3	95.1
IV 100	50.4	55.5	63.4	69.8	71.1	77.1	80.4	81.3	86.0	87.2	89.0	91.1	92.2	92.8	97.0
IV 0	50.4	55.5	63.4	69.8	71.1	77.1	80.4	81.3	86.0	87.3	89.1	91.5	92.6	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2500

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 466572

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	11.7	14.1	16.7	18.2	18.5	20.1	21.3	21.4	22.3	22.4	22.4	22.9	23.0	23.0	23.0	23.2
IV 18000	13.4	15.9	18.9	20.5	20.9	22.5	23.8	23.8	24.8	24.9	24.9	25.3	25.5	25.5	25.7	25.7
IV 16000	13.4	15.9	18.9	20.5	20.9	22.5	23.8	23.8	24.8	24.9	24.9	25.3	25.5	25.5	25.7	25.7
IV 14000	13.4	15.9	18.9	20.5	20.9	22.5	23.8	23.8	24.8	24.9	24.9	25.3	25.5	25.5	25.7	25.7
IV 12000	13.4	15.9	19.0	20.6	21.0	22.5	23.8	23.9	24.8	24.9	24.9	25.3	25.5	25.5	25.7	25.7
IV 10000	13.6	16.3	19.4	21.1	21.5	23.2	24.5	24.5	25.4	25.5	25.6	26.0	26.2	26.2	26.4	26.4
IV 9000	13.8	16.5	19.7	21.3	21.7	23.4	24.7	24.7	25.7	25.8	25.8	26.3	26.4	26.4	26.6	26.6
IV 8000	14.9	17.7	21.1	22.8	23.2	25.1	26.5	26.5	27.6	27.7	27.7	28.2	28.3	28.3	28.5	28.5
IV 7000	15.9	18.7	22.4	24.6	25.0	27.0	28.5	28.5	29.5	29.6	29.7	30.1	30.3	30.3	30.5	30.5
IV 6000	17.0	19.9	23.9	26.2	26.7	28.7	30.3	30.4	31.5	31.6	31.6	32.1	32.3	32.3	32.5	32.5
IV 5000	17.3	20.3	24.5	26.8	27.3	29.3	31.0	31.0	32.1	32.2	32.3	32.7	32.9	32.9	33.1	33.1
IV 4500	17.9	21.0	25.2	27.6	28.1	30.1	31.9	31.9	33.1	33.2	33.3	33.8	33.9	33.9	34.1	34.1
IV 4000	18.4	21.7	26.0	28.6	29.0	31.4	33.2	33.2	34.5	34.6	34.6	35.1	35.2	35.2	35.4	35.4
IV 3500	19.5	22.8	27.2	29.8	30.4	32.9	34.7	34.6	36.1	36.2	36.2	36.7	36.8	36.8	37.0	37.0
IV 3000	20.8	24.3	29.3	32.1	32.7	35.7	37.6	37.7	39.0	39.1	39.1	39.6	39.8	39.8	39.8	40.0
IV 2500	23.4	27.4	33.0	35.8	36.4	39.4	41.4	41.5	42.9	43.0	43.1	43.6	43.7	43.7	43.9	43.9
IV 2000	25.4	29.6	36.0	39.0	39.7	42.9	45.0	45.1	46.5	46.7	46.8	47.3	47.4	47.4	47.6	47.6
IV 1800	25.8	30.0	36.5	39.4	40.1	43.3	45.5	45.5	47.1	47.2	47.3	47.8	48.0	48.0	48.1	48.1
IV 1500	28.1	32.9	39.7	43.0	43.9	47.3	49.7	49.7	51.7	51.9	52.0	52.5	52.7	52.7	52.9	52.9
IV 1200	29.2	34.0	41.0	44.6	45.6	49.3	51.9	52.0	54.3	54.5	54.6	55.2	55.4	55.4	55.6	55.6
IV 1000	31.7	37.5	46.2	50.6	51.8	56.4	59.6	59.8	62.8	63.4	63.5	64.5	64.7	64.7	64.9	64.9
IV 900	32.0	38.0	47.0	51.6	52.9	57.9	61.4	61.5	64.8	65.3	65.5	66.5	66.8	66.8	67.0	67.0
IV 800	32.9	38.2	48.3	54.7	56.3	61.8	65.8	65.9	70.4	71.2	71.4	72.6	72.9	72.9	73.1	73.1
IV 700	33.3	39.8	50.0	56.2	58.0	64.5	68.1	69.3	74.6	75.5	75.7	77.0	77.3	77.3	77.5	77.5
IV 600	34.0	40.7	51.4	57.9	60.1	67.4	72.3	72.7	78.4	79.4	79.5	80.9	81.1	81.1	81.3	81.3
IV 500	34.3	41.1	52.1	58.9	61.3	69.4	75.1	75.7	82.3	83.5	83.7	85.3	85.9	86.0	86.2	86.2
IV 400	34.4	41.2	52.3	59.3	61.7	70.1	76.2	76.9	85.0	86.8	87.2	89.1	90.1	90.2	90.4	90.4
IV 300	34.4	41.2	52.5	59.4	61.8	70.5	76.7	77.4	85.9	87.8	88.8	91.0	92.4	92.8	93.2	93.2
IV 200	34.4	41.2	52.5	59.5	61.9	70.5	76.9	77.5	86.2	88.2	89.5	91.9	93.6	94.7	95.8	95.8
IV 100	34.4	41.2	52.5	59.5	61.9	70.5	76.9	77.5	86.2	88.2	89.5	92.0	93.7	95.1	97.4	97.4
IV 0	34.6	41.3	52.6	59.7	62.1	70.8	77.1	77.8	86.4	88.5	89.8	92.3	94.3	96.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

3026

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATISTICS																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	
NO CEILING		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 20000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 18000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 16000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 14000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 12000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 10000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 9000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 8000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 7000		21.5	32.3	37.6	40.9	40.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 6000		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 5000		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 4500		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 4000		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 3500		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 3000		24.7	38.7	44.1	47.3	47.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 2500		24.7	41.9	47.3	50.5	50.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 2000		28.0	43.2	50.5	53.8	53.8	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1800		28.0	45.2	50.5	53.8	53.8	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1500		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1200		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1000		33.3	54.8	61.3	64.5	63.6	75.3	78.5	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 900		33.3	54.8	61.3	64.5	63.6	75.3	78.5	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 800		33.3	54.8	61.3	67.7	68.8	79.6	82.8	83.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 700		33.3	54.8	61.3	67.7	68.8	79.6	82.8	83.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 600		33.3	54.8	61.3	67.7	68.8	79.6	82.8	83.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 500		33.3	54.8	61.3	71.0	72.0	82.8	86.0	87.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 400		33.3	54.8	61.3	71.0	72.0	82.8	86.0	87.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 300		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 200		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 100		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 0		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6

TOTAL NUMBER OF OBSERVATIONS

93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KAITERSBACH 47,71

MAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2300-0300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.3	24.4	25.2	36.2	36.2	40.2	40.2	42.5	42.5	44.1	44.1	44.1	44.9	44.9	44.9	44.9
≥ 20000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 18000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 16000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 14000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 12000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 10000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 9000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 8000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
IV 7000	17.3	24.4	25.2	37.8	37.8	41.7	42.5	44.9	44.9	46.5	46.5	46.5	47.2	47.2	47.2	47.2
IV 6000	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
IV 5000	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
IV 4500	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
IV 4000	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
IV 3500	17.3	26.8	27.6	40.2	40.2	44.9	45.7	48.0	48.0	49.6	49.6	49.6	50.4	50.4	50.4	50.4
IV 3000	17.3	26.8	27.6	40.9	40.9	46.5	47.2	47.6	49.6	51.2	51.2	51.2	52.0	52.0	52.0	52.0
IV 2500	22.0	32.3	33.1	46.5	46.5	52.0	52.0	55.1	55.1	56.7	56.7	56.7	57.5	57.5	57.5	57.5
IV 2000	24.4	35.4	38.6	52.8	52.8	59.8	61.4	63.8	63.8	65.4	65.4	65.4	66.1	66.1	66.1	66.1
IV 1800	24.4	35.4	38.6	52.8	52.8	59.8	61.4	63.8	63.8	65.4	65.4	65.4	66.1	66.1	66.1	66.1
IV 1500	27.6	39.4	42.5	58.3	58.3	65.4	67.7	70.1	70.1	71.7	71.7	72.4	73.2	73.2	73.2	73.2
IV 1200	27.6	39.4	42.5	58.3	58.3	65.4	67.7	70.1	70.1	71.7	71.7	72.4	73.2	73.2	73.2	73.2
IV 1000	29.9	41.7	44.9	61.4	61.4	68.5	74.8	77.2	78.0	79.5	79.5	80.2	81.0	81.0	81.0	81.0
IV 900	29.9	41.7	44.9	61.4	61.4	68.5	74.8	77.2	78.0	79.5	79.5	80.2	81.0	81.0	81.0	81.0
IV 800	29.9	41.7	44.9	64.6	64.6	74.0	80.3	82.7	83.5	85.0	85.0	85.0	85.8	85.8	85.8	85.8
IV 700	29.9	41.7	44.9	64.6	64.6	74.0	80.3	82.7	83.5	85.0	85.0	85.0	85.8	85.8	85.8	85.8
IV 600	29.9	41.7	44.9	64.6	64.6	74.0	80.3	82.7	83.5	85.0	85.0	85.0	85.8	85.8	85.8	85.8
IV 500	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.2	93.2	93.2	96.1	96.1	96.1	96.1
IV 400	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.2	93.2	93.2	96.1	96.1	96.1	96.1
IV 300	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.2	93.2	93.2	96.1	96.1	96.1	96.1
IV 200	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	93.7	96.9	96.9	96.9	97.6	97.6	97.6	97.6
IV 100	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	93.7	96.9	96.9	96.9	97.6	97.6	97.6	97.6
IV 0	29.9	44.1	47.2	70.1	70.1	80.3	86.6	90.6	94.5	97.6	97.6	97.6	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 127

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		10.6	13.1	16.0	21.6	21.8	23.6	24.5	25.5	26.3	26.3	26.3	26.3	27.5	27.7	28.4
≥ 20000		11.5	14.0	17.3	22.8	23.0	24.8	25.7	27.0	27.9	27.9	28.1	28.1	29.3	29.5	30.4
IV ≥ 18000		11.5	14.0	17.3	22.8	23.0	24.8	25.7	27.0	27.9	27.9	28.1	28.1	29.3	29.5	30.4
IV ≥ 16000		11.5	14.0	17.3	22.8	23.0	24.8	25.7	27.0	27.9	27.9	28.1	28.1	29.3	29.5	30.4
IV ≥ 14000		11.7	14.2	17.4	23.0	23.2	25.0	25.9	27.2	28.1	28.1	28.2	28.2	29.5	29.7	30.6
IV ≥ 12000		11.7	14.2	17.4	23.0	23.2	25.0	25.9	27.2	28.1	28.1	28.2	28.2	29.5	29.7	30.6
IV ≥ 10000		11.7	14.2	17.4	23.0	23.2	25.0	25.9	27.2	28.1	28.1	28.2	28.2	29.5	29.7	30.6
IV ≥ 9000		11.9	14.4	17.6	23.2	23.4	25.2	26.1	27.3	28.2	28.2	28.4	28.4	29.7	29.9	30.9
IV ≥ 8000		12.4	14.9	18.3	23.9	24.1	26.4	27.3	28.6	29.7	29.7	30.2	30.2	31.5	31.8	32.9
IV ≥ 7000		13.3	15.8	20.5	26.4	26.6	29.0	30.0	31.3	32.6	32.6	33.1	33.1	34.4	34.7	35.8
IV ≥ 6000		14.2	16.9	21.8	27.7	27.9	30.8	31.8	33.1	34.4	34.4	34.9	34.9	36.2	36.5	37.5
IV ≥ 5000		14.2	16.9	22.3	28.6	28.8	31.7	33.3	34.5	36.2	36.2	36.9	36.9	38.1	38.5	39.6
IV ≥ 4500		14.2	16.9	22.3	28.8	29.0	31.8	33.5	34.7	36.3	36.3	37.1	37.1	38.3	38.7	39.7
IV ≥ 4000		14.4	17.1	22.7	29.1	29.5	32.7	34.4	35.6	37.2	37.2	37.9	37.9	39.2	39.6	40.6
IV ≥ 3500		14.9	17.9	23.4	29.9	30.6	33.8	35.4	36.7	38.3	38.3	39.0	39.0	40.3	40.6	41.7
IV ≥ 3000		15.5	18.3	24.5	31.7	32.6	35.8	37.4	38.7	40.6	40.6	41.4	41.4	42.6	43.0	44.1
IV ≥ 2500		17.1	20.0	26.5	34.0	34.9	38.3	40.3	41.5	43.5	43.5	44.2	44.2	45.5	45.9	46.9
IV ≥ 2000		18.9	22.7	29.7	38.3	39.4	43.9	46.2	47.5	49.5	49.5	50.2	50.2	51.4	51.8	52.9
IV ≥ 1800		18.9	22.7	30.0	38.7	39.7	44.2	46.6	47.8	49.8	49.8	50.5	50.5	51.8	52.2	53.2
IV ≥ 1500		19.4	23.2	30.6	39.6	40.6	45.7	48.9	50.4	52.7	52.7	53.6	53.6	54.9	55.2	56.3
IV ≥ 1200		20.0	24.3	31.8	41.0	42.4	47.7	51.3	52.7	55.4	55.4	56.3	56.3	57.6	57.9	59.0
IV ≥ 1000		21.8	26.4	34.2	43.5	45.3	51.4	55.8	57.2	60.1	60.1	61.0	61.2	62.8	63.1	64.2
IV ≥ 900		22.3	27.0	35.1	44.8	46.6	52.7	57.6	59.0	62.4	62.4	63.3	63.7	65.3	65.6	66.7
IV ≥ 800		22.5	27.3	35.4	46.0	47.8	54.3	59.4	60.8	64.9	64.9	66.0	66.2	67.8	68.2	69.2
IV ≥ 700		22.7	27.7	36.0	46.8	48.6	55.2	61.0	62.4	67.4	67.4	68.0	69.1	69.2	70.9	71.2
IV ≥ 600		22.7	27.7	36.7	47.5	50.0	57.9	64.0	65.5	70.9	71.6	72.7	73.0	74.6	75.0	76.1
IV ≥ 500		22.7	28.1	37.1	48.7	51.4	61.2	69.4	71.0	78.4	79.3	80.9	81.7	83.3	83.6	84.7
IV ≥ 400		22.7	28.1	37.1	48.9	51.6	61.9	70.9	72.5	80.0	80.9	82.7	83.6	85.3	85.6	86.7
IV ≥ 300		22.7	28.1	37.1	48.9	51.6	61.9	70.9	72.5	82.4	84.0	86.3	87.9	91.4	91.9	93.9
IV ≥ 200		22.7	28.1	37.1	48.9	51.6	61.9	71.2	73.0	83.3	84.9	87.2	88.8	92.3	92.8	96.0
IV ≥ 100		22.7	28.1	37.1	48.9	51.6	61.9	71.2	73.0	83.3	84.9	87.2	89.0	92.4	93.9	98.4
IV ≥ 0		22.7	28.1	37.1	48.9	51.6	61.9	71.2	73.0	83.3	84.9	87.2	89.0	92.6	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS

556

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 2000'		10.4	12.5	15.2	17.8	18.5	21.5	22.9	24.4	25.1	25.4	25.6	25.6	25.8	25.9	26.1
≥ 1800'		11.6	13.8	16.5	19.4	20.2	24.1	26.3	27.8	28.5	29.0	29.1	29.5	29.8	30.1	30.3
≥ 1600'		11.6	13.8	16.5	19.4	20.2	24.1	26.3	27.8	28.5	29.0	29.1	29.5	29.8	30.1	30.3
≥ 1400'		11.8	14.0	16.7	19.5	20.4	24.2	26.4	27.9	28.6	29.1	29.3	29.6	30.0	30.3	30.5
≥ 1200'		11.9	14.0	16.7	19.5	20.4	24.2	26.4	27.9	28.6	29.1	29.3	29.6	30.0	30.3	30.5
IV 10000		11.8	14.0	16.7	19.5	20.4	24.2	26.4	27.9	28.6	29.1	29.3	29.6	30.0	30.3	30.5
IV 5000'		12.1	14.3	17.0	20.0	20.9	24.7	26.9	28.5	29.1	29.6	29.8	30.1	30.5	30.8	31.0
IV 8000		13.3	15.7	18.7	22.2	23.1	27.1	29.3	30.8	31.5	32.3	32.5	32.8	33.2	33.5	33.7
IV 7000		14.1	16.7	20.7	24.2	25.1	29.3	32.0	33.8	34.8	35.5	35.7	36.0	36.4	36.7	36.9
IV 6000		15.5	18.0	21.5	25.8	26.6	30.8	34.0	35.9	36.9	37.7	37.9	38.2	38.6	38.9	39.1
IV 5000		16.3	18.9	23.2	27.8	28.8	33.2	34.5	38.4	40.2	41.1	41.2	41.6	41.9	42.2	42.4
IV 4500		16.7	19.2	23.6	28.1	29.5	34.0	37.4	39.2	41.1	41.9	42.1	42.4	42.8	43.1	43.3
IV 4000		17.2	19.7	24.9	29.5	31.0	35.5	39.1	40.9	42.9	43.8	43.9	44.3	44.8	45.1	45.3
IV 3500		17.3	20.0	25.3	29.8	31.3	35.9	39.4	41.2	43.3	44.1	44.3	44.6	45.1	45.5	45.6
IV 3000		19.0	21.9	27.6	32.2	33.7	38.4	41.9	43.8	46.0	46.8	47.0	47.3	47.8	48.1	48.3
IV 2500		20.4	23.4	29.1	33.7	35.4	40.4	44.4	46.3	48.5	49.5	49.7	50.0	50.5	50.8	51.0
IV 2000		21.5	24.7	31.3	36.2	37.9	43.4	47.6	49.5	51.7	52.7	52.9	53.4	53.9	54.2	54.4
IV 1800		21.5	24.7	31.3	36.2	38.2	43.8	48.3	50.2	52.4	53.4	53.5	54.0	54.5	54.9	55.1
IV 1500		21.9	25.8	32.7	37.9	40.1	46.3	50.8	52.9	55.4	56.4	56.6	57.1	57.6	57.9	58.1
IV 1200		23.2	27.4	34.5	40.1	42.9	49.8	54.9	56.9	59.6	60.8	60.9	61.4	62.0	62.3	62.5
IV 1000		24.2	28.8	36.2	42.1	45.3	52.9	58.4	60.6	64.0	65.8	66.0	67.0	67.5	67.8	68.0
IV 900		24.4	29.0	36.9	42.8	46.0	53.5	59.1	61.3	64.8	66.7	66.8	67.8	69.4	68.7	68.9
IV 800		25.3	30.1	38.2	44.3	47.5	55.2	61.6	64.0	67.5	69.4	69.5	70.5	71.0	71.4	71.5
IV 700		25.8	31.1	39.4	45.8	49.0	57.2	63.5	67.8	71.7	73.9	74.1	75.3	75.8	76.1	76.3
IV 600		25.9	31.6	40.2	46.6	50.0	58.9	67.8	70.4	75.3	77.4	77.9	79.3	79.8	80.1	80.3
IV 500		25.9	31.6	40.7	47.3	50.7	60.6	70.9	73.4	79.6	82.8	84.3	85.9	86.5	87.0	87.2
IV 400		25.9	31.6	40.9	47.5	50.8	60.8	71.4	73.9	80.8	84.0	85.9	87.7	87.4	89.9	90.1
IV 300		25.9	31.6	40.9	47.5	50.8	60.9	71.5	74.1	82.5	86.4	88.6	90.9	94.1	94.6	95.6
IV 200		25.9	31.6	40.9	47.5	50.8	60.9	71.5	74.1	82.5	86.4	88.6	91.1	94.6	95.6	97.3
IV 100		25.9	31.6	40.9	47.5	50.8	60.9	71.5	74.1	82.5	86.4	88.6	91.1	94.6	95.6	98.8
IV 0		26.1	32.0	41.1	47.6	51.0	61.1	71.7	74.2	82.7	86.5	88.7	91.2	94.8	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS

594

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3
NO CEILING ≥ 70000	10.8	12.3	14.1	17.3	18.5	20.8	22.0	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IV ≥ 18000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8
IV ≥ 16000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8
IV ≥ 14000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8
IV ≥ 12000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8
IV ≥ 10000	13.4	15.1	17.3	20.6	22.3	25.6	27.4	27.8	28.3	28.5	28.5	28.5	28.5	28.5	28.5
IV ≥ 9000	14.1	15.8	18.0	21.3	23.2	26.2	28.1	28.5	29.0	29.2	29.2	29.2	29.2	29.2	29.2
IV ≥ 8000	15.3	17.0	19.4	22.8	25.2	28.3	30.2	30.5	31.4	31.7	31.7	31.7	31.7	31.7	31.7
IV ≥ 7000	17.3	19.0	22.0	25.7	28.1	31.6	33.6	34.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3
IV ≥ 6500	18.9	20.6	23.8	28.3	30.7	34.3	37.2	37.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9
IV ≥ 5000	20.2	22.0	26.4	31.2	33.8	37.6	40.5	40.8	42.4	42.7	42.7	42.7	42.7	42.7	42.9
IV ≥ 4500	20.9	22.6	27.1	31.9	35.0	38.8	41.7	42.0	43.6	43.9	43.9	43.9	43.9	43.9	44.1
IV ≥ 4000	21.1	23.2	28.0	32.8	36.0	39.8	42.7	43.1	44.6	44.9	44.9	44.9	44.9	44.9	45.1
IV ≥ 3500	22.1	24.4	29.3	34.6	37.9	41.7	44.6	44.9	46.5	46.8	46.8	46.8	46.8	46.8	47.0
IV ≥ 3000	23.2	25.4	30.5	36.2	40.1	44.3	47.3	48.2	49.7	50.1	50.1	50.1	50.1	50.1	50.3
IV ≥ 2500	24.5	26.9	32.8	38.8	42.7	47.0	50.3	50.9	52.5	52.8	52.8	52.8	52.8	52.8	53.0
IV ≥ 2000	27.1	29.7	35.8	42.4	46.5	50.8	54.2	54.9	56.4	56.8	56.8	56.8	56.8	56.8	56.9
IV ≥ 1800	27.4	30.0	36.2	42.7	46.8	51.3	54.7	55.4	56.9	57.3	57.3	57.3	57.3	57.3	57.5
IV ≥ 1500	30.0	32.8	38.9	45.6	49.7	55.1	58.5	59.2	61.2	61.6	61.6	61.6	61.6	61.6	61.7
IV ≥ 1200	31.7	34.5	41.2	48.2	52.3	57.8	61.4	62.1	64.2	64.5	64.5	64.5	64.5	64.5	64.7
IV ≥ 1000	33.1	36.0	43.6	51.3	55.4	61.7	66.4	67.2	70.3	70.8	70.8	70.8	70.8	70.8	71.0
IV ≥ 900	33.3	36.7	44.9	53.2	57.6	64.3	69.1	70.0	73.1	73.6	73.6	73.6	73.6	73.6	73.8
IV ≥ 800	34.3	37.9	46.7	55.2	59.7	66.6	71.5	72.6	75.6	76.2	76.2	76.2	76.2	76.2	76.3
IV ≥ 700	34.8	38.6	48.2	56.9	61.6	68.8	76.3	77.4	80.4	81.3	81.3	81.3	81.3	81.3	81.8
IV ≥ 600	35.2	39.3	49.1	57.8	62.8	70.5	78.4	79.4	82.7	83.5	84.0	84.4	84.4	84.4	84.6
IV ≥ 500	35.5	39.6	49.6	58.5	63.8	71.7	80.8	81.8	87.3	89.7	89.7	89.7	89.7	89.7	90.2
IV ≥ 400	35.5	39.6	49.6	58.5	63.8	71.9	82.3	83.3	89.2	91.6	92.5	92.8	93.7	94.2	94.7
IV ≥ 300	35.5	39.6	49.6	58.5	63.8	71.9	82.3	83.3	90.7	93.8	94.7	95.5	96.6	97.1	97.8
IV ≥ 200	35.5	39.6	49.6	58.5	63.8	71.9	82.3	83.3	90.7	93.8	94.7	95.7	96.7	97.5	99.3
IV ≥ 100	35.5	39.6	49.6	58.5	63.8	71.9	82.3	83.3	90.7	93.8	94.7	95.7	96.7	97.8	99.7
IV n	35.5	39.6	49.6	58.7	64.0	72.0	82.7	83.7	90.9	94.0	94.9	95.9	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS

533

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/WAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING		11.8	13.8	14.6	17.4	17.9	19.5	21.6	22.1	22.5	22.5	22.5	22.6	22.6	22.6	22.6
≥2000		14.5	15.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥18000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥16000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥14000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥12000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥10000		15.5	17.4	19.7	23.2	23.7	26.0	28.4	29.9	29.4	29.4	29.4	29.6	29.6	29.6	29.6
≥9000		16.0	17.9	20.3	23.7	24.2	26.5	28.9	29.4	30.0	30.0	30.0	30.1	30.1	30.1	30.1
≥8000		16.7	18.6	21.8	25.4	25.8	28.7	31.2	31.7	32.4	32.4	32.4	32.6	32.6	32.6	32.6
≥7000		18.8	20.9	24.2	28.2	29.4	32.2	35.0	35.5	36.2	36.2	36.2	36.4	36.4	36.4	36.4
≥6000		21.1	23.9	27.4	32.1	33.6	36.6	39.9	40.4	41.1	41.1	41.1	41.3	41.3	41.3	41.3
≥5000		22.6	25.6	30.1	35.2	36.9	40.1	43.4	43.9	44.6	44.6	44.6	44.8	44.8	44.8	44.8
≥4500		22.6	25.5	30.1	35.2	37.5	40.6	43.9	44.4	45.1	45.1	45.1	45.3	45.3	45.3	45.3
≥4000		23.3	26.7	31.2	36.2	38.7	41.8	45.1	45.6	46.3	46.3	46.3	46.5	46.5	46.5	46.5
≥3500		23.3	26.7	32.1	37.3	37.7	42.9	46.2	46.7	47.4	47.4	47.4	47.6	47.6	47.6	47.6
≥3000		24.9	28.6	34.8	40.6	43.2	46.3	50.0	50.5	51.2	51.4	51.4	51.6	51.6	51.6	51.6
≥2500		26.5	30.8	37.6	43.7	46.5	49.7	53.3	53.8	54.7	54.9	54.9	55.1	55.1	55.1	55.1
≥2000		28.4	32.9	40.4	47.0	50.2	53.3	57.0	57.5	58.4	58.5	58.5	58.7	58.7	58.7	58.7
≥1800		28.4	32.9	40.4	47.0	50.2	53.3	57.0	57.5	58.4	58.5	58.5	58.7	58.7	58.7	58.7
≥1500		31.2	36.2	44.1	51.0	54.4	58.4	62.0	62.5	63.6	63.8	63.8	63.9	63.9	63.9	63.9
≥1200		32.6	37.6	45.5	52.6	55.9	60.3	64.3	65.0	66.0	66.2	66.2	66.4	66.4	66.4	66.4
≥1000		34.3	39.4	48.6	56.6	60.1	65.9	70.4	71.1	72.1	72.3	72.3	72.5	72.5	72.5	72.5
≥900		34.5	40.1	49.5	57.5	61.0	67.2	71.8	72.5	73.5	73.7	73.7	73.9	73.9	73.9	73.9
≥800		35.2	40.9	51.0	59.1	62.9	69.5	74.6	75.4	76.7	77.7	77.7	77.9	77.9	77.9	77.9
≥700		35.9	41.6	51.9	60.3	64.5	72.6	79.3	80.1	82.4	83.6	83.6	84.0	84.1	84.1	84.1
≥600		35.9	42.0	52.4	60.8	65.0	73.2	80.3	81.4	84.3	86.1	86.1	86.4	86.6	86.6	86.6
≥500		36.4	42.5	53.5	61.8	66.0	74.6	82.8	83.8	89.0	91.8	92.0	92.5	92.7	92.7	93.0
≥400		36.4	42.5	53.7	62.0	66.2	75.1	83.3	84.3	90.9	93.9	94.1	94.6	94.9	94.9	95.3
≥300		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	91.8	95.1	95.3	95.8	95.9	96.5	96.9
≥200		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	92.2	95.5	95.5	96.2	96.9	97.2	97.9
≥100		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	92.2	95.5	95.6	96.2	96.9	97.2	99.3
≥0		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	92.2	95.5	95.6	96.2	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

574

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

STATION NO. 34175 STATION NAME ANSBACH AAF GERMANY/KATTERBACH 47.66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	0
NO CEILING																
≥ 20000		13.7	17.6	20.7	23.4	27.0	28.1	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
IV 18000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 16000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 14000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 12000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 10000		15.6	19.3	23.4	29.3	30.9	32.8	36.3	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7
IV 9000		16.8	20.7	24.6	30.5	32.1	34.0	37.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
IV 8000		18.0	21.9	25.8	31.6	34.0	35.9	39.8	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2
IV 7000		18.8	22.7	27.0	32.3	35.5	38.3	42.2	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.6
IV 6000		19.9	24.2	28.9	34.8	37.9	40.6	44.5	44.5	44.5	44.9	44.9	44.9	44.9	44.9	44.9
IV 5000		22.3	27.0	32.8	39.1	42.2	45.3	49.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6
IV 4500		22.3	27.0	32.8	39.1	42.2	45.3	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0
IV 4000		22.3	27.0	32.8	39.1	42.2	45.3	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0
IV 3500		22.3	27.0	32.8	39.1	42.2	45.3	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0
IV 3000		22.3	27.0	32.8	39.1	42.2	45.3	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0
IV 2500		23.4	28.1	35.2	44.1	47.7	53.1	57.4	57.4	57.4	57.8	57.8	57.8	58.2	58.2	58.2
IV 2000		24.6	30.1	37.5	46.5	50.8	56.3	60.5	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3
IV 1800		24.6	30.1	37.5	46.5	50.8	56.3	60.5	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3
IV 1500		28.1	34.0	41.8	50.8	55.5	62.1	66.8	66.8	66.8	67.2	67.2	67.2	67.6	67.6	67.6
IV 1200		28.1	34.0	42.2	52.0	56.6	63.3	68.4	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.1
IV 1000		29.3	36.3	44.9	55.9	60.9	69.1	74.2	74.2	74.2	75.8	76.2	76.2	76.6	76.6	76.6
IV 900		29.3	36.7	45.3	56.6	61.7	69.9	75.4	75.4	75.4	77.3	77.7	77.7	78.1	78.1	78.1
IV 800		29.3	36.7	45.7	57.4	62.5	70.7	77.0	77.0	77.0	79.7	80.9	80.9	81.3	81.3	81.3
IV 700		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5
IV 600		29.7	37.1	46.5	58.2	63.7	73.0	80.5	80.5	80.5	83.2	84.8	84.8	85.2	85.5	85.5
IV 500		29.7	37.1	46.5	58.6	64.1	73.4	81.3	81.3	81.3	87.9	91.8	91.8	92.2	92.6	92.6
IV 400		29.7	37.1	46.5	59.0	64.5	74.2	82.0	82.0	82.0	90.2	94.1	94.1	94.5	94.9	95.3
IV 300		29.7	37.1	46.5	59.0	64.5	74.2	82.0	82.0	82.0	90.2	94.1	94.1	94.5	94.9	95.3
IV 200		29.7	37.1	46.5	59.0	64.5	74.2	82.4	82.4	82.4	90.6	94.5	94.5	95.3	95.7	96.1
IV 100		29.7	37.1	46.5	59.0	64.5	74.2	82.4	82.4	82.4	90.6	94.5	94.5	95.3	95.7	96.1
IV 0		29.7	37.1	46.5	59.0	64.5	74.2	82.4	82.4	82.4	90.6	94.5	94.5	95.3	95.7	96.1

TOTAL NUMBER OF OBSERVATIONS

256

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

36172 ANSBACH AAF GERMANY/KATTERBACH 47

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 18000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 14000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 10000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 8000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 7000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 6000		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 5000		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 4500		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 4000		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 3500		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 3000		24.7	35.5	41.9	52.7	52.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	58.1	58.1	58.1
IV 2500		24.7	35.5	41.9	52.7	52.7	57.0	60.2	60.2	60.2	60.2	60.2	60.2	61.3	61.3	61.3
IV 2000		29.0	40.9	47.3	58.1	58.1	62.4	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7
IV 1800		29.0	40.9	47.3	58.1	58.1	62.4	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7
IV 1500		36.6	50.5	58.1	68.8	68.8	73.1	76.3	76.3	76.3	77.4	77.4	77.4	78.5	78.5	78.5
IV 1200		36.6	50.5	58.1	68.8	68.8	73.1	76.3	76.3	76.3	77.4	77.4	77.4	78.5	78.5	78.5
IV 1000		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	80.6	81.7	81.7	82.9	82.9	82.9
IV 900		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	80.6	81.7	81.7	82.9	82.9	82.9
IV 800		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	80.6	81.7	81.7	82.9	82.9	82.9
IV 700		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	80.6	81.7	81.7	82.9	82.9	82.9
IV 600		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	80.6	81.7	81.7	82.9	82.9	82.9
IV 500		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
IV 400		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
IV 300		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
IV 200		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
IV 100		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
IV 0		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

93

1

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 AASBACH AAF GERMANY/KATTERRACH 47

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	
NO CEILING		2.5	18.5	25.9	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	32.1	32.1
≥ 20000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 18000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 16000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 14000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 12000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 10000		6.2	24.7	32.1	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	38.3	38.3
IV 9000		6.2	24.7	32.1	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	38.3	38.3
IV 8000		8.6	27.2	34.6	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	39.5	39.5	42.0
IV 7000		8.6	27.2	38.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	43.2	43.2	45.7
IV 6000		12.3	30.9	42.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.9	46.9	49.4
IV 5000		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	50.6	53.1
IV 4500		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	50.6	53.1
IV 4000		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	50.6	53.1
IV 3500		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	50.6	53.1
IV 3000		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	50.6	53.1
IV 2500		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.9	51.9	54.3	54.3
IV 2000		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	53.1	53.1	53.1	53.1	54.3	54.3	56.8	56.8
IV 1800		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	53.1	53.1	53.1	53.1	54.3	54.3	56.8	56.8
IV 1500		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	59.3	59.3	59.3	59.3	60.5	60.5	63.0	63.0
IV 1200		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	60.5	60.5	60.5	60.5	61.7	61.7	64.2	64.2
IV 1000		12.3	33.3	50.6	59.3	59.3	59.3	59.3	59.3	72.8	72.8	72.8	72.8	74.1	74.1	76.5	76.5
IV 900		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	84.0	84.0	84.0	84.0	85.2	85.2	87.7	87.7
IV 800		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	88.9	88.9	88.9	88.9	90.1	90.1	92.6	92.6
IV 700		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	88.9	88.9	88.9	88.9	90.1	90.1	92.6	92.6
IV 600		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	88.9	88.9	88.9	88.9	90.1	90.1	92.6	92.6
IV 500		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	92.6	92.6	92.6	92.6	93.8	93.8	96.3	96.3
IV 400		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	92.6	92.6	92.6	92.6	93.8	93.8	96.3	96.3
IV 300		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	92.6	92.6	92.6	92.6	93.8	93.8	96.3	96.3
IV 200		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	92.6	92.6	92.6	92.6	93.8	93.8	96.3	96.3
IV 100		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	92.6	92.6	92.6	92.6	93.8	93.8	96.3	96.3
IV 0		12.3	33.3	50.6	59.3	60.5	63.0	66.7	66.7	92.6	92.6	92.6	92.6	93.8	93.8	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS

81



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.7

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0300

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	22	21	20	19	18	17	16	15	14	13	
NO CEILING ≥ 20000		3.1	14.6	18.8	26.0	26.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
IV 18000		3.1	14.6	19.3	27.1	27.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 16000		3.1	14.6	19.8	27.1	27.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 14000		3.1	14.6	20.8	28.1	28.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 12000		3.1	14.6	20.8	28.1	28.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 10000		6.3	17.7	25.0	32.3	32.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 9000		6.3	17.7	25.3	32.3	32.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 8000		7.3	18.8	26.0	33.3	33.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	36.5	36.5	38.5	38.5
IV 7000		8.3	20.8	28.1	35.4	35.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	38.5	38.5	40.6	40.6
IV 6000		12.5	25.0	32.3	40.6	40.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	43.8	43.8	45.8	45.8
IV 5000		12.5	26.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.9	47.9	50.0	50.0
IV 4500		12.5	26.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.9	47.9	50.0	50.0
IV 4000		12.5	26.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.9	47.9	50.0	50.0
IV 3500		12.5	28.1	36.3	44.8	44.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	50.0	50.0	52.1	52.1
IV 3000		12.5	28.1	36.3	44.8	44.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	50.0	50.0	52.1	52.1
IV 2500		12.5	29.2	37.5	45.8	45.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.0	51.0	53.1	53.1
IV 2000		12.5	29.2	37.5	45.8	45.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.0	51.0	53.1	53.1
IV 1800		12.5	29.2	37.5	45.8	45.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.0	51.0	53.1	53.1
IV 1500		12.5	29.2	43.8	55.2	55.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.4	60.4	62.5	62.5
IV 1200		12.5	29.2	43.8	55.2	55.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.4	60.4	62.5	62.5
IV 1000		12.5	29.2	46.9	58.3	58.3	63.5	63.5	66.7	66.7	66.7	66.7	66.7	67.8	67.8	69.9	69.9
IV 900		12.5	29.2	46.9	58.3	58.3	66.7	66.7	69.8	69.8	69.8	69.8	69.8	70.9	70.9	72.9	72.9
IV 800		12.5	29.2	46.9	58.3	58.3	66.7	66.7	69.8	69.8	69.8	69.8	69.8	70.9	70.9	72.9	72.9
IV 700		12.5	29.2	46.9	58.3	58.3	66.7	66.7	69.8	69.8	69.8	69.8	69.8	70.9	70.9	72.9	72.9
IV 600		12.5	29.2	46.9	58.3	58.3	66.7	66.7	69.8	69.8	69.8	69.8	69.8	70.9	70.9	72.9	72.9
IV 500		12.5	29.2	46.9	60.4	60.4	68.8	68.8	71.9	71.9	71.9	71.9	71.9	72.9	72.9	74.9	74.9
IV 400		12.5	29.2	46.9	60.4	60.4	68.8	68.8	71.9	71.9	71.9	71.9	71.9	72.9	72.9	74.9	74.9
IV 300		12.5	29.2	46.9	60.4	60.4	69.8	69.8	72.9	72.9	72.9	72.9	72.9	73.9	73.9	75.9	75.9
IV 200		12.5	29.2	46.9	60.4	60.4	69.8	69.8	72.9	72.9	72.9	72.9	72.9	73.9	73.9	75.9	75.9
IV 100		12.5	29.2	46.9	60.4	60.4	69.8	69.8	72.9	72.9	72.9	72.9	72.9	73.9	73.9	75.9	75.9
IV 0		12.5	29.2	46.9	60.4	60.4	69.8	69.8	72.9	72.9	72.9	72.9	72.9	73.9	73.9	75.9	75.9

TOTAL NUMBER OF OBSERVATIONS

96

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

6600-0800

CEILING, FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	10.8	13.9	16.6	20.2	20.4	22.2	22.4	22.4	22.9	23.1	23.3	23.3	23.3	23.9	24.1	
IV 20000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	26.0	26.2	
IV 18000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	26.0	26.2	
IV 16000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	26.0	26.2	
IV 14000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	26.0	26.2	
IV 12000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	26.0	26.2	
IV 10000	12.1	15.6	18.7	22.5	22.7	24.7	24.9	24.9	25.4	25.6	25.8	25.8	25.8	26.4	26.6	
IV 9000	12.9	16.6	19.7	23.5	23.7	25.6	26.0	26.0	26.6	26.8	27.0	27.0	27.0	27.6	27.7	
IV 8000	14.8	18.5	22.2	26.0	26.2	28.1	28.5	28.7	29.3	29.7	29.9	29.9	29.9	30.4	30.6	
IV 7000	16.4	20.6	24.7	28.7	28.9	31.2	31.6	31.8	32.4	32.8	32.9	32.9	32.9	33.5	33.7	
IV 6000	19.2	24.1	28.1	32.2	32.4	35.3	35.6	35.8	36.6	37.0	37.2	37.2	37.2	37.8	38.0	
IV 5000	22.0	26.4	31.0	35.3	35.5	38.3	38.7	38.9	40.1	40.5	40.7	40.7	40.7	41.2	41.4	
IV 4500	22.0	26.4	31.2	35.5	35.6	38.5	38.9	39.1	40.3	40.7	40.8	40.8	40.8	41.4	41.6	
IV 4000	22.2	26.8	31.6	36.6	36.8	39.9	40.3	40.5	41.6	42.0	42.2	42.2	42.2	42.8	43.0	
IV 3500	23.9	29.3	34.1	39.9	40.1	43.4	43.7	43.9	45.1	45.5	45.7	45.7	45.7	46.2	46.4	
IV 3000	26.2	32.0	38.9	45.1	45.3	49.5	50.1	50.3	51.4	51.8	52.0	52.0	52.0	52.6	52.8	
IV 2500	27.2	32.9	40.1	46.4	46.8	51.8	52.6	52.8	54.1	54.5	54.7	54.7	54.7	55.3	55.5	
IV 2000	28.3	34.3	42.0	49.7	50.1	56.1	56.8	57.0	58.4	58.8	59.0	59.0	59.0	59.5	59.7	
IV 1800	28.3	34.3	42.2	49.9	50.3	56.3	57.0	57.2	58.6	59.0	59.2	59.2	59.2	59.7	59.9	
IV 1500	29.7	36.4	45.9	53.9	54.3	60.5	61.3	61.5	63.2	63.6	63.8	63.8	63.8	64.4	64.5	
IV 1200	30.6	37.6	47.2	55.9	56.5	63.8	64.5	64.7	67.6	68.2	68.4	68.4	68.4	69.0	69.2	
IV 1000	32.0	39.1	51.8	60.7	61.7	69.4	72.1	72.3	76.3	76.9	77.3	77.3	77.3	78.4	78.6	
IV 900	32.9	40.3	53.6	62.6	63.6	71.9	74.6	74.8	79.6	80.2	80.5	80.5	80.5	81.7	81.9	
IV 800	33.1	40.7	53.0	63.2	64.2	72.4	75.1	75.3	80.2	80.7	81.1	81.1	81.1	82.3	82.5	
IV 700	33.3	40.9	53.9	63.8	64.7	73.0	76.3	76.9	81.7	82.3	82.7	82.7	82.7	83.8	84.2	
IV 600	33.5	41.0	54.1	64.0	64.9	73.8	77.1	77.8	83.6	84.6	85.0	85.0	85.0	86.1	86.5	
IV 500	33.7	41.2	55.3	65.5	66.9	76.3	79.6	80.5	86.9	88.1	88.8	88.8	88.8	90.0	90.4	
IV 400	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.8	91.5	91.5	91.5	92.7	93.1	
IV 300	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	93.1	94.4	95.0
IV 200	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	93.1	94.8	96.3
IV 100	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	93.1	95.0	97.9
IV 0	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	93.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

519

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

47,56-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING																
IV 20000	10.9	14.2	16.1	17.3	17.7	20.2	20.0	20.6	21.2	21.2	21.2	21.2	21.4	21.4	21.7	
IV 18000	14.8	18.8	21.7	23.1	23.5	26.0	26.4	26.4	27.0	27.0	27.0	27.0	27.2	27.2	27.6	
IV 16000	14.8	18.8	21.7	23.1	23.5	26.0	26.4	26.4	27.0	27.0	27.0	27.0	27.2	27.2	27.6	
IV 14000	15.1	19.2	22.1	23.5	23.9	26.4	26.8	26.8	27.4	27.4	27.4	27.4	27.6	27.6	28.0	
IV 12000	15.1	19.2	22.1	23.5	23.9	26.4	26.8	26.8	27.4	27.4	27.4	27.4	27.6	27.6	28.0	
IV 10000	15.1	19.2	22.7	24.1	24.5	27.0	27.4	27.4	28.0	28.0	28.0	28.0	28.2	28.2	28.5	
IV 9000	15.5	19.6	23.1	24.7	25.0	27.6	28.3	28.3	28.9	28.9	28.9	28.9	29.1	29.1	29.5	
IV 8000	16.9	21.0	24.7	26.4	26.8	29.7	30.7	30.7	31.3	31.3	31.3	31.3	31.5	31.5	31.8	
IV 7000	21.0	25.4	29.3	31.3	31.7	34.8	35.7	35.7	36.5	36.5	36.5	36.5	36.7	36.7	37.1	
IV 6000	23.9	28.3	32.8	34.6	35.0	38.4	39.4	39.4	40.4	40.4	40.4	40.4	40.6	40.6	41.0	
IV 5000	25.4	29.9	34.6	36.5	36.9	40.6	41.7	41.7	42.9	42.9	42.9	42.9	43.1	43.1	43.5	
IV 4500	25.4	29.9	34.6	36.5	36.9	40.6	41.7	41.7	42.9	42.9	42.9	42.9	43.1	43.1	43.5	
IV 4000	27.0	31.5	36.5	38.4	38.8	42.9	44.1	44.1	45.2	45.2	45.2	45.2	45.4	45.4	45.8	
IV 3500	29.3	34.0	39.0	41.0	41.4	45.4	46.6	46.6	47.8	47.8	47.8	47.8	48.0	48.0	48.3	
IV 3000	31.8	37.1	43.9	45.8	46.2	51.8	53.2	53.2	54.4	54.4	54.4	54.4	54.6	54.6	55.0	
IV 2500	34.6	39.8	46.6	48.5	48.9	54.8	56.1	56.1	57.3	57.3	57.3	57.3	57.5	57.5	57.9	
IV 2000	35.5	41.4	48.7	51.5	52.2	59.2	61.0	61.0	62.1	62.1	62.1	62.1	62.3	62.3	62.7	
IV 1800	35.5	41.4	48.7	51.5	52.2	59.4	61.2	61.2	62.3	62.3	62.3	62.3	62.5	62.5	62.9	
IV 1500	36.5	42.7	50.3	53.0	53.8	61.0	63.5	63.5	64.9	64.9	64.9	64.9	65.0	65.0	65.6	
IV 1200	37.3	44.3	52.6	56.5	57.5	63.2	68.0	68.0	70.9	71.3	71.8	71.8	72.0	72.0	72.4	
IV 1000	40.0	47.4	56.3	61.2	62.1	69.9	73.4	73.4	77.3	77.7	78.3	78.3	78.4	78.4	78.8	
IV 900	40.8	48.2	57.1	61.9	62.9	71.3	74.8	74.8	79.2	79.6	80.2	80.6	80.8	80.8	81.2	
IV 800	41.0	48.3	57.5	62.3	63.3	72.0	75.9	75.9	80.8	81.2	81.7	82.1	82.3	82.3	82.7	
IV 700	41.9	49.3	58.6	63.9	64.9	73.6	77.7	77.7	82.7	83.1	83.7	84.1	84.7	84.7	85.0	
IV 600	41.9	49.3	59.0	64.3	65.6	74.8	79.0	79.0	84.3	84.7	85.4	85.8	86.4	86.4	86.8	
IV 500	42.1	49.5	59.8	65.0	66.4	75.9	80.4	80.4	86.0	86.8	88.3	88.7	89.3	89.3	89.9	
IV 400	42.3	49.7	60.0	65.2	66.6	76.1	80.8	80.8	87.2	88.2	90.7	91.8	92.6	92.8	93.4	
IV 300	42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	87.8	89.3	92.2	94.6	96.1	96.3	96.9	
IV 200	42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	95.0	96.7	96.9	97.7	
IV 100	42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	95.0	96.7	96.9	97.7	
IV 0	42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	95.0	96.7	96.9	97.7	

TOTAL NUMBER OF OBSERVATIONS

515

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/KAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING															
≥ 20000	16.4	17.8	19.3	21.2	22.2	23.4	24.1	24.3	24.7	24.7	24.7	24.7	24.7	24.7	24.7
IV 18000	20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 16000	20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 14000	20.8	23.2	24.9	26.8	28.0	29.2	29.9	30.1	30.3	30.5	30.5	30.5	30.5	30.5	30.5
IV 12000	20.8	23.2	24.9	26.8	28.0	29.2	29.9	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5
IV 10000	21.4	23.7	26.1	28.1	29.2	30.3	31.1	31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 9000	21.6	24.1	26.8	28.6	29.9	31.1	31.9	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 8000	22.2	24.7	27.4	29.7	31.3	32.4	33.2	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 7000	24.7	27.2	29.9	32.2	33.8	35.1	35.9	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5
IV 6000	26.3	29.0	31.9	34.2	35.7	37.5	38.2	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 5000	27.2	30.1	33.4	35.7	37.3	39.0	39.8	40.0	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 4500	27.8	30.7	34.0	36.3	37.8	39.6	40.3	40.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 4000	29.3	32.6	35.9	38.2	39.8	41.5	42.3	42.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 3500	32.0	35.3	38.8	41.1	42.7	44.4	45.2	45.4	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 3000	35.1	39.6	44.0	46.3	47.9	49.8	50.6	50.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 2500	38.4	43.1	47.9	50.2	51.7	53.7	54.4	54.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 2000	41.1	47.3	52.5	55.4	57.1	59.8	60.6	60.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 1800	41.3	47.5	52.9	55.8	57.5	60.2	61.0	61.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 1500	45.4	51.7	57.9	62.0	63.7	66.8	67.8	68.0	69.1	69.1	69.1	69.5	69.5	69.5	69.5
IV 1200	46.5	53.5	59.7	65.3	67.6	70.8	72.2	72.4	73.6	73.6	73.6	73.9	73.9	73.9	73.9
IV 1000	49.2	56.6	63.3	69.1	71.6	75.1	77.0	77.4	78.8	79.3	79.3	80.1	80.1	80.1	80.1
IV 900	49.2	56.6	63.3	69.1	71.6	75.1	77.2	77.6	79.0	79.5	79.5	80.3	80.3	80.3	80.3
IV 800	49.8	57.3	65.1	71.6	74.3	78.0	80.5	80.9	82.8	83.4	83.6	84.4	84.4	84.4	84.4
IV 700	50.8	58.3	65.0	73.0	75.7	79.5	82.6	83.4	85.3	86.1	86.3	87.1	87.1	87.1	87.1
IV 600	51.0	58.5	66.2	73.4	76.1	80.7	84.4	85.1	87.6	88.6	89.0	89.8	89.8	89.8	89.8
IV 500	51.2	58.7	66.8	73.9	76.6	81.3	85.5	86.5	90.3	92.3	93.2	94.0	94.2	94.2	94.2
IV 400	51.2	58.7	67.2	74.3	77.0	81.7	86.1	87.1	91.3	94.0	95.4	96.3	96.5	96.5	96.5
IV 300	51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.2	96.5	98.3	98.5	98.5	98.8
IV 200	51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.4	96.7	98.5	98.8	98.8	100.0
IV 100	51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.4	96.7	98.5	98.8	98.8	100.0
IV 0	51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.4	96.7	98.5	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

518

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING Feet	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	
NO CEILING																
≥ 20000	19.2	20.9	22.3	23.7	23.7	24.5	25.0	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8	25.8
IV 18000	25.4	28.2	30.1	31.5	31.5	32.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7
IV 16000	25.4	28.2	30.1	31.5	31.5	32.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7
IV 14000	25.4	28.2	30.1	31.5	31.5	32.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7
IV 12000	25.4	28.2	30.1	31.5	31.5	32.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7
IV 10000	27.0	29.7	31.7	33.1	33.1	33.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.2	35.2	35.2
IV 9000	27.4	30.1	32.1	33.5	33.5	34.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6
IV 8000	29.5	32.3	34.2	36.0	36.0	36.6	37.4	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7
IV 7000	31.1	33.9	35.8	38.0	38.0	38.6	39.3	40.5	40.5	40.5	40.5	40.5	40.5	40.7	40.7	40.7
IV 6000	32.5	35.2	37.2	39.7	40.3	41.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	42.7
IV 5000	33.3	35.2	38.5	41.1	41.7	42.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0
IV 4500	33.3	36.2	38.6	41.1	41.7	42.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0
IV 4000	35.2	38.4	40.7	43.4	44.0	45.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.6	46.6
IV 3500	36.4	39.5	41.9	44.8	45.4	46.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9	47.9
IV 3000	38.9	43.1	45.4	48.5	49.1	50.5	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4
IV 2500	42.3	47.2	50.1	53.6	54.2	55.8	56.9	56.9	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.7
IV 2000	45.2	51.1	54.0	58.1	58.7	60.3	61.4	61.4	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2
IV 1800	46.4	52.3	55.2	59.3	59.9	61.4	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4
IV 1500	49.3	55.2	59.1	64.4	65.0	66.9	68.9	68.9	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.1
IV 1200	51.3	57.3	61.4	67.9	68.5	71.6	73.3	73.3	75.0	75.1	75.1	75.1	75.1	75.3	75.3	75.3
IV 1000	53.8	60.5	65.4	72.2	72.8	76.5	79.3	79.3	80.8	81.4	81.4	81.4	81.4	81.8	81.8	81.8
IV 900	55.0	62.0	67.1	74.0	74.6	78.3	81.4	81.4	83.0	83.6	83.6	83.6	83.6	84.0	84.0	84.0
IV 800	55.4	62.6	68.3	75.5	76.1	79.8	83.4	83.4	84.9	85.5	85.5	85.5	85.5	86.1	86.1	86.1
IV 700	55.4	62.6	68.5	75.7	76.3	81.4	85.1	85.1	86.6	87.2	87.2	87.2	87.2	87.7	87.7	87.7
IV 600	55.6	62.8	68.9	76.3	77.2	82.8	86.5	86.5	88.0	88.6	88.6	88.6	88.6	89.1	89.1	89.1
IV 500	56.4	63.6	69.7	77.3	78.2	84.0	87.7	87.7	89.2	89.8	89.8	89.8	89.8	90.2	90.2	90.2
IV 400	56.6	63.8	69.9	77.5	78.2	84.5	89.4	89.4	90.8	91.4	91.4	91.4	91.4	91.8	91.8	91.8
IV 300	56.6	63.8	69.9	77.5	78.2	84.5	89.4	89.4	90.8	91.4	91.4	91.4	91.4	91.8	91.8	91.8
IV 200	56.6	63.8	70.1	77.7	78.7	84.7	90.0	90.0	91.4	92.0	92.0	92.0	92.0	92.4	92.4	92.4
IV 100	56.6	63.8	70.1	77.7	78.7	84.7	90.0	90.0	91.4	92.0	92.0	92.0	92.0	92.4	92.4	92.4
IV 0	56.6	63.8	70.1	77.7	78.7	84.7	90.0	90.0	91.4	92.0	92.0	92.0	92.0	92.4	92.4	92.4

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172

ANSBAGD AAF GERMANY/KATTERBACH 47,6672

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1410-2000

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13
NO CEILING															
≥ 20000	16.8	19.0	22.5	24.2	24.7	26.4	27.7	27.7	28.1	28.6	28.6	28.6	28.6	28.6	28.6
≥ 18000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8
≥ 16000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8
≥ 14000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8
≥ 12000	21.6	25.1	28.6	30.3	30.7	32.5	33.8	33.8	34.2	34.6	34.6	34.6	34.6	34.6	34.6
≥ 10000	24.7	29.1	31.6	33.3	33.8	35.5	36.8	36.8	37.2	37.7	37.7	37.7	37.7	37.7	37.7
≥ 9000	25.5	29.0	32.5	34.2	34.6	36.4	37.7	37.7	38.1	38.5	38.5	38.5	38.5	38.5	38.5
≥ 8000	28.6	32.0	36.4	38.5	39.4	41.1	42.4	42.4	42.9	43.3	43.3	43.3	43.3	43.3	43.3
≥ 7000	29.9	33.3	38.1	40.7	42.0	43.7	45.0	45.0	45.5	45.9	45.9	45.9	45.9	45.9	45.9
≥ 6000	30.3	33.8	39.4	42.0	43.3	45.5	46.8	46.8	47.2	47.6	47.6	47.6	47.6	47.6	47.6
≥ 5000	30.7	34.2	40.3	42.9	44.2	46.3	47.6	47.6	48.1	48.5	48.5	48.5	48.5	48.5	48.5
≥ 4500	30.7	34.2	40.3	42.9	44.2	46.3	47.6	47.6	48.1	48.5	48.5	48.5	48.5	48.5	48.5
≥ 4000	31.2	35.9	42.0	45.9	47.2	49.8	51.1	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9
≥ 3500	31.2	36.8	42.9	47.2	48.5	51.1	52.4	52.4	52.8	53.2	53.2	53.2	53.2	53.2	53.2
≥ 3000	32.5	38.5	45.5	49.8	51.1	53.7	55.0	55.0	55.8	56.3	56.3	56.3	56.3	56.3	56.3
≥ 2500	36.4	42.9	50.2	55.0	56.3	58.9	60.2	60.2	61.0	61.5	61.5	61.5	61.5	61.5	61.5
≥ 2000	38.1	45.5	52.8	57.6	58.9	62.3	64.5	64.5	65.4	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1800	38.5	46.3	53.7	58.4	59.7	63.2	65.4	65.4	66.2	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1500	39.8	47.6	55.4	60.2	61.5	65.4	67.5	67.5	69.7	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200	40.3	48.1	55.8	60.6	61.9	66.7	68.8	68.8	71.4	71.9	71.9	72.3	72.3	72.3	72.3
≥ 1000	41.1	48.9	58.4	63.2	64.5	70.6	73.2	73.2	76.6	78.4	78.4	78.4	78.4	78.4	78.4
≥ 900	42.0	49.8	59.3	64.1	65.4	72.3	77.1	77.1	80.5	82.3	82.3	82.7	82.7	82.7	82.7
≥ 800	42.4	50.2	60.2	64.9	66.2	74.9	80.1	80.1	84.0	85.7	85.7	86.1	86.1	86.1	86.1
≥ 700	42.4	50.2	60.6	66.2	68.0	77.1	82.3	82.7	86.6	88.3	88.3	88.7	88.7	88.7	88.7
≥ 600	43.3	51.1	61.9	68.0	69.7	78.8	84.0	84.4	89.3	90.0	90.0	90.5	90.5	90.5	90.5
≥ 500	44.6	52.4	63.2	69.7	71.4	80.5	86.1	86.6	92.2	93.9	93.9	96.5	96.5	96.5	96.5
≥ 400	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.1	96.1	99.6	99.6	99.6	99.6
≥ 300	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	100.0	100.0	100.0	100.0
≥ 200	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	100.0	100.0	100.0	100.0
≥ 100	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	100.0	100.0	100.0	100.0
≥ 0	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

231

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

47

FEA

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATE IN MILES												
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING ≥ 20000	5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.6	28.8	28.8	28.8
IV ≥ 18000	5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8
IV ≥ 16000	5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8
IV ≥ 14000	5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8
IV ≥ 12000	5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8
IV ≥ 10000	8.8	20.0	27.5	31.3	31.3	31.3	31.3	31.3	31.3	32.5	32.5	32.5	32.5
IV ≥ 9000	8.8	20.0	27.5	31.3	31.3	31.3	31.3	31.3	31.3	32.5	32.5	32.5	32.5
IV ≥ 8000	8.8	20.0	27.5	31.3	31.3	31.3	31.3	31.3	31.3	32.5	32.5	32.5	32.5
IV ≥ 7000	11.3	22.5	31.3	37.5	37.5	37.5	37.5	37.5	37.5	38.8	38.8	38.8	38.8
IV ≥ 6000	11.3	22.5	31.3	37.5	37.5	37.5	37.5	37.5	37.5	38.8	38.8	38.8	38.8
IV ≥ 5000	11.3	22.5	31.3	37.5	37.5	37.5	37.5	37.5	37.5	38.8	38.8	38.8	38.8
IV ≥ 4500	11.3	25.0	35.0	41.3	41.3	41.3	41.3	41.3	41.3	42.5	42.5	42.5	42.5
IV ≥ 4000	11.3	25.0	35.0	41.3	41.3	41.3	41.3	41.3	41.3	42.5	42.5	42.5	42.5
IV ≥ 3500	11.3	25.0	37.5	45.0	45.0	45.0	45.0	45.0	45.0	46.3	46.3	46.3	46.3
IV ≥ 3000	11.3	25.0	37.5	45.0	45.0	45.0	45.0	45.0	45.0	46.3	46.3	46.3	46.3
IV ≥ 2000	11.3	25.0	37.5	45.0	45.0	45.0	45.0	45.0	45.0	46.3	46.3	46.3	46.3
IV ≥ 1800	11.3	25.0	37.5	45.0	45.0	45.0	45.0	45.0	45.0	46.3	46.3	46.3	46.3
IV ≥ 1500	15.0	30.0	42.5	50.0	50.0	50.0	50.0	50.0	50.0	51.3	51.3	51.3	51.3
IV ≥ 1200	15.0	30.0	42.5	50.0	50.0	50.0	50.0	50.0	50.0	51.3	51.3	51.3	51.3
IV ≥ 1000	15.0	30.0	42.5	50.0	50.0	50.0	50.0	50.0	50.0	51.3	51.3	51.3	51.3
IV ≥ 900	15.0	30.0	48.8	56.3	56.3	56.3	56.3	56.3	56.3	58.8	58.8	58.8	58.8
IV ≥ 800	15.0	30.0	48.8	56.3	56.3	56.3	56.3	56.3	56.3	58.8	58.8	58.8	58.8
IV ≥ 700	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	86.3	87.5	88.8	88.8
IV ≥ 600	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	86.3	88.8	88.8	88.8
IV ≥ 500	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	90.0	92.5	93.8	93.8
IV ≥ 400	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	90.0	92.5	93.8	93.8
IV ≥ 300	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	90.0	92.5	93.8	93.8
IV ≥ 200	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	90.0	92.5	93.8	93.8
IV ≥ 100	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	90.0	92.5	93.8	93.8
IV ≥ 0	15.0	30.0	51.3	58.8	58.8	65.0	72.5	72.5	72.5	90.0	92.5	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS

80

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AFB GERMANY/KATTERBACH 47

1948

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0200

CEILING FEET	VISIBILITY STATISTICAL															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 18000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 16000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 14000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 12000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 10000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 9000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 8000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 7000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 6000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 5000	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 4500	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 4000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 3500	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 3000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 2500	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 2000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 1800	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 1500	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 1200	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 1000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 900	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 800	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 700	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 600	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 500	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 400	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 300	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 200	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 100	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8

TOTAL NUMBER OF OBSERVATIONS

90



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 47.71

ZAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0320-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING ≥ 20000	28.9	30.4	30.4	31.1	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
IV 18000	31.1	32.6	32.6	34.8	34.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	37.0	37.0	37.0
IV 16000	31.1	32.6	32.6	34.8	34.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	37.0	37.0	37.0
IV 14000	33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 12000	33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 10000	33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 9000	33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 8000	33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 7000	36.3	37.8	37.8	40.7	40.7	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.0	43.0	43.0
IV 6000	41.5	43.7	43.7	47.4	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	49.6	49.6	49.6
IV 5000	44.4	46.7	46.7	52.6	52.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	55.6	55.6	55.6
IV 4500	45.2	47.4	47.4	53.3	53.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	56.3	56.3	56.3
IV 4000	46.7	48.9	48.9	54.8	54.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	57.8	57.8	57.8
IV 3500	48.1	50.4	50.4	56.3	56.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	59.3	59.3	59.3
IV 3000	51.9	54.1	54.1	61.5	61.5	63.7	63.7	64.4	64.4	64.4	64.4	64.4	64.4	65.9	65.9	65.9
IV 2500	52.6	54.8	54.8	62.2	62.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	66.7	68.1	68.1
IV 2000	52.6	54.8	54.8	63.7	63.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	68.1	69.6	69.6
IV 1800	52.6	54.8	54.8	63.7	63.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	68.1	69.6	69.6
IV 1500	52.6	54.8	54.8	63.7	63.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	68.1	69.6	69.6
IV 1200	52.6	54.8	54.8	63.7	63.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	68.1	69.6	69.6
IV 1000	57.0	59.6	70.4	81.5	81.5	86.7	86.7	87.4	87.4	89.6	89.6	89.6	89.6	92.6	92.6	92.6
IV 900	57.0	59.6	70.4	81.5	81.5	86.7	86.7	87.4	87.4	89.6	89.6	89.6	89.6	92.6	92.6	92.6
IV 800	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 700	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 600	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 500	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 400	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 300	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 200	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 100	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5
IV 0	57.0	59.6	72.6	83.7	83.7	89.6	89.6	91.1	91.1	93.3	93.3	93.3	93.3	94.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

135

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

30172 ANSBAC AAF GERMANY/KATTERBACH 47.66-72

3AR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	22.0	24.8	27.7	29.2	30.1	32.9	33.7	33.7	34.3	34.8	34.8	35.3	35.4	35.9	36.5	
IV 18000	24.2	27.4	30.4	31.9	32.2	35.9	36.7	36.7	37.2	37.8	37.8	38.3	38.5	38.9	39.6	
IV 16000	24.5	27.7	30.8	32.2	33.5	36.2	37.0	37.0	37.7	38.1	38.1	38.6	38.8	39.3	39.9	
IV 14000	24.8	28.0	31.1	32.5	33.5	36.5	37.3	37.3	38.0	38.5	38.5	38.9	39.1	39.6	40.2	
IV 12000	25.2	28.4	31.4	32.9	34.1	36.9	37.7	37.7	38.3	38.8	38.8	39.3	39.4	39.9	40.5	
IV 10000	25.5	28.7	32.1	33.5	34.8	37.7	38.5	38.5	39.1	39.6	39.6	40.1	40.2	40.7	41.3	
IV 9000	25.5	28.7	32.1	33.5	34.9	37.8	38.6	38.6	39.3	39.7	39.7	40.2	40.4	40.9	41.5	
IV 8000	28.4	31.6	35.1	36.7	38.1	41.0	41.8	41.8	42.5	42.9	42.9	43.4	43.8	44.2	44.9	
IV 7000	31.1	34.5	38.3	40.1	41.8	45.2	46.0	46.0	47.0	47.4	47.4	47.9	48.2	48.7	49.4	
IV 6000	34.9	38.6	42.9	45.0	46.8	50.2	51.0	51.0	51.9	52.4	52.4	52.9	53.2	53.7	54.3	
IV 5000	35.6	39.3	43.6	46.0	47.8	51.6	52.4	52.4	53.5	54.0	54.2	54.6	55.0	55.4	56.1	
IV 4500	35.7	39.4	43.8	46.2	47.9	51.8	52.6	52.6	53.7	54.2	54.3	54.8	55.1	55.6	56.3	
IV 4000	36.9	41.3	45.7	48.2	50.0	53.8	54.6	54.6	55.9	56.4	56.6	57.1	57.4	57.9	58.8	
IV 3500	37.7	42.3	46.6	49.4	51.1	55.1	55.9	55.9	57.2	57.7	57.9	58.3	58.7	59.1	59.8	
IV 3000	39.7	45.2	50.2	53.2	55.0	59.8	60.6	60.6	62.3	62.8	63.0	63.5	64.3	64.7	65.4	
IV 2500	40.4	46.3	51.4	54.6	56.6	61.4	62.2	62.2	63.9	64.4	64.6	65.1	65.9	66.3	67.0	
IV 2000	42.1	48.7	53.8	57.1	59.0	63.9	64.7	64.7	66.5	67.0	67.1	67.6	68.4	68.9	69.6	
IV 1800	42.6	49.7	54.8	58.0	59.9	64.9	65.7	65.7	67.5	67.9	68.1	68.6	69.4	69.9	70.5	
IV 1500	45.0	52.9	58.8	62.8	64.7	69.9	70.7	70.7	72.4	72.9	73.1	73.6	74.4	74.8	75.5	
IV 1200	46.3	54.6	61.1	65.2	67.1	73.1	74.2	74.2	76.4	76.9	77.2	77.7	78.7	79.2	79.8	
IV 1000	48.1	57.7	64.4	68.8	70.7	77.2	79.3	79.3	82.4	83.0	83.3	83.8	84.8	85.4	86.1	
IV 900	48.1	58.3	65.1	69.4	71.3	78.0	80.3	80.3	83.3	84.1	84.5	84.9	85.9	86.5	87.2	
IV 800	48.6	59.3	66.2	70.7	72.6	79.5	81.7	82.1	85.4	86.2	86.5	87.3	88.3	88.9	89.6	
IV 700	48.7	59.5	66.3	71.5	73.4	80.3	82.5	82.9	86.7	87.5	88.0	89.1	90.1	90.7	91.3	
IV 600	48.7	59.6	66.7	71.6	73.6	80.6	83.0	83.3	87.2	88.0	88.5	89.6	90.5	91.2	91.8	
IV 500	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.7	88.9	90.4	91.3	92.8	93.6	94.9	95.7	
IV 400	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.7	88.9	90.5	92.0	94.1	95.0	96.2	97.0	
IV 300	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.7	88.9	90.5	92.0	94.2	96.0	97.1	98.6	
IV 200	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.7	88.9	90.5	92.0	94.2	96.0	97.1	98.6	
IV 100	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.7	88.9	90.5	92.0	94.2	96.0	97.1	99.7	
IV 0	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.7	88.9	90.5	92.0	94.2	96.0	97.1	100.0	

TOTAL NUMBER OF OBSERVATIONS

624

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3472 ANSBACH AAF GERMANY/KATTERBACH 4766-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0920-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	26.0	27.2	30.0	31.1	32.1	33.0	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.8	33.8	33.8
IV ≥ 18000	29.2	30.9	34.1	35.3	36.4	37.5	37.8	37.8	38.1	38.2	38.2	38.3	38.3	38.6	38.6	38.6
IV 16000	29.5	31.3	34.5	35.6	36.7	37.8	38.1	38.1	38.5	38.6	38.6	38.6	38.6	38.9	38.9	38.9
IV 14000	29.5	31.3	34.5	35.6	36.7	37.8	38.1	38.1	38.5	38.6	38.6	38.6	38.6	38.9	38.9	38.9
IV 12000	29.6	31.4	34.6	35.7	36.9	38.0	38.3	38.3	38.6	38.6	38.8	38.8	39.1	39.1	39.1	39.1
IV 10000	30.0	31.7	34.9	36.1	37.2	38.3	38.6	38.6	38.9	39.1	39.1	39.1	39.4	39.4	39.4	39.4
IV 9000	30.0	32.4	35.7	36.9	38.0	39.3	39.6	39.6	39.9	40.1	40.1	40.1	40.4	40.4	40.4	40.4
IV 8000	31.1	32.9	36.2	37.3	38.5	39.7	40.1	40.1	40.4	40.5	40.5	40.5	40.9	40.9	40.9	40.9
IV 7000	34.0	35.7	39.4	40.5	42.0	43.4	43.8	43.8	44.1	44.2	44.2	44.2	44.6	44.6	44.6	44.6
IV 6000	36.1	37.8	41.7	42.9	44.4	45.8	46.2	46.2	46.6	46.8	46.8	46.8	47.1	47.1	47.1	47.1
IV 5000	38.9	40.7	44.9	46.2	47.6	49.2	49.5	49.7	50.0	50.2	50.2	50.2	50.5	50.5	50.5	50.5
IV 4500	40.4	42.1	46.3	47.8	49.2	50.8	51.1	51.3	51.6	51.8	51.8	51.8	52.1	52.1	52.1	52.1
IV 4000	42.5	44.2	48.6	50.0	51.4	53.2	53.5	53.7	54.3	54.5	54.5	54.5	54.8	54.8	54.8	54.8
IV 3500	44.4	46.2	50.6	52.1	53.5	55.4	55.8	55.9	56.6	56.7	56.7	56.9	57.5	57.5	57.5	57.5
IV 3000	46.0	48.9	53.2	55.9	57.4	59.5	59.8	59.9	61.2	61.4	61.4	61.9	62.7	62.7	62.7	62.7
IV 2500	49.0	52.2	57.9	59.6	61.1	63.1	63.5	63.6	64.9	65.1	65.1	65.5	66.3	66.3	66.3	66.3
IV 2000	51.9	55.6	61.5	63.3	64.9	67.3	67.6	67.8	69.2	69.4	69.4	69.9	70.7	70.7	70.7	70.7
IV 1800	52.6	56.3	62.2	63.9	65.5	67.9	68.3	68.4	69.9	70.0	70.0	70.5	71.3	71.3	71.3	71.3
IV 1500	56.7	60.7	67.3	69.2	70.8	73.4	73.7	73.9	75.3	75.6	75.6	76.1	76.9	76.9	76.9	76.9
IV 1200	58.7	63.3	70.2	72.1	73.9	76.6	77.1	77.2	78.8	79.2	79.2	79.8	80.6	80.6	80.6	80.6
IV 1000	60.3	65.1	72.3	74.4	76.3	79.3	80.6	80.8	82.9	83.2	83.2	83.8	84.6	84.6	84.6	84.6
IV 900	60.9	65.9	73.1	75.2	77.1	80.1	81.7	81.9	84.0	84.3	84.3	84.9	85.7	85.7	85.7	85.7
IV 800	61.2	66.7	73.9	76.1	78.2	81.4	83.2	83.3	85.7	86.4	86.4	87.2	88.0	88.0	88.0	88.0
IV 700	61.4	66.8	74.0	76.3	78.4	81.9	83.8	84.0	86.7	87.3	87.3	88.3	89.1	89.1	89.1	89.1
IV 600	61.5	67.0	74.2	76.6	78.7	82.5	84.8	84.9	87.7	88.3	88.3	89.3	90.1	90.1	90.1	90.1
IV 500	61.7	67.3	74.3	77.4	79.5	83.5	86.2	86.4	90.1	91.5	91.8	92.8	93.6	93.6	93.6	93.6
IV 400	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.3	93.9	94.4	95.7	96.5	96.5	96.5	96.5
IV 300	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.8	95.0	96.0	97.9	98.7	98.7	98.7	98.7
IV 200	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.9	95.2	96.2	98.6	99.4	99.4	99.4	99.4
IV 100	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.9	95.2	96.2	98.6	99.4	99.4	99.4	99.4
IV 0	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.9	95.2	96.2	98.6	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

624

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	25.8	26.4	27.2	27.2	27.7	27.7	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 18000 IV 16000	29.2	30.0	30.8	30.8	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 14000 IV 12000	29.2	30.0	30.8	30.8	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 10000 IV 9000	29.5	30.3	31.1	31.1	31.6	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
IV 8000 IV 7000	31.6	32.4	33.2	33.2	33.9	33.9	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 6000 IV 5000	34.0	35.0	36.3	36.3	37.0	37.0	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 4500 IV 4000	40.8	42.0	43.4	43.4	44.2	44.2	44.4	44.4	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9
IV 3500 IV 3000	42.1	43.3	44.7	44.7	45.7	45.7	45.9	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 2500 IV 2000	42.9	44.1	45.5	45.5	46.5	46.5	46.7	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 1800 IV 1500	44.5	45.7	47.3	47.3	48.3	48.3	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 1200 IV 1000	45.0	47.2	48.8	48.8	49.8	49.8	49.9	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 900 IV 800	49.6	51.1	53.6	54.0	54.9	55.3	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 700 IV 600	57.2	59.0	61.9	62.6	63.5	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 500 IV 400	61.3	63.0	66.1	66.8	67.7	68.6	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 300 IV 200	62.7	64.5	67.6	68.4	69.4	70.2	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 100 0	67.6	69.7	73.1	74.2	75.2	76.0	76.3	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	70.2	72.3	76.3	77.5	78.6	79.6	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
	72.9	75.7	79.9	81.4	82.5	83.6	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	73.3	76.0	80.2	81.7	83.0	84.1	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
	74.2	77.3	82.0	83.5	85.3	86.4	87.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	74.2	77.3	82.0	83.6	85.4	86.5	87.2	87.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	74.2	77.3	82.2	84.0	85.7	88.0	89.3	89.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	74.6	77.8	83.0	84.8	86.5	89.0	91.1	91.6	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	74.7	78.0	83.5	85.6	87.5	90.1	92.7	93.2	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	74.7	78.0	83.5	85.6	87.5	90.1	92.7	93.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	74.7	78.0	83.5	85.6	87.5	90.1	92.7	93.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	74.7	78.0	83.5	85.6	87.5	90.1	92.7	93.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 617

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.56-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	30.0	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.5	31.5	31.5	31.5	31.5	31.5	31.5
IV 18000	34.5	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 16000	34.5	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 14000	34.8	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 12000	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	37.0	37.0	37.0	37.0	37.0	37.0	37.0
IV 10000	36.5	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0
IV 9000	37.7	38.5	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 8000	39.2	40.0	40.3	40.7	40.7	40.7	40.7	40.7	40.7	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 7000	42.0	42.8	43.3	43.7	43.7	43.7	43.7	43.7	43.7	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 6000	44.5	45.7	46.3	47.0	47.0	47.0	47.0	47.0	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 5000	46.5	47.8	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8
IV 4500	47.2	48.5	49.3	49.8	49.8	49.8	49.8	49.8	49.8	50.3	50.5	50.5	50.5	50.5	50.5	50.5
IV 4000	49.2	50.5	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.3	52.5	52.5	52.5	52.5	52.5	52.5
IV 3500	50.3	51.7	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.8	54.0	54.0	54.0	54.0	54.0	54.0
IV 3000	54.2	55.5	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.8	58.0	58.0	58.0	58.0	58.0	58.0
IV 2500	60.7	62.8	64.5	65.3	65.5	65.5	65.5	65.5	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2
IV 2000	66.2	68.3	70.0	71.0	71.3	71.3	71.3	71.3	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0
IV 1800	67.5	69.7	71.3	72.3	72.7	72.7	72.7	72.7	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3
IV 1500	73.2	76.0	77.8	79.0	79.3	79.3	79.3	79.3	79.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5
IV 1200	75.7	79.0	81.3	83.0	83.3	83.3	83.3	83.3	83.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
IV 1000	77.2	81.3	84.0	85.8	86.2	86.2	86.2	86.2	86.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5
IV 900	77.2	81.8	84.7	86.7	87.2	87.2	87.2	87.2	87.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5
IV 800	77.7	82.5	86.2	88.3	89.0	89.0	89.0	89.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 700	78.0	82.8	86.7	89.0	89.7	89.7	89.7	89.7	89.7	90.8	91.7	91.7	91.7	91.7	91.7	91.7
IV 600	78.3	83.2	87.0	89.7	90.3	90.3	90.3	90.3	90.3	91.7	93.0	93.0	93.0	93.0	93.0	93.0
IV 500	78.3	83.2	87.0	89.7	90.3	90.3	90.3	90.3	90.3	91.7	93.0	93.0	93.0	93.0	93.0	93.0
IV 400	78.3	83.2	87.2	90.2	90.8	90.8	90.8	90.8	90.8	92.5	94.5	95.2	95.2	95.2	95.2	95.2
IV 300	78.3	83.2	87.2	90.2	90.8	90.8	90.8	90.8	90.8	92.5	94.8	95.3	95.3	95.3	95.3	95.3
IV 200	78.3	83.2	87.2	90.2	90.8	90.8	90.8	90.8	90.8	92.5	94.8	95.3	95.3	95.3	95.3	95.3
IV 100	78.3	83.2	87.2	90.2	90.8	90.8	90.8	90.8	90.8	92.5	94.8	95.3	95.3	95.3	95.3	95.3
IV 0	78.3	83.2	87.2	90.2	90.8	90.8	90.8	90.8	90.8	92.5	94.8	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

600

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172    ANSBACH AAF GERMANY/KATTERBACH    47.06-72    NAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.2	≥.15	≥.1	≥.05	≥.0
NO CEILING																
IV 20000		31.1	33.3	34.1	34.1	34.1	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 18000		32.6	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 16000		35.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 14000		35.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 12000		35.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 10000		37.8	40.0	40.7	40.7	40.7	40.7	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 9000		39.5	41.9	42.6	42.6	42.6	42.6	42.6	42.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 8000		41.1	43.7	44.8	44.8	45.6	45.6	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 7000		44.4	47.0	48.5	48.5	49.3	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 6000		46.7	49.6	51.1	51.1	51.9	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 5000		49.3	53.0	54.4	54.4	55.2	55.2	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 4500		50.0	54.1	55.6	55.6	56.3	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 4000		53.0	56.7	58.1	58.1	58.9	58.9	58.9	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 3500		54.1	57.8	59.3	59.3	60.0	60.0	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 3000		56.3	60.7	62.2	62.2	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 2500		59.3	64.1	65.6	65.6	67.0	67.0	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 2000		64.8	70.4	72.2	73.3	74.4	74.4	74.4	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 1800		65.9	71.5	73.3	74.1	75.6	75.6	75.6	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 1500		69.6	77.4	79.6	80.4	81.9	82.2	82.6	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1200		70.0	78.1	80.4	81.1	82.6	83.0	83.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1000		71.5	80.0	83.0	83.7	85.2	86.3	87.0	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 900		71.5	80.0	83.3	84.1	85.6	87.4	88.5	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 800		72.6	81.1	85.2	85.9	87.4	89.3	90.4	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 700		74.1	82.6	86.7	87.4	88.9	91.1	92.6	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 600		74.1	82.6	86.7	87.4	88.9	91.1	93.0	94.1	95.9	96.7	96.7	96.7	97.0	97.4	97.4
IV 500		74.1	82.6	86.7	87.8	89.3	91.5	93.7	94.8	97.0	97.8	97.8	98.1	98.1	98.5	98.5
IV 400		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 300		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 200		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 100		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 0		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

270

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAAC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 47

BAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING Feet	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		25.8	28.0	28.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 20000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 18000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 16000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 14000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 12000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 10000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 9000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 8000		35.5	37.6	37.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 7000		46.2	48.4	51.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 6000		52.7	54.8	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 5000		52.7	54.8	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 4500		52.7	54.8	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 4000		58.1	60.2	63.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 3500		58.1	60.2	63.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 3000		58.1	60.2	63.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 2500		60.2	62.4	65.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 2000		65.6	67.7	71.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1800		65.6	67.7	71.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1500		72.0	76.3	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1200		72.0	76.3	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1000		72.0	76.3	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 900		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 800		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 700		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 600		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 500		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 400		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 300		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 200		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 100		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 0		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS

93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	>	≥4	≥3	≥	≥5/6	≥4	≥1
NO CEILING		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 18000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 14000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 12000		63.3	63.3	63.3	63.3	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 10000		64.4	64.4	64.4	64.4	64.4	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 9000		64.4	64.4	64.4	64.4	64.4	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 8000		67.8	67.8	67.8	67.8	67.8	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 7000		70.0	70.0	70.0	70.0	70.0	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 6000		74.4	74.4	74.4	74.4	74.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000		74.4	74.4	74.4	74.4	74.4	74.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4500		75.6	75.6	75.6	75.6	75.6	75.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 4000		77.8	77.8	77.8	77.8	77.8	77.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 3500		78.9	78.9	78.9	78.9	78.9	78.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3000		78.9	78.9	78.9	78.9	78.9	78.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500		80.0	80.0	80.0	80.0	80.0	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2000		93.3	93.3	93.3	93.3	93.3	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800		93.3	93.3	93.3	93.3	93.3	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		96.7	96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

90



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

ABK

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

8200-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	58.9	58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 20000	58.9	58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 18000	58.9	58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
IV ≥ 16000	58.9	58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
IV ≥ 14000	58.9	58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
IV ≥ 12000	63.3	63.3	63.3	63.3	63.3	63.3	64.4	65.6	65.6	66.7	66.7	66.7	66.7	66.7	67.8	68.9
IV ≥ 10000	65.6	65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
IV ≥ 9000	65.6	65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
IV ≥ 8000	65.6	65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
IV ≥ 7000	68.9	68.9	68.9	68.9	68.9	68.9	70.0	71.1	71.1	72.2	72.2	72.2	72.2	72.2	73.3	74.4
IV ≥ 6000	70.0	70.0	70.0	70.0	70.0	70.0	71.1	72.2	72.2	73.3	73.3	73.3	73.3	73.3	75.6	76.7
IV ≥ 5000	74.4	74.4	74.4	74.4	74.4	74.4	75.6	76.7	76.7	77.8	77.8	77.8	77.8	77.8	80.0	81.1
IV ≥ 4500	74.4	74.4	74.4	74.4	74.4	74.4	75.6	76.7	76.7	77.8	77.8	77.8	77.8	77.8	80.0	81.1
IV ≥ 4000	75.6	75.6	75.6	75.6	75.6	75.6	76.7	77.8	77.8	78.9	78.9	78.9	78.9	78.9	81.1	82.2
IV ≥ 3500	76.7	76.7	76.7	76.7	76.7	76.7	77.8	78.9	78.9	80.0	80.0	80.0	80.0	80.0	82.2	83.3
IV ≥ 3000	77.8	77.8	77.8	77.8	77.8	77.8	78.9	80.0	80.0	81.1	81.1	81.1	81.1	81.1	83.3	84.4
IV ≥ 2500	81.1	81.1	81.1	81.1	81.1	81.1	82.2	83.3	83.3	84.4	84.4	84.4	84.4	84.4	86.7	87.8
IV ≥ 2000	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 1800	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 1500	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 1200	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 1000	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 900	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 800	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 700	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 600	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 500	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 400	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 300	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 200	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 100	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
IV ≥ 0	91.1	93.3	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

90

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,56-70,72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

3600=080C

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		29.9	33.5	36.1	37.4	37.4	37.9	39.3	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.4
≥ 20000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
IV 18000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
IV 16000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
IV 14000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
IV 12000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
IV 10000		35.2	38.7	41.5	43.6	43.6	45.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.8
IV 9000		35.2	39.3	42.1	44.2	44.2	45.7	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	47.4
IV 8000		38.3	42.5	45.3	47.6	47.6	49.1	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.8
IV 7000		41.5	45.7	48.7	51.3	51.3	52.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.5
IV 6000		45.1	50.2	53.6	56.2	56.2	57.9	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.6
IV 5000		47.2	53.6	57.0	59.6	59.6	62.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	64.1
IV 4500		47.2	53.6	57.0	59.6	59.6	62.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	64.1
IV 4000		48.1	54.7	58.1	60.7	60.7	63.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	65.2
IV 3500		48.7	55.3	58.8	61.3	61.3	63.7	64.8	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.8
IV 3000		50.6	57.1	61.5	64.3	64.3	67.1	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	69.2
IV 2500		50.9	58.3	62.6	65.4	65.4	68.2	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.7	70.3
IV 2000		54.7	62.4	66.9	70.1	70.1	73.1	74.4	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.6
IV 1800		54.7	62.4	66.9	70.1	70.1	73.1	74.4	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.6
IV 1500		57.1	65.0	69.7	72.9	72.9	76.1	77.4	77.8	78.8	78.9	78.9	78.9	78.9	78.9	79.5
IV 1200		58.1	66.4	71.2	74.6	74.6	78.0	79.9	80.3	81.4	81.8	81.8	81.8	81.8	81.8	82.3
IV 1000		59.8	68.0	73.1	76.7	76.7	81.0	82.5	83.8	85.2	85.9	85.9	85.9	85.9	85.9	86.5
IV 900		61.1	69.4	74.6	78.2	78.2	82.5	85.3	85.7	87.0	87.8	87.8	87.8	87.8	87.8	88.3
IV 800		62.0	70.3	75.6	79.3	79.3	84.4	87.4	87.8	89.1	89.8	89.8	89.8	89.8	89.8	90.4
IV 700		62.4	70.7	75.9	79.7	79.7	84.8	87.8	88.2	89.5	90.4	90.4	90.4	90.4	90.4	91.0
IV 600		62.8	71.1	76.3	80.3	80.3	85.3	88.5	88.9	90.6	91.9	91.9	91.9	91.9	91.9	92.5
IV 500		63.7	72.6	78.2	82.3	82.3	88.0	91.4	91.9	93.6	95.1	95.1	95.1	95.1	95.1	95.7
IV 400		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	97.7	97.7	97.7	98.5
IV 300		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	97.7	97.7	97.7	98.5
IV 200		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	97.7	97.7	97.7	98.5
IV 100		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	97.7	97.7	97.7	98.5
IV 0		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	97.7	97.7	97.7	98.5

TOTAL NUMBER OF OBSERVATIONS

532

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 47,66-70,72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥	≥	≥	≥
NO CEILING																
IV 20000	32.5	24.6	36.1	30.5	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.4
IV 18000	37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 16000	37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 14000	37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 12000	37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 10000	37.6	40.6	42.3	42.7	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6
IV 9000	38.3	41.5	43.2	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
IV 8000	39.7	43.2	44.9	45.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
IV 7000	41.9	45.5	47.2	47.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7
IV 6000	45.5	49.4	51.1	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
IV 5000	48.5	52.6	54.3	54.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0
IV 4500	48.9	53.0	54.7	55.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
IV 4000	50.2	54.3	56.0	56.6	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
IV 3500	50.8	55.1	56.8	57.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5
IV 3000	53.8	58.3	60.7	61.5	62.8	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
IV 2500	55.3	60.2	62.6	63.3	65.0	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
IV 2000	62.2	67.5	70.3	71.4	72.9	73.5	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IV 1800	62.4	67.9	70.7	71.3	73.3	73.9	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6
IV 1500	64.8	70.9	74.8	76.1	78.4	78.9	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7
IV 1200	66.3	72.6	76.7	78.6	81.2	81.8	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
IV 1000	70.9	76.9	81.6	83.5	86.1	87.0	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2
IV 900	71.4	77.6	82.3	84.2	87.0	88.2	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5
IV 800	72.7	78.9	83.6	85.7	88.7	90.0	90.6	90.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
IV 700	73.3	79.5	84.4	86.7	89.8	91.4	91.9	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
IV 600	74.2	80.5	85.5	88.0	91.2	93.0	93.6	93.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
IV 500	74.2	81.0	86.3	89.1	92.3	94.2	95.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
IV 400	74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.8
IV 300	74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0
IV 200	74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0
IV 100	74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0
IV 0	74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AFB GERMANY/KATTERBACH 47.66-70.72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING																
≥ 20000	31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
18000	35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
16000	35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
14000	35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
12000	35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
10000	36.5	37.0	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
9000	36.8	38.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
8000	38.2	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
7000	41.7	42.9	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
6000	44.7	46.1	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
5000	46.2	48.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
4500	46.6	48.5	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
4000	47.9	50.0	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
3500	46.9	50.9	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
3000	52.3	54.7	57.1	57.3	57.5	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
2500	59.2	61.7	64.7	64.8	65.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
2000	67.7	70.3	73.7	73.9	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1800	68.8	71.4	74.7	75.0	75.8	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
1500	73.7	77.3	81.2	81.4	82.1	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
1200	75.2	78.7	82.9	83.1	83.8	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1000	77.4	81.6	86.1	86.3	87.4	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
900	79.1	83.3	88.0	88.3	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
800	79.9	84.0	88.7	89.3	90.2	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
700	80.5	84.6	89.3	90.6	91.7	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
600	81.2	85.3	90.2	91.5	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
500	82.5	86.8	92.7	94.0	95.7	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400	82.5	86.8	92.9	94.2	95.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
300	82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

532

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-70,72

APR  
 1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
≥20000		33.7	34.5	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
IV 18000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 16000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 14000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 12000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 10000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 9000		42.0	42.9	43.5	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 8000		42.9	43.9	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 7000		43.8	46.9	47.6	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 6000		48.8	50.7	51.4	51.4	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 5000		49.9	52.0	52.9	52.9	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 4500		50.1	52.2	53.1	53.1	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 4000		53.1	55.2	56.1	56.1	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 3500		55.4	57.4	58.6	58.6	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 3000		59.3	61.6	62.7	62.7	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 2500		66.3	69.3	71.2	71.2	71.9	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 2000		75.9	79.1	81.4	81.5	82.3	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800		76.3	80.0	82.3	82.1	83.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1500		81.9	85.1	87.6	88.3	89.1	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1200		82.1	85.3	87.8	88.5	89.3	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000		84.2	87.8	90.2	91.0	91.7	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 900		85.3	88.9	91.5	92.5	93.4	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 800		85.7	89.1	91.9	93.0	94.2	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 700		86.3	89.6	92.5	93.8	94.9	95.5	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 600		87.4	90.8	93.6	94.9	96.0	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500		87.8	91.5	94.7	96.2	97.4	97.9	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

531

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~34172~~ ANSBACH AAF GERMANY/KATTERBACH ~~47,66-70,72~~

~~ARR~~

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
≥ 20000	44.0	44.4	45.9	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 18000	50.0	50.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	50.0	50.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 14000	50.0	50.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 12000	50.4	51.1	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 10000	51.9	52.6	54.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 9000	52.6	53.4	54.9	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 8000	56.3	57.3	59.0	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 7000	58.6	59.7	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 6000	62.3	63.8	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 5000	63.8	65.3	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 4500	63.8	65.3	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 4000	67.2	68.7	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 3500	68.3	69.8	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3000	71.3	73.1	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2500	74.6	76.5	78.4	78.7	78.7	79.1	79.5	79.5	79.5	79.5	79.9	80.2	80.2	80.2	80.2	80.2
IV 2000	83.2	85.1	87.3	87.7	87.7	88.1	88.4	88.4	88.4	88.4	88.8	89.2	89.2	89.2	89.2	89.2
IV 1800	84.0	85.8	88.8	89.2	89.2	89.6	89.9	89.9	89.9	89.9	90.3	90.7	90.7	90.7	90.7	90.7
IV 1500	88.8	90.7	93.7	94.0	94.0	94.4	94.8	94.8	94.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5
IV 1200	88.8	90.7	93.7	94.0	94.0	94.4	94.8	94.8	94.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5
IV 1000	89.9	91.8	94.8	95.5	95.5	95.9	96.3	96.3	96.3	96.3	96.6	97.0	97.0	97.0	97.0	97.0
IV 900	90.7	92.5	95.5	96.3	96.3	96.5	97.0	97.0	97.0	97.0	97.4	97.8	97.8	97.8	97.8	97.8
IV 800	90.7	92.5	96.3	97.0	97.0	97.4	97.8	97.8	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.5
IV 700	90.7	92.5	96.3	97.0	97.0	97.4	97.8	97.8	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.5
IV 600	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
IV 500	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
IV 400	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
IV 300	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
IV 200	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
IV 100	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
IV 0	91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

47

ARR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.01
NO CEILING ≥ 20000	65.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 18000	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 16000	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 14000	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 12000	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 10000	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 9000	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 8000	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 7000	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 6000	74.4	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 5000	74.4	76.7	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4500	74.4	76.7	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	75.6	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	75.6	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	77.8	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2500	77.8	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2000	87.8	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1800	87.8	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500	92.6	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.7	98.9	98.9	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

90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

STATION 34172 ANSRACH AAF GERMANY/KATTERBACH CLASS 46-47 KAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

FORM 0-200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	
NO CEILING	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 20000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 18000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 16000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 14000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 12000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 10000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 9000	61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 8000	63.0	63.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
IV 7000	79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
IV 6000	79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
IV 5000	79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
IV 4500	79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
IV 4000	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
IV 3500	85.2	87.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 3000	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 2500	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 2000	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1800	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1500	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1200	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1000	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 900	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 800	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 700	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 600	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 500	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 400	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 300	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 200	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 100	92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 0	92.6	94.4	100.0	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

54



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46-47

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1	≥1.5	≥1	≥1.5	≥1	≥1.5	≥1	≥1.5	≥1
NO CEILING																
≥ 20000	28.6	30.6	36.7	38.8	38.8	43.9	44.9	44.9	44.9	44.9	44.9	45.9	45.9	45.9	48.0	
IV 18000	29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	48.0	49.0	49.0	50.0	50.0	50.0	52.0	
IV 16000	29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	49.0	50.0	50.0	50.0	50.0	52.0	
IV 14000	29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	50.0	50.0	51.0	51.0	51.0	53.1	
IV 12000	29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	50.0	50.0	51.0	51.0	51.0	53.1	
IV 10000	32.7	34.7	43.9	45.9	45.9	51.0	52.0	52.0	53.1	54.1	54.1	55.1	55.1	55.1	57.1	
IV 9000	32.7	34.7	43.9	45.9	45.9	51.0	52.0	52.0	53.1	54.1	54.1	55.1	55.1	55.1	57.1	
IV 8000	32.7	34.7	43.9	45.9	45.9	51.0	52.0	52.0	54.1	55.1	55.1	56.1	56.1	56.1	58.2	
IV 7000	38.8	40.8	50.0	52.0	52.0	58.2	59.2	59.2	61.2	62.2	62.2	63.3	63.3	63.3	65.3	
IV 6000	40.8	42.9	52.0	54.1	54.1	60.2	61.2	61.2	63.3	64.3	64.3	65.3	65.3	65.3	67.3	
IV 5000	41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4	
IV 4500	41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4	
IV 4000	41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4	
IV 3500	41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4	
IV 3000	53.1	56.1	66.3	70.4	70.4	77.6	78.6	78.6	80.6	81.6	81.6	82.7	82.7	82.7	84.7	
IV 2500	53.1	56.1	66.3	71.4	71.4	78.6	79.6	79.6	81.6	82.7	82.7	83.7	83.7	83.7	85.7	
IV 2000	53.1	56.1	68.4	74.5	74.5	82.7	83.7	83.7	85.7	86.7	86.7	87.8	87.8	87.8	89.8	
IV 1800	53.1	56.1	68.4	74.5	74.5	82.7	83.7	83.7	85.7	86.7	86.7	87.8	87.8	87.8	89.8	
IV 1500	54.1	57.1	69.4	78.6	78.6	86.7	87.8	87.8	89.8	90.8	90.8	91.8	91.8	91.8	93.9	
IV 1200	54.1	57.1	69.4	78.6	78.6	86.7	87.8	87.8	89.8	90.8	90.8	91.8	91.8	91.8	93.9	
IV 1000	54.1	57.1	69.4	79.6	79.6	89.8	91.8	91.8	93.9	94.9	94.9	95.9	95.9	95.9	98.0	
IV 900	55.1	58.2	70.4	80.6	80.6	90.8	92.9	92.9	94.9	95.9	95.9	96.9	96.9	96.9	99.0	
IV 800	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 700	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 600	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 500	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 400	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 300	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 200	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 100	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	
IV 0	55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

96

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAAC

# CEILING VERSUS VISIBILITY

04172 STATION ANSBACH AAF GERMANY/KATTERBACH STATION NAME 46-47,66-70,72 MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING ≥ 20000	29.2	31.8	33.5	34.4	34.7	35.2	35.9	35.9	37.0	37.1	37.1	37.1	37.3	37.5	37.5	
IVV 18000 16000	36.4	39.4	41.8	42.7	43.0	43.5	44.6	44.6	45.8	45.9	45.9	45.9	46.1	46.3	46.3	
IVV 14000 12000	36.4	39.4	41.8	42.7	43.0	43.5	44.6	44.6	45.8	45.9	45.9	45.9	46.1	46.3	46.3	
IVV 10000 9000	36.8	39.7	42.1	43.0	43.4	43.9	45.1	45.1	46.6	46.8	46.8	46.8	47.0	47.2	47.2	
IVV 8000 7000	37.5	40.4	42.8	43.7	44.0	44.6	45.8	45.8	47.3	47.5	47.5	47.5	47.7	47.8	47.8	
IVV 6000 5000	37.7	40.8	43.4	44.2	44.6	45.1	46.3	46.3	47.8	48.0	48.0	48.0	48.2	48.4	48.4	
IVV 4500 4000	41.8	45.6	48.7	49.6	49.9	50.6	52.0	52.0	53.5	53.7	53.7	53.7	53.9	54.1	54.1	
IVV 3500 3000	46.3	50.3	53.9	54.9	55.3	56.0	57.2	57.2	59.1	59.2	59.2	59.6	59.8	59.9	59.9	
IVV 2500 2000	49.4	53.4	57.5	58.9	59.2	59.9	61.3	61.3	63.0	63.2	63.2	63.6	63.7	63.9	63.9	
IVV 1800 1500	50.9	54.9	59.1	60.6	61.0	61.7	63.0	63.0	64.8	64.9	64.9	65.3	65.5	65.6	65.6	
IVV 1200 1000	51.5	55.4	59.6	61.1	61.5	62.7	64.1	64.1	66.0	66.1	66.1	66.7	66.8	67.0	67.0	
IVV 900 800	54.1	58.0	62.5	64.2	64.8	66.1	67.5	67.5	69.4	69.6	69.6	70.1	70.3	70.5	70.5	
IVV 700 600	56.0	60.1	64.8	67.0	68.0	69.6	71.0	71.0	72.9	73.1	73.1	73.6	73.7	73.9	73.9	
IVV 500 400	58.7	63.0	68.2	70.5	71.5	73.1	75.2	75.2	77.2	77.4	77.4	77.9	78.1	78.2	78.2	
IVV 300 200	59.8	64.1	69.3	72.0	73.1	74.6	76.9	76.9	78.8	78.9	78.9	79.4	79.6	79.8	79.8	
IVV 100 0	60.8	65.0	72.0	74.8	75.8	77.4	79.6	79.6	81.7	81.9	81.9	82.4	82.6	82.7	82.7	
IVV 0	61.7	66.8	73.9	76.7	77.7	79.3	81.5	81.5	83.6	83.8	83.8	84.3	84.5	84.6	84.6	
IVV 0	62.3	67.7	75.0	77.9	78.9	80.5	82.7	82.7	84.8	85.0	85.0	85.5	85.7	85.8	85.8	
IVV 0	63.3	71.0	78.8	81.9	82.9	84.6	87.2	87.2	89.3	89.5	89.5	90.0	90.2	90.3	90.3	
IVV 0	65.5	71.2	79.1	82.4	83.6	85.8	88.9	88.9	91.0	91.2	91.2	91.7	91.9	92.1	92.1	
IVV 0	66.7	72.6	80.3	83.6	85.0	87.4	90.8	90.8	92.9	93.1	93.1	93.6	93.8	94.0	94.0	
IVV 0	66.8	72.5	80.5	83.8	85.1	88.1	91.5	91.5	93.6	93.8	93.8	94.3	94.5	94.6	94.6	
IVV 0	66.8	72.5	80.8	84.1	85.7	88.9	92.6	92.6	94.7	95.5	95.5	95.9	96.4	96.5	96.7	
IVV 0	67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.6	95.9	96.9	97.4	97.4	97.9	98.1	98.3	
IVV 0	67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.6	95.9	97.2	97.8	97.8	98.3	98.5	98.8	
IVV 0	67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.6	95.9	97.2	97.8	97.8	98.3	98.5	98.8	
IVV 0	67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.6	95.9	97.2	97.8	97.8	98.3	98.5	98.8	
IVV 0	67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.6	95.9	97.2	97.8	97.8	98.3	98.5	98.8	

TOTAL NUMBER OF OBSERVATIONS

379

1

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~34172~~ ~~ANSBACH AAF GERMANY/KATTERBACH~~ ~~46-47, 66-70, 72~~ ~~7485~~ ~~XAY~~

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

4900-1102

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING															
≥ 20000	37.0	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.2
IV 18000	45.9	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 16000	45.9	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 14000	46.1	47.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 12000	46.4	48.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 10000	47.0	48.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 9000	47.8	49.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 8000	51.5	53.0	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 7000	54.4	56.2	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 6000	58.3	60.0	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 5000	59.5	61.2	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 4500	59.8	61.6	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 4000	61.4	63.1	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 3500	62.4	64.2	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 3000	65.0	67.0	69.4	69.9	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 2500	67.1	69.0	71.7	72.5	72.7	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 2000	71.7	73.9	77.4	78.3	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1800	72.3	74.6	78.6	79.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1600	74.1	76.3	80.3	81.7	82.1	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1400	77.0	79.7	83.7	85.0	85.4	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	79.3	82.1	86.8	88.5	88.9	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	79.3	82.3	87.0	88.9	89.4	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 800	79.8	83.1	88.0	90.1	90.8	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 700	80.7	84.5	89.4	91.8	92.9	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 600	80.7	84.5	89.7	92.3	93.7	93.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

575

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 36172 ANSBACH AAF GERMANY/KATTERBACH 46-47.66-70.72 DATE MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING ≥ 20000	33.6	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IVV 18000	43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IVV 16000	43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IVV 14000	43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IVV 12000	43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IVV 10000	44.1	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IVV 9000	47.7	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IVV 8000	47.8	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IVV 7000	50.2	50.7	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
IVV 6000	52.9	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IVV 5000	54.3	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IVV 4500	55.2	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IVV 4000	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IVV 3500	60.6	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IVV 3000	66.6	67.2	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IVV 2500	71.5	72.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IVV 2000	79.1	80.8	82.2	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IVV 1800	79.9	81.8	83.6	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IVV 1500	83.9	86.2	88.1	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IVV 1200	84.8	87.4	89.3	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVV 1000	86.7	89.6	91.5	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IVV 900	88.2	91.2	93.1	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IVV 800	88.8	91.7	93.9	94.3	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVV 700	89.4	92.5	95.3	95.7	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVV 600	89.4	92.6	95.3	96.0	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVV 500	89.8	93.6	96.7	97.6	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 400	89.8	93.6	96.9	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 300	89.8	93.6	96.9	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 200	89.8	93.6	96.9	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 100	89.8	93.6	96.9	97.8	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVV 0	89.8	93.6	96.9	97.8	98.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

578

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47.66-70.72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
IV 18000	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 16000	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 14000	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 12000	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 10000	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 9000	45.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 8000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 7000	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 6000	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 5000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 4500	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 4000	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 3500	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 3000	74.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 2500	80.5	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2000	85.5	86.9	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1800	88.5	89.9	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500	90.1	91.5	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1200	91.8	93.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1000	92.3	94.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900	92.7	94.6	95.3	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	93.0	94.9	96.3	97.0	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	93.6	95.8	97.2	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

574

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-70,72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1600-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥10	≥1	≥0
NO CEILING		41.8	41.8	41.8	41.8	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 20000		50.9	50.9	50.9	50.9	50.9	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 18000		51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 16000		51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 14000		51.6	52.0	52.0	52.0	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 12000		51.6	52.0	52.0	52.0	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 10000		53.8	53.8	53.8	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 9000		53.8	53.8	53.8	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 8000		58.5	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 7000		66.2	66.2	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 6000		70.9	70.9	70.9	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 5000		72.7	73.1	73.1	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4500		73.8	73.8	73.8	73.8	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4000		78.5	78.5	78.5	78.5	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500		80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3000		84.7	85.1	85.1	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500		88.7	88.7	88.7	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000		89.8	91.6	92.0	92.0	92.0	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800		90.5	92.4	92.7	92.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500		92.4	94.2	94.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200		92.4	94.2	94.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1000		93.5	96.0	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900		93.5	96.0	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800		93.5	96.0	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700		93.8	96.4	96.7	96.7	96.7	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600		94.2	96.7	97.1	97.1	97.1	97.5	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500		94.2	97.1	98.5	98.5	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		94.2	97.1	98.5	98.5	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		94.2	97.1	98.5	98.5	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		94.2	97.1	98.5	98.5	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		94.2	97.1	98.5	98.5	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		94.2	97.1	98.5	98.5	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

275

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1				
NO CEILING		58.3	58.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 20000		60.4	60.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 18000		60.4	60.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000		60.4	60.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000		62.5	62.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000		62.5	62.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 10000		66.7	66.7	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
IV 9000		66.7	66.7	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
IV 8000		66.7	66.7	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
IV 7000		81.3	81.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000		85.4	85.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 5000		85.4	85.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500		89.6	89.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000		89.6	89.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3500		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000		93.8	93.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500		93.8	93.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		97.9	97.9	100.0	100.0	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

48

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

000

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
18000	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
16000	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
14000	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
12000	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
10000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
9000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
8000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
7000	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	57.0	57.0
6000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
5000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
4500	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
4000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
3500	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
3000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
2500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
2000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1800	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1500	87.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1200	87.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1000	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
900	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
800	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
700	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
600	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
500	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
400	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
300	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
200	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
100	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
0	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

86



DATA PROCESSING BRANCH  
 USF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4671-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0200-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0	
NO CEILING ≥ 20000		34.4	34.4	34.4	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.9	35.9	35.9	36.6	37.4
IV 18000		38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	40.5	41.2	42.0
IV 16000		38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	40.5	41.2	42.0
IV 14000		39.7	39.7	39.7	40.5	40.5	40.5	40.5	40.5	40.5	40.5	41.2	41.2	41.2	41.2	42.0	42.7
IV 12000		40.5	40.5	40.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	42.0	42.0	42.0	42.7	43.5
IV 10000		42.7	42.7	42.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	45.0	45.0	45.0	45.8	46.6
IV 9000		42.7	42.7	42.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	45.0	45.0	45.0	45.8	46.6
IV 8000		47.3	47.3	47.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.7	52.7	52.7	53.4	54.2
IV 7000		51.9	51.9	51.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	57.3	57.3	57.3	58.0	58.8
IV 6000		54.2	54.2	55.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.3	60.3	60.3	61.1	61.8
IV 5000		56.5	56.5	58.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.4	63.4	63.4	64.1	64.9
IV 4500		56.5	56.5	58.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.4	63.4	63.4	64.1	64.9
IV 4000		58.8	58.8	60.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.6	65.6	65.6	66.4	67.2
IV 3500		60.3	60.3	61.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	67.2	67.2	67.2	67.9	68.7
IV 3000		64.1	64.1	66.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.8	71.8	71.8	72.5	73.3
IV 2500		67.2	67.2	69.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.8	74.8	74.8	75.5	76.3
IV 2000		75.6	76.3	78.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.0	84.0	84.0	84.7	85.5
IV 1800		75.6	76.3	78.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.0	84.0	84.0	84.7	85.5
IV 1500		78.6	80.2	83.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.5	88.5	88.5	89.3	90.1
IV 1200		78.6	80.2	83.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.5	88.5	88.5	89.3	90.1
IV 1000		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	90.1	90.1	90.1	90.8	91.6
IV 900		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	90.1	90.1	90.1	90.8	91.6
IV 800		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	90.1	90.1	90.1	90.8	91.6
IV 700		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	90.1	90.1	90.1	90.8	91.6
IV 600		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	90.1	90.1	90.1	90.8	91.6
IV 500		79.4	80.9	84.0	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	91.6	91.6	91.6	92.4	93.1
IV 400		79.4	80.9	84.0	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	91.6	91.6	91.6	92.4	93.1
IV 300		79.4	80.9	84.0	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	91.6	91.6	91.6	92.4	93.1
IV 200		79.4	80.9	84.0	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	91.6	91.6	91.6	92.4	93.1
IV 100		79.4	80.9	84.0	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	91.6	91.6	91.6	92.4	93.1
IV 0		79.4	80.9	84.7	89.3	89.3	90.1	90.1	90.1	90.1	90.1	90.1	91.6	91.6	91.6	92.4	93.1

TOTAL NUMBER OF OBSERVATIONS

131

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46266-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
≥ 20000	34.6	38.7	40.5	41.7	42.0	42.9	43.2	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	44.2
18000	40.9	45.0	46.8	48.2	48.5	49.3	49.7	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.7
16000	40.9	45.0	46.8	48.2	48.5	49.3	49.7	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.7
14000	41.2	45.5	47.3	48.7	49.0	49.8	50.2	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	51.2
12000	41.2	45.5	47.3	48.7	49.0	49.8	50.2	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	51.2
10000	41.9	46.5	48.3	49.7	50.0	50.8	51.2	51.3	51.7	51.8	51.8	51.8	51.8	51.8	51.8	52.2
9000	42.7	47.5	49.3	50.8	51.2	52.0	52.3	52.5	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.3
8000	47.5	52.5	54.5	56.0	56.3	57.3	58.0	58.1	58.6	58.8	58.8	58.8	58.8	58.8	58.8	59.1
7000	50.3	55.8	58.1	59.6	60.6	61.5	62.3	62.5	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.5
6000	51.8	57.5	60.3	62.0	62.3	64.0	64.8	65.0	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.9
5000	53.3	59.0	61.8	63.8	64.1	65.8	66.8	66.9	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.9
4500	53.5	59.3	62.1	64.1	64.5	66.1	67.1	67.3	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.3
4000	56.0	62.1	65.0	66.9	67.3	69.3	70.3	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.4
3500	57.0	63.1	65.9	67.9	68.3	70.4	71.4	71.6	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.6
3000	57.6	63.5	67.3	69.9	70.3	72.4	73.4	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.6
2500	59.0	65.1	69.1	71.8	72.1	74.6	75.6	75.7	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.7
2000	62.1	68.3	72.3	75.4	75.7	78.2	79.2	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.4
1800	62.3	68.4	72.4	75.6	75.9	78.4	79.4	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.6
1500	63.8	69.9	74.4	77.6	77.9	80.7	81.7	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.9
1200	64.1	70.3	74.9	78.1	78.4	81.4	82.4	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.6
1000	65.4	72.1	77.4	81.1	81.4	84.9	86.0	86.2	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.4
900	65.4	72.3	77.9	81.7	82.1	85.3	86.7	86.9	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.5
800	65.8	72.6	78.2	82.2	82.5	86.0	87.7	87.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.5
700	66.1	72.7	78.6	82.6	82.9	86.4	88.0	88.4	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.5
600	66.6	73.4	79.1	83.1	83.4	87.5	89.2	89.5	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.7
500	67.1	74.1	79.9	84.2	84.6	89.0	91.0	92.0	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.4
400	67.1	74.4	80.2	84.7	85.0	89.5	92.2	93.2	96.2	96.7	97.0	97.2	97.2	97.2	97.2	97.7
300	67.1	74.4	80.2	84.7	85.0	89.5	92.4	93.4	96.3	96.8	97.2	97.7	97.7	97.7	97.7	98.7
200	67.1	74.4	80.2	84.7	85.0	89.5	92.4	93.4	96.3	96.8	97.2	97.7	97.7	97.7	97.7	98.7
100	67.1	74.4	80.2	84.7	85.0	89.5	92.4	93.4	96.3	96.8	97.2	97.7	97.7	97.7	97.7	98.7
0	67.1	74.4	80.2	84.7	85.0	89.5	92.4	93.4	96.3	96.8	97.2	97.7	97.7	97.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

602

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	35.9	36.7	37.5	38.3	39.0	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 18000	44.6	45.4	46.2	47.2	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 16000	44.6	45.4	46.2	47.2	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 14000	45.1	45.9	46.7	47.7	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 12000	45.1	45.9	46.7	47.7	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 10000	46.1	46.4	47.2	48.2	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 9000	46.1	47.0	47.9	48.8	49.5	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 8000	50.5	51.5	52.3	53.5	54.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 7000	52.6	54.1	54.9	56.3	56.9	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 6000	54.9	56.4	57.4	58.7	59.4	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 5000	55.9	57.6	58.6	59.9	60.5	61.7	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 4500	56.3	57.9	59.0	60.4	61.0	62.2	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 4000	57.6	59.2	60.4	61.7	62.3	63.5	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 3500	59.2	60.9	62.0	63.3	64.3	65.5	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 3000	63.8	65.6	66.9	68.4	69.4	70.6	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 2500	65.8	67.8	69.1	70.6	71.5	72.7	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2000	73.0	75.0	76.6	78.5	79.4	80.6	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 1800	73.4	75.3	77.0	78.8	79.8	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 1500	76.3	78.5	80.4	82.2	83.2	84.4	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 1200	77.3	79.4	81.4	82.2	84.2	85.4	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1000	78.1	81.6	83.9	86.0	87.0	88.2	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 900	78.1	81.6	84.4	86.7	87.7	88.8	89.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 800	78.9	82.4	85.2	87.8	88.8	90.1	90.5	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 700	78.9	82.7	85.7	88.8	89.8	91.4	92.3	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	79.1	82.9	86.5	90.0	91.1	92.6	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	79.1	83.2	87.3	91.0	92.3	93.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 400	79.1	83.2	87.3	91.0	92.3	93.2	96.7	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	79.1	83.2	87.3	91.0	92.3	93.2	96.9	97.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	79.1	83.2	87.3	91.0	92.3	93.2	97.2	97.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	79.1	83.2	87.3	91.0	92.3	93.2	97.2	97.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	79.1	83.2	87.3	91.0	92.3	93.2	97.2	97.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

603

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46266-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	30.8	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 18000	37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 16000	37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 14000	37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 12000	37.4	37.9	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
IV 10000	38.1	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
IV 9000	39.0	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 8000	43.6	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 7000	46.3	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 6000	49.6	50.3	50.8	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 5000	50.3	50.9	51.5	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4500	51.8	52.5	53.0	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 4000	53.7	54.4	54.9	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 3500	57.4	58.5	59.0	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 3000	68.0	69.1	69.6	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 2500	72.8	74.2	74.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2000	79.7	81.9	82.6	82.9	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800	80.0	82.2	82.9	83.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1500	84.4	87.0	87.7	88.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	85.6	88.4	89.3	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	87.4	90.1	92.1	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900	87.4	90.1	92.1	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 800	87.5	90.2	92.6	93.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 700	87.9	91.1	93.7	94.9	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 600	88.0	91.3	94.4	95.6	96.2	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 500	88.2	91.5	94.7	96.1	96.8	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	88.2	92.0	95.2	96.6	97.3	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	88.2	92.0	95.2	96.6	97.3	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	88.2	92.0	95.2	96.6	97.3	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	88.2	92.0	95.2	96.6	97.3	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 0	88.2	92.0	95.2	96.6	97.3	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

585

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ SAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1400-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000		35.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 18000		39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 16000		39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 14000		39.5	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 12000		39.7	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 10000		40.2	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
IV 9000		40.9	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 8000		45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 7000		50.5	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
IV 6000		53.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 5000		55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 4500		57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 4000		60.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 3500		64.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 3000		76.0	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2500		81.5	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 2000		86.0	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800		86.4	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1500		88.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1200		89.0	92.1	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000		89.5	92.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 900		89.5	92.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 800		89.5	92.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 700		89.9	93.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 600		89.9	93.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 500		89.9	93.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 400		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 300		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 200		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 100		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 0		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS

572

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 45.66-72.72

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000		47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000		47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 16000		47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000		48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000		48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000		49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 9000		50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 8000		56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 7000		62.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000		63.7	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	65.3
≥ 5000		64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500		66.0	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000		69.5	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3500		71.4	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000		77.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500		81.1	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000		85.5	90.0	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800		87.6	91.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		88.0	91.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200		88.0	91.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000		88.4	91.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900		88.4	91.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800		88.4	91.9	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700		88.4	91.9	95.0	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600		88.4	91.9	95.0	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500		88.4	91.9	95.4	95.8	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400		88.4	92.3	96.5	96.9	97.7	98.5	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		88.4	92.3	96.5	96.9	97.7	98.5	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		88.4	92.3	96.5	96.9	97.7	98.5	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.4	92.3	96.5	96.9	97.7	98.5	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
0		88.4	92.3	96.5	96.9	97.7	98.5	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 259

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 20000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 18000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 16000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 14000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 12000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 10000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 9000		41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 8000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 7000		48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 6000		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
IV 5000		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
IV 4500		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
IV 4000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 3500		60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 3000		61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 2500		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 2000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1800		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1500		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1200		80.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 1000		83.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 900		85.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 800		86.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 700		86.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 600		86.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 500		88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 400		88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	95.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	95.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	95.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	95.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	95.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

68

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .3	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING																
IV 20000		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
IV 18000		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
IV 16000		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
IV 14000		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
IV 12000		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
IV 10000		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
IV 9000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 8000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 6000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000		93.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500		93.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2000		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		95.4	100.0	100.0	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

87



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

JUL  
 0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING		54.7	57.8	57.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 20000		55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000		55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 16000		55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 14000		55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 12000		55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 10000		57.8	60.9	60.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 9000		58.6	61.7	61.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 8000		62.5	65.6	65.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 7000		70.3	73.4	73.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000		76.6	79.7	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000		78.9	82.0	82.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4500		78.9	82.0	82.0	83.6	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000		78.9	82.0	82.0	83.6	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500		80.5	83.6	83.6	85.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000		82.8	89.1	89.1	90.6	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2500		82.8	89.1	89.1	90.6	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000		83.6	90.6	91.4	93.0	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800		83.6	90.6	91.4	93.0	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 200		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 0		85.2	93.0	93.8	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

128

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING -FEET-	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		40.8	42.1	45.3	47.7	48.5	49.6	49.9	49.9	50.8	50.8	50.9	51.1	51.1	51.1	51.1
IV 20000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 18000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 16000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 14000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 12000		45.8	47.2	50.8	53.4	54.6	56.3	57.0	57.0	57.9	57.9	58.0	58.2	58.2	58.2	58.2
IV 10000		47.5	49.1	53.2	56.0	57.2	59.1	59.8	59.8	60.6	60.6	60.8	61.0	61.0	61.0	61.0
IV 9000		48.4	50.1	54.4	57.2	58.4	60.3	61.0	61.0	61.8	61.8	62.0	62.2	62.2	62.2	62.2
IV 8000		51.5	53.2	57.9	60.8	62.2	64.2	64.9	64.9	65.8	65.8	66.0	66.1	66.1	66.1	66.1
IV 7000		54.9	56.8	61.5	65.1	67.4	69.6	70.3	70.3	71.2	71.2	71.3	71.5	71.5	71.5	71.5
IV 6000		58.0	60.1	64.8	68.6	70.8	73.9	74.6	74.6	75.5	75.5	75.6	75.8	75.8	75.8	75.8
IV 5000		58.2	60.6	65.3	69.6	71.8	75.0	75.6	75.6	76.5	76.5	76.7	76.9	76.9	76.9	76.9
IV 4500		58.2	60.6	65.3	69.6	71.8	75.0	75.6	75.6	76.5	76.5	76.7	76.9	76.9	76.9	76.9
IV 4000		58.7	61.3	66.1	70.8	73.1	76.2	76.9	76.9	77.7	77.7	77.9	78.1	78.1	78.1	78.1
IV 3500		60.4	63.2	68.5	73.2	75.5	78.8	79.4	79.4	80.3	80.3	80.5	80.7	80.7	80.7	80.7
IV 3000		62.0	65.6	71.0	75.8	78.1	81.5	82.2	82.2	83.1	83.1	83.2	83.4	83.4	83.4	83.4
IV 2500		63.0	66.8	72.4	77.2	79.4	82.9	83.8	83.9	85.0	85.0	85.1	85.3	85.3	85.3	85.3
IV 2000		64.6	69.4	75.0	79.8	82.0	85.5	86.5	86.7	87.7	87.7	87.9	88.1	88.1	88.1	88.1
IV 1800		64.9	69.8	75.3	80.1	82.4	85.8	86.9	87.0	88.1	88.1	88.3	88.4	88.4	88.4	88.4
IV 1500		66.7	71.8	77.4	82.2	84.5	87.9	88.9	89.1	90.2	90.2	90.3	90.5	90.5	90.5	90.5
IV 1200		67.2	72.4	77.9	82.7	85.0	88.4	89.5	89.6	90.7	90.7	90.8	91.0	91.0	91.0	91.0
IV 1000		67.7	72.9	78.9	83.8	86.0	90.3	91.4	91.7	92.7	92.7	92.9	93.1	93.1	93.1	93.1
IV 900		67.9	73.1	79.3	84.1	86.4	91.2	92.2	92.6	93.6	93.6	93.8	94.0	94.0	94.0	94.0
IV 800		67.9	73.1	79.8	84.6	86.9	91.7	92.7	93.1	94.1	94.1	94.3	94.5	94.5	94.5	94.5
IV 700		68.4	74.1	80.3	85.1	87.4	92.2	93.3	93.6	94.6	94.6	94.8	95.0	95.0	95.0	95.0
IV 600		68.6	74.3	80.7	85.8	88.1	92.9	94.0	94.3	95.3	95.3	95.5	95.7	95.9	95.9	95.9
IV 500		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7
IV 400		68.6	74.3	80.7	86.0	88.3	93.3	94.6	95.0	96.4	97.6	97.9	98.1	98.1	98.1	98.1
IV 300		68.6	74.3	80.7	86.0	88.3	93.3	94.8	95.2	96.7	97.9	98.6	99.0	99.0	99.0	99.1
IV 200		68.6	74.3	80.7	86.0	88.3	93.3	94.8	95.2	96.7	97.9	98.8	99.3	99.3	99.3	99.3
IV 100		68.6	74.3	80.7	86.0	88.3	93.3	94.8	95.2	96.7	97.9	98.3	99.3	99.3	99.3	100.0
IV 0		68.6	74.3	80.7	86.0	88.3	93.3	94.8	95.2	96.7	97.9	98.8	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

379

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6672

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	42.9	44.0	46.0	47.0	47.3	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 18000	45.7	47.4	49.7	50.9	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 16000	45.7	47.4	49.7	50.9	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 14000	46.2	47.9	50.3	51.4	52.1	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 12000	47.0	48.9	51.4	52.6	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 10000	49.7	51.8	54.7	55.9	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 9000	51.3	53.3	56.2	57.4	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 8000	55.0	57.1	60.0	61.2	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 7000	59.8	62.4	65.4	66.6	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 6000	61.7	64.2	67.5	68.7	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 5000	62.5	65.1	68.8	70.0	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 4500	62.5	65.4	69.2	70.4	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 4000	63.7	66.6	70.4	71.7	72.6	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 3500	65.8	69.2	73.1	74.4	75.3	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3000	69.8	73.4	77.5	79.0	79.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2500	73.4	77.0	81.3	82.8	83.6	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	77.3	81.4	85.2	87.7	88.6	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800	79.6	84.0	89.1	90.8	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	79.6	84.0	89.1	90.8	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200	80.1	84.7	89.8	91.5	92.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	80.2	84.8	90.1	91.8	92.7	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900	80.6	85.2	90.5	92.3	93.2	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	81.1	85.7	91.1	93.0	93.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 700	81.4	86.0	91.3	93.4	94.2	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	81.4	86.0	91.3	93.4	94.2	96.6	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 500	81.4	86.0	91.3	93.4	94.2	96.6	97.1	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 387

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

34172      ANSBACH AAF GERMANY/KATTERBACH      46,66,72

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING															
≥ 20000	38.9	38.9	39.0	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 18000	42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 16000	42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 14000	42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 12000	42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 10000	44.3	44.6	44.8	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 9000	45.1	45.5	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 8000	49.8	50.2	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 7000	52.3	52.7	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 6000	55.6	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 5000	57.3	57.7	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 4500	58.5	58.9	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 4000	62.4	62.9	64.1	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 3500	67.1	67.6	67.8	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3000	79.4	80.1	80.7	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	83.7	86.6	87.1	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2000	87.6	88.7	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1800	87.6	88.7	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500	90.6	91.6	92.7	93.2	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	90.9	92.3	93.6	94.1	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	91.6	92.2	94.6	95.3	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	91.8	93.4	94.9	95.5	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	92.3	92.9	95.5	96.2	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	92.9	94.4	96.0	96.7	97.2	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	92.9	94.4	96.0	96.7	97.2	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	93.0	94.8	96.5	97.0	97.6	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.0	94.8	96.5	97.2	97.7	98.8	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.0	94.8	96.5	97.2	97.7	98.8	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.0	94.8	96.5	97.2	97.7	98.8	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.0	94.8	96.5	97.2	97.7	98.8	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.0	94.8	96.5	97.2	97.7	98.8	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

574

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 464672

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
IV 20000	43.5	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 18000	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 16000	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 14000	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 12000	50.4	50.4	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 10000	51.3	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 9000	52.4	52.4	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 8000	57.9	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 7000	62.5	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 6000	64.5	64.5	64.5	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
IV 5000	66.3	66.3	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4500	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4000	71.9	72.1	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 3500	77.4	77.6	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	84.7	85.1	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	88.8	89.2	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	91.5	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	91.5	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	92.9	93.4	93.8	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	93.6	94.1	94.8	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	94.1	94.7	95.7	96.6	96.6	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	94.3	95.0	96.4	97.3	97.3	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	94.5	95.0	96.4	97.3	97.3	97.3	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	94.5	95.0	96.4	97.3	97.3	97.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 0	94.5	95.0	96.4	97.3	97.3	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

563

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/3AC

# CEILING VERSUS VISIBILITY

26172 ANSBACH AAF GERMANY/KATTERBACH 46266-70,72

JUL 1959-2000

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	47.4	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 2000	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
1800	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
1600	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
1400	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
1200	54.5	54.5	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
1000	57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
900	58.2	58.2	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
800	64.2	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
700	69.0	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
600	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
500	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
450	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
400	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
350	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
300	87.7	87.7	87.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
250	90.2	90.2	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
200	92.5	92.5	92.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
190	92.9	92.9	92.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
180	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
170	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
160	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
150	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
140	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
130	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
120	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
110	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
100	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
0	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,72

2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 16000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 14000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 12000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 10000	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
IV 9000	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
IV 8000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000	73.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 5000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4500	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1800	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	100.0	100.0	100.0	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

86

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING															
≥ 20000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 18000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 16000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 14000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 12000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 10000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 9000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 8000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 7000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 6000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	78.5	78.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4500	78.5	78.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	78.5	78.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	79.6	79.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	86.0	87.1	90.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	87.1	90.3	93.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2000	87.1	91.4	93.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800	87.1	91.4	94.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1500	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.3	94.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 4671

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING ≥ 20000		44.1	45.7	46.5	47.2	47.2	48.0	48.0	48.0	49.6	49.6	49.6	50.4	50.4	50.4	50.4
IV 18000		50.4	52.0	52.8	54.3	55.9	57.5	57.5	57.5	59.1	59.1	59.1	59.8	59.8	59.8	59.8
IV 16000		50.4	52.0	52.8	54.3	55.9	57.5	57.5	57.5	59.1	59.1	59.1	59.8	59.8	59.8	59.8
IV 14000		50.4	52.0	52.8	54.3	55.9	57.5	57.5	57.5	59.1	59.1	59.1	59.8	59.8	59.8	59.8
IV 12000		51.2	52.8	53.5	55.1	56.7	58.3	58.3	58.3	59.8	59.8	59.8	60.6	60.6	60.6	60.6
IV 10000		51.2	52.8	54.3	55.9	57.5	59.1	59.1	59.1	60.6	60.6	60.6	61.4	61.4	61.4	61.4
IV 9000		52.0	53.5	55.1	56.7	58.3	59.8	59.8	59.8	61.4	61.4	61.4	62.2	62.2	62.2	62.2
IV 8000		55.9	57.5	59.1	60.6	62.2	63.8	63.8	63.8	65.4	65.4	65.4	66.1	66.1	66.1	66.1
IV 7000		59.1	60.6	62.2	63.8	65.4	66.9	66.9	66.9	68.5	68.5	68.5	69.2	69.2	69.2	69.2
IV 6000		63.8	66.1	67.7	69.3	70.9	72.4	72.4	72.4	74.0	74.0	74.0	75.6	75.6	75.6	76.4
IV 5000		66.9	69.2	70.9	72.4	74.0	75.6	75.6	75.6	77.2	77.2	77.2	78.7	78.7	78.7	79.5
IV 4500		66.9	69.2	70.9	72.4	74.0	75.6	75.6	77.2	78.7	78.7	78.7	79.5	79.5	79.5	79.5
IV 4000		69.2	71.7	73.2	74.8	76.4	78.0	78.0	79.5	81.1	81.1	81.1	81.9	81.9	81.9	81.9
IV 3500		70.9	73.2	74.8	76.4	78.0	80.3	80.3	81.9	83.5	83.5	83.5	84.3	84.3	84.3	84.3
IV 3000		75.6	78.7	81.1	82.7	84.3	86.6	86.6	88.2	89.8	89.8	89.8	90.6	90.6	90.6	90.6
IV 2500		78.7	82.7	85.0	88.2	89.8	92.1	92.1	93.7	95.3	95.3	95.3	96.1	96.1	96.1	96.1
IV 2000		80.3	84.3	86.6	89.8	91.2	93.7	93.7	95.2	96.9	96.9	96.9	97.6	97.6	97.6	97.6
IV 1800		80.3	84.3	86.6	89.8	91.2	93.7	93.7	95.2	96.9	96.9	96.9	97.6	97.6	97.6	97.6
IV 1500		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 1200		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 1000		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 900		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 800		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 700		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 600		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 500		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 400		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 300		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 200		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 100		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 0		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

127

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

04172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

3600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	
NO CEILING																
IV 20000	24.5	26.1	28.8	30.4	30.9	31.8	33.5	34.0	35.0	35.1	35.1	35.9	36.2	36.6	37.0	
IV 18000	29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9	
IV 16000	29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9	
IV 14000	29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9	
IV 12000	29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9	
IV 10000	30.1	32.0	35.3	37.7	38.1	39.6	41.6	42.1	43.4	43.5	43.8	44.6	45.1	45.6	46.2	
IV 9000	30.9	32.8	36.1	38.4	38.9	40.3	42.4	42.9	44.1	44.3	44.6	45.4	46.0	46.5	47.2	
IV 8000	33.7	35.8	39.1	41.5	41.9	43.4	45.6	46.0	47.3	47.5	47.8	48.6	49.2	49.7	50.3	
IV 7000	36.6	39.1	42.4	45.1	45.6	47.2	49.8	50.3	51.6	51.7	52.1	53.0	53.6	54.1	54.7	
IV 6000	40.2	43.4	47.3	50.0	50.5	52.1	54.7	55.2	56.8	57.1	57.4	58.4	59.0	59.5	60.1	
IV 5000	44.3	47.5	52.5	55.2	55.7	57.3	60.3	61.1	62.8	63.1	63.4	64.6	65.2	65.7	66.3	
IV 4500	44.9	48.1	53.2	55.9	56.3	57.9	60.9	61.7	63.4	63.9	64.4	65.7	66.3	66.8	67.4	
IV 4000	46.8	51.1	56.2	58.9	59.3	61.4	64.4	65.2	67.1	67.7	68.2	69.5	70.1	70.7	71.4	
IV 3500	48.1	52.7	58.2	61.1	61.6	63.6	66.8	67.6	69.6	70.4	70.9	72.2	72.8	73.4	74.2	
IV 3000	52.4	57.4	63.5	66.5	66.9	69.0	72.5	73.3	75.3	76.1	76.6	77.8	78.5	79.1	79.9	
IV 2500	53.5	58.5	64.7	67.9	68.4	70.4	73.9	74.8	76.9	77.7	78.2	79.4	80.1	80.7	81.5	
IV 2000	54.1	59.3	65.8	69.0	69.5	71.5	75.0	75.9	78.0	78.8	79.3	80.5	81.2	81.8	82.6	
IV 1800	54.1	59.3	65.8	69.0	69.5	71.5	75.0	75.9	78.0	78.8	79.3	80.5	81.2	81.8	82.6	
IV 1500	56.0	61.4	67.9	71.0	71.5	73.7	77.5	78.6	80.7	81.6	82.1	83.4	84.0	84.7	85.4	
IV 1200	56.5	62.2	68.7	71.8	72.3	74.7	78.5	79.6	81.6	82.6	83.1	84.3	85.0	85.6	86.4	
IV 1000	57.0	62.8	69.6	73.1	73.6	76.1	80.5	81.6	83.7	84.7	85.1	86.4	87.0	87.7	88.4	
IV 900	57.4	63.3	70.3	74.7	75.2	77.7	82.3	83.4	85.4	86.4	86.9	88.1	88.8	89.4	90.2	
IV 800	58.1	63.9	71.4	75.8	76.3	78.8	83.4	84.5	86.6	87.5	88.0	89.2	89.9	90.5	91.3	
IV 700	58.2	64.1	71.8	76.4	76.9	79.4	84.0	85.1	87.2	88.1	88.6	89.9	90.5	91.1	91.9	
IV 600	58.2	64.1	72.0	76.6	77.1	79.6	84.7	85.8	87.8	88.8	89.2	90.5	91.1	91.8	92.6	
IV 500	58.7	64.6	72.6	77.4	77.8	80.5	85.6	86.9	89.2	90.2	90.7	91.9	92.6	93.2	94.0	
IV 400	59.0	64.9	72.9	77.7	78.2	81.2	86.4	87.7	90.0	91.2	91.9	93.4	94.0	94.6	95.7	
IV 300	59.0	64.9	73.1	78.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.8	95.4	96.0	97.6	
IV 200	59.0	64.9	73.1	79.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.9	95.7	96.5	98.1	
IV 100	59.0	64.9	73.1	78.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.9	95.7	96.5	98.7	
IV 0	59.0	64.9	73.1	78.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.9	95.7	96.5	100.0	

TOTAL NUMBER OF OBSERVATIONS

632

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH YEAR 45,66-72

AUG.

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	28.4	29.4	31.3	32.3	33.1	33.7	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
IV 18000	34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 16000	34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 14000	34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 12000	34.8	36.4	39.2	40.1	40.9	41.7	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 10000	35.8	38.4	41.1	42.1	42.9	43.8	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 9000	38.0	39.6	42.4	43.3	44.1	45.1	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 8000	40.9	42.5	45.4	46.4	47.2	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 7000	45.4	47.7	50.5	51.5	52.6	53.6	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 6000	47.8	50.6	54.3	55.2	56.3	57.5	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 5000	49.4	52.2	56.0	57.0	58.1	59.2	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 4500	49.6	52.3	56.2	57.1	58.3	59.4	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 4000	52.0	54.7	58.6	59.6	60.7	62.1	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 3500	53.3	56.0	61.3	62.3	63.4	64.8	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 3000	59.7	62.4	68.2	69.2	70.5	71.9	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 2500	61.6	64.4	70.3	71.4	72.6	74.0	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 2000	63.4	66.3	72.6	73.7	75.0	76.4	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1800	63.6	66.6	72.7	73.8	75.0	76.4	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1500	66.6	69.7	76.6	77.7	79.1	80.6	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1200	69.5	72.9	80.3	81.5	83.3	84.8	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1000	70.3	73.7	81.4	82.2	85.1	87.3	88.1	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 900	70.8	74.2	82.3	84.4	86.2	88.6	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 800	71.1	74.8	83.0	85.2	87.0	89.9	90.7	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 700	71.4	75.1	83.6	85.9	87.6	90.5	91.3	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 600	71.7	75.4	84.3	86.5	88.3	91.2	92.1	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 500	72.1	75.8	85.4	88.1	89.9	93.6	94.9	95.5	96.5	96.5	96.8	96.8	97.0	97.0	97.0	97.0
IV 400	72.1	75.8	85.6	88.3	90.0	93.9	95.3	96.0	97.1	97.4	97.4	97.6	97.6	97.8	97.8	97.8
IV 300	72.2	75.9	85.9	88.8	90.5	94.4	96.0	96.6	98.1	98.6	98.6	98.9	98.9	99.0	99.0	99.2
IV 200	72.2	75.9	86.2	89.1	90.9	94.7	96.3	97.0	98.4	98.9	99.0	99.2	99.2	99.4	99.7	99.8
IV 100	72.2	75.9	86.2	89.1	90.9	94.7	96.3	97.0	98.4	98.9	99.0	99.2	99.2	99.4	99.7	100.0
IV 0	72.2	75.9	86.2	89.1	90.9	94.7	96.3	97.0	98.4	98.9	99.0	99.2	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

623

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	27.9	24.6	28.9	28.9	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
IV 18000 16000	33.8	34.5	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 14000 12000	33.8	34.5	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 10000 9000	35.0	35.7	36.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 8000 7000	38.4	39.1	39.8	39.8	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 6000 5000	42.2	42.9	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 4500 4000	46.6	47.4	48.1	48.1	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 3500 3000	49.5	50.3	51.9	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 2500 2000	50.7	51.7	53.1	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 1800 1500	51.4	52.4	53.7	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 1200 1000	53.1	54.3	55.6	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 900 800	56.0	57.1	58.5	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 700 600	65.5	67.0	69.0	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 500 400	72.8	74.8	77.2	77.4	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 300 200	77.2	79.6	82.0	82.1	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 100 0	77.6	79.9	82.3	82.3	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	79.8	83.0	85.7	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	82.5	85.7	88.6	88.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	83.3	86.6	90.0	90.3	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	83.8	87.1	91.2	91.5	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	84.5	87.8	92.2	92.5	93.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	84.9	88.1	92.5	92.8	94.2	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	85.5	88.8	93.2	93.9	94.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	85.7	88.9	93.4	94.9	95.9	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 538

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24172

ANSBACH AAF GERMANY/KATTERBACH

46,96-72

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05
NO CEILING															
IV 20000	33.3	34.3	34.5	35.2	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IV 18000	38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 16000	38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 14000	38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 12000	39.1	40.4	40.6	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 10000	40.7	42.3	42.7	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 9000	42.5	44.1	44.5	45.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 8000	48.9	50.5	51.1	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 7000	53.9	55.7	56.2	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 6000	56.9	59.4	60.3	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 5000	59.1	61.9	62.8	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 4500	59.8	62.6	63.5	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 4000	62.2	65.1	66.2	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 3500	65.5	68.5	69.9	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 3000	72.8	76.2	78.3	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 2500	78.1	82.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	82.0	86.1	88.8	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1800	82.0	86.1	89.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	84.9	89.0	92.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	85.6	89.7	92.7	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	86.1	90.2	94.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	86.1	90.2	94.5	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	86.3	90.4	94.7	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 700	87.0	91.1	95.4	96.3	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	87.0	91.1	95.4	96.3	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	87.0	91.1	95.6	97.5	98.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

562

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 24172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72,72

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUS, MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	50.7	51.1	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 18000	56.3	56.7	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 16000	56.3	56.7	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 14000	56.3	56.7	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 12000	56.7	57.0	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 10000	58.8	59.5	60.2	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 9000	61.6	62.3	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 8000	67.6	68.3	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 7000	72.2	72.9	73.6	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000	77.1	78.5	79.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	77.3	79.9	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	78.2	80.3	81.3	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000	81.7	83.8	84.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3500	83.8	85.9	87.3	88.4	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	86.5	88.7	90.5	91.5	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	88.7	91.2	93.0	94.0	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	89.1	91.9	93.7	94.7	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800	89.1	91.9	93.7	94.7	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	89.8	92.6	94.4	95.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200	89.8	92.6	94.4	95.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	90.5	93.3	95.4	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	90.5	93.3	95.4	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	90.5	93.3	95.4	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	90.8	94.0	96.5	97.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	90.8	94.0	96.5	97.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

284

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

16172 ANSBACH AAF GERMANY/KATTERBACH 4672

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEIL (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING																
IV 20000	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
IV 18000	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
IV 16000	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
IV 14000	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
IV 12000	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
IV 10000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 9000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 8000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000	78.6	78.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	79.6	79.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	79.6	79.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4000	81.6	81.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 3500	83.7	83.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3000	87.8	87.8	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500	89.8	89.8	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	92.9	92.9	95.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	92.9	92.9	95.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.9	94.9	98.0	100.0	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

98

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING		57.8	57.8	57.8	57.8	57.8	57.8	58.9	58.9	60.0	60.0	60.0	60.0	60.0	60.0	64.4
IV 20000		57.8	57.8	57.8	57.8	57.8	57.8	58.9	58.9	60.0	60.0	60.0	60.0	60.0	60.0	64.4
IV 18000		58.9	58.9	58.9	58.9	58.9	58.9	60.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	65.6
IV 16000		58.9	58.9	58.9	58.9	58.9	58.9	60.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	65.6
IV 14000		61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	67.8
IV 12000		61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	67.8
IV 10000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	68.9
IV 9000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	68.9
IV 8000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	68.9
IV 7000		73.9	76.7	76.7	76.7	76.7	76.7	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	83.3
IV 6000		80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	92.2
IV 5000		80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	92.2
IV 4500		80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	92.2
IV 4000		83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	90.0	90.0	90.0	90.0	90.0	90.0	95.6
IV 3500		83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	90.0	90.0	90.0	90.0	90.0	90.0	95.6
IV 3000		83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	90.0	90.0	90.0	90.0	90.0	90.0	95.6
IV 2500		84.4	87.8	87.8	87.8	88.9	88.9	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	96.7
IV 2000		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1800		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1500		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1200		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1000		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 900		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 800		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 700		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 600		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 500		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 400		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 300		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 200		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 100		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 0		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS

90



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		40.3	40.3	40.3	43.5	43.5	43.5	45.2	46.0	46.0	46.0	46.0	46.8	46.8	47.6	54.0
IV 20000		42.7	42.7	42.7	46.0	46.0	46.0	47.6	48.4	48.4	48.4	48.4	49.2	49.2	50.0	56.5
IV 18000		42.7	42.7	42.7	46.0	46.0	46.0	47.6	48.4	48.4	48.4	48.4	49.2	49.2	50.0	56.5
IV 16000		42.7	42.7	42.7	46.0	46.0	46.0	47.6	48.4	48.4	48.4	48.4	49.2	49.2	50.0	56.5
IV 14000		44.4	44.4	44.4	47.6	47.6	47.6	49.2	50.0	50.0	50.0	50.0	50.8	50.8	51.6	58.1
IV 12000		45.2	45.2	45.2	48.4	48.4	48.4	50.0	50.8	50.8	50.8	50.8	51.6	51.6	52.4	58.9
IV 10000		47.6	47.6	47.6	50.8	50.8	50.8	52.4	53.2	53.2	53.2	53.2	54.0	54.0	54.8	61.3
IV 9000		47.6	47.6	47.6	50.8	50.8	50.8	52.4	53.2	53.2	53.2	53.2	54.0	54.0	54.8	62.1
IV 8000		50.0	50.0	50.0	53.2	53.2	53.2	54.8	55.6	55.6	55.6	55.6	56.4	56.4	57.2	66.1
IV 7000		55.6	58.1	58.1	62.1	62.1	62.1	63.7	64.5	64.5	64.5	64.5	66.9	67.7	68.5	75.0
IV 6000		61.3	63.7	63.7	67.7	67.7	67.7	69.4	70.2	71.0	71.0	71.0	72.6	73.4	74.2	82.3
IV 5000		61.3	63.7	63.7	67.7	67.7	67.7	69.4	70.2	71.0	71.0	71.0	72.6	73.4	74.2	82.3
IV 4500		62.9	65.3	65.3	69.4	69.4	69.4	71.0	71.8	72.6	72.6	72.6	74.2	75.0	75.8	83.9
IV 4000		65.3	67.7	67.7	71.8	71.8	71.8	73.4	74.2	75.0	75.0	75.0	76.6	77.4	78.2	86.3
IV 3500		66.1	68.5	68.5	72.6	72.6	72.6	73.0	75.8	76.6	76.6	76.6	78.2	79.0	79.8	87.9
IV 3000		68.5	71.0	71.0	75.0	75.0	75.0	77.4	78.2	79.0	79.0	79.0	80.6	81.4	82.2	90.3
IV 2500		71.0	73.4	73.4	77.4	77.4	77.4	79.8	80.6	81.4	81.4	81.4	83.0	83.8	84.6	92.7
IV 2000		73.8	76.2	76.2	80.2	80.2	80.2	82.6	83.4	84.2	84.2	84.2	85.8	86.6	87.4	95.5
IV 1800		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 1500		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 1200		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 1000		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 900		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 800		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 700		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 600		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 500		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 400		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 300		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 200		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 100		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5
IV 0		75.8	78.2	78.2	82.2	82.2	82.2	84.6	85.4	86.2	86.2	86.2	87.8	88.6	89.4	97.5

TOTAL NUMBER OF OBSERVATIONS

124

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	21.1	23.5	29.5	32.2	32.4	34.3	37.6	37.6	41.2	42.0	42.7	43.4	45.1	46.0	47.9	
IV 18000	24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8	
IV 16000	24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8	
IV 14000	24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8	
IV 12000	24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8	
IV 10000	24.7	27.3	34.5	37.2	37.4	39.3	42.7	42.7	46.5	47.3	48.0	48.7	50.4	51.3	53.3	
IV 9000	25.2	27.8	35.2	37.9	38.1	40.1	43.6	43.6	47.4	48.2	48.9	50.6	51.5	52.5	54.5	
IV 8000	27.8	30.4	38.3	41.0	41.3	44.1	48.0	48.2	52.5	53.3	54.0	54.7	56.4	57.3	59.3	
IV 7000	28.8	31.6	40.3	43.7	44.1	46.8	50.8	50.9	55.2	56.1	56.8	57.5	59.2	60.2	62.3	
IV 6000	30.9	34.0	44.4	48.2	48.5	51.3	55.2	55.4	59.9	60.7	61.4	62.3	64.0	64.8	66.9	
IV 5000	32.6	36.2	47.2	51.1	51.5	54.7	58.7	58.8	63.3	64.2	64.8	65.7	67.4	68.4	70.5	
IV 4500	32.6	36.2	47.2	51.1	51.5	54.7	58.7	58.8	63.3	64.2	64.8	65.7	67.4	68.4	70.5	
IV 4000	34.1	38.1	49.7	54.2	54.7	58.3	62.3	62.4	66.9	67.8	68.4	69.3	71.4	72.2	74.3	
IV 3500	35.7	39.6	51.5	56.3	56.8	60.5	64.5	64.7	69.1	70.0	70.7	71.5	73.6	74.4	76.5	
IV 3000	38.3	42.2	54.7	60.5	61.2	65.2	69.3	69.5	73.9	74.8	75.6	76.5	78.9	79.8	81.8	
IV 2500	39.3	43.4	55.9	61.7	62.4	66.4	70.7	70.8	75.8	76.7	77.5	78.4	80.8	81.6	83.9	
IV 2000	41.3	45.3	57.8	63.8	64.5	68.6	73.4	73.8	78.9	79.8	80.6	81.5	83.9	84.7	87.0	
IV 1800	41.3	45.3	57.8	63.8	64.5	68.6	73.4	73.8	78.9	79.8	80.6	81.5	83.9	84.7	87.0	
IV 1500	43.2	47.2	60.0	66.0	66.7	71.0	75.8	76.2	81.3	82.2	83.0	83.9	86.3	87.1	89.4	
IV 1200	43.9	47.9	60.7	66.7	67.4	71.7	76.5	76.8	82.0	82.8	83.7	84.6	87.0	87.8	90.1	
IV 1000	44.8	49.2	62.3	68.4	69.1	73.8	78.6	78.9	84.0	84.9	85.8	86.6	89.0	89.9	92.1	
IV 900	44.8	49.2	62.3	68.4	69.1	73.8	78.6	78.9	84.0	84.9	85.8	86.6	89.0	89.9	92.1	
IV 800	44.9	49.4	62.4	68.6	69.3	73.9	79.1	79.4	84.7	85.6	86.5	87.4	89.8	90.7	92.9	
IV 700	45.1	49.6	62.6	69.0	69.6	74.3	79.4	79.8	85.4	86.3	87.2	88.1	90.5	91.4	93.6	
IV 600	45.6	50.1	63.1	69.5	70.2	75.0	80.1	80.4	86.2	87.1	88.0	88.9	91.3	92.2	94.4	
IV 500	46.0	50.4	63.5	69.8	70.7	75.5	80.4	80.8	86.8	87.7	88.6	89.5	91.9	92.8	95.0	
IV 400	46.1	50.6	63.6	70.0	70.8	75.5	80.6	81.0	87.1	88.0	88.9	89.8	92.2	93.1	95.3	
IV 300	46.1	50.6	63.6	70.0	70.8	75.5	80.6	81.0	87.1	88.0	88.9	89.8	92.2	93.1	95.3	
IV 200	46.1	50.6	63.6	70.0	70.8	75.5	80.6	81.0	87.1	88.0	88.9	89.8	92.2	93.1	95.3	
IV 100	46.1	50.6	63.6	70.0	70.8	75.5	80.6	81.0	87.1	88.0	88.9	89.8	92.2	93.1	95.3	
IV 0	46.1	50.6	63.6	70.0	70.8	75.5	80.6	81.0	87.1	88.0	88.9	89.8	92.2	93.1	95.3	

TOTAL NUMBER OF OBSERVATIONS

583

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34173 ANSBACH AAF GERMANY/KATTERBACH 46,6672

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STAT IN MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0
NO CEILING															
≥ 20000	34.1	30.7	41.0	43.2	43.8	44.8	45.4	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 18000	38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.5	53.5
IV 17000	39.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.5	53.9
IV 14000	38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.5	53.9
IV 12000	38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.5	53.9
IV 10000	39.0	41.7	47.6	50.0	50.8	52.2	52.4	53.5	54.4	54.4	54.4	54.4	54.4	54.6	54.9
IV 9000	40.0	42.9	49.2	51.5	52.4	53.7	54.9	55.1	55.9	56.1	56.1	56.1	56.3	56.3	56.6
IV 8000	42.6	46.1	52.9	55.4	56.4	57.8	59.1	59.3	60.1	60.3	60.3	60.3	60.3	60.5	60.8
IV 7000	46.1	49.8	56.8	59.6	60.6	62.3	63.7	63.9	64.7	64.9	64.9	64.9	65.0	65.0	65.4
IV 6000	49.2	53.4	60.5	63.3	64.4	66.0	67.4	67.6	68.6	68.8	68.8	68.8	68.8	68.9	69.3
IV 5000	50.3	54.6	61.8	64.7	65.7	67.6	68.9	69.1	70.1	70.3	70.3	70.3	70.4	70.4	70.8
IV 4500	50.7	54.9	62.2	65.2	66.4	68.2	69.6	69.8	70.8	70.9	70.9	70.9	71.1	71.1	71.5
IV 4000	52.5	56.9	65.0	68.2	69.6	71.5	73.0	73.1	74.3	74.3	74.3	74.3	74.8	75.0	75.3
IV 3500	53.4	57.8	66.0	69.3	70.6	72.8	74.3	74.5	75.7	76.2	76.2	76.2	76.4	76.4	76.7
IV 3000	55.4	60.1	68.8	72.0	73.3	75.5	77.0	77.2	78.4	78.9	78.9	78.9	79.1	79.1	79.4
IV 2500	56.4	61.3	70.9	74.2	75.8	78.4	80.4	80.7	82.1	82.6	82.6	82.6	82.8	82.8	83.1
IV 2000	60.0	65.0	74.7	77.9	80.1	82.6	84.6	85.0	86.5	87.0	87.0	87.0	87.2	87.2	87.5
IV 1800	60.1	65.2	75.0	78.2	80.4	82.9	85.0	85.3	86.8	87.3	87.3	87.3	87.5	87.5	87.8
IV 1500	62.3	67.5	77.5	80.7	82.9	85.3	87.5	87.8	89.4	89.9	89.9	89.9	90.0	90.0	90.4
IV 1200	62.8	68.2	78.2	81.4	83.8	86.3	88.3	88.7	90.2	90.7	90.7	90.7	90.9	90.9	91.2
IV 1000	64.0	70.3	80.4	83.6	86.0	88.3	90.5	90.9	92.4	92.9	92.9	92.9	93.1	93.1	93.4
IV 800	64.2	70.4	80.6	83.8	86.2	88.5	90.9	91.2	92.7	93.2	93.2	93.2	93.4	93.4	93.8
IV 700	64.4	70.6	81.3	84.5	87.2	89.7	92.4	92.7	94.3	94.8	94.8	94.8	95.1	95.1	95.4
IV 600	64.9	71.1	81.8	85.0	88.0	90.9	93.6	94.1	95.7	96.2	96.2	96.2	96.5	96.5	96.8
IV 500	65.0	71.5	82.3	85.5	88.5	91.4	94.1	94.6	96.1	96.6	96.6	96.6	96.8	96.8	97.1
IV 400	65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.8	97.8	98.0
IV 300	65.0	71.6	82.4	85.6	88.7	91.6	94.6	94.9	97.1	97.6	97.6	97.6	97.8	97.8	98.2
IV 200	65.0	71.6	82.4	85.6	88.7	91.6	94.6	95.1	97.3	97.8	97.8	97.8	98.0	98.0	98.3
IV 100	65.0	71.6	82.4	85.6	88.7	91.6	94.6	95.1	97.3	97.8	97.8	97.8	98.0	98.0	98.3
IV 0	65.0	71.6	82.4	85.6	88.7	91.6	94.6	95.1	97.3	97.8	97.8	97.8	98.0	98.0	98.3

TOTAL NUMBER OF OBSERVATIONS

592

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

36172 ANSBACH AAF GERMANY/KATTERBACH 4606672

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	37.3	39.8	41.8	43.0	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 18000	44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 16000	44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 14000	44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 12000	44.7	47.9	50.4	51.6	52.8	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 10000	45.3	48.4	50.9	52.1	53.3	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 9000	45.3	48.4	50.9	52.1	53.3	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 8000	48.8	51.9	54.4	55.6	56.8	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 7000	52.8	56.7	59.1	60.4	61.6	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 6000	57.1	60.2	62.6	64.0	65.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 5000	57.0	61.1	63.7	65.1	66.3	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 4500	57.7	61.8	64.4	66.0	67.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 4000	59.8	63.9	66.8	68.4	69.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 3500	62.9	66.5	70.0	71.6	73.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 3000	66.7	71.2	75.1	76.7	78.1	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 2500	70.7	75.4	79.6	81.6	83.3	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	77.0	82.3	86.8	88.6	90.5	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	77.2	82.6	87.0	88.9	90.7	92.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500	80.0	85.6	90.0	92.1	93.9	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200	81.1	87.0	91.6	93.7	95.4	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	81.1	87.2	91.8	94.0	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	81.1	87.2	91.8	94.0	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	81.1	87.2	91.8	94.0	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	81.2	87.4	91.9	94.2	96.0	97.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

370

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6672 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-1700

CEILING FEET	VISIBILITY - STATUTE MILES														
	≤10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	42.4	43.0	44.9	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	46.0	49.1	51.1	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 18000	48.0	49.1	51.1	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 16000	48.0	49.1	51.1	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 14000	48.2	49.3	51.3	52.3	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 12000	48.7	49.8	51.8	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 10000	51.1	52.2	54.2	55.2	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 9000	51.2	52.9	54.9	56.0	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 8000	56.5	56.5	60.5	61.9	61.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 7000	52.1	54.4	66.4	67.9	67.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 6000	65.2	67.5	69.5	71.3	71.3	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5600	67.9	70.2	72.2	74.0	74.0	75.1	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 4500	68.8	71.1	73.1	74.9	74.9	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 4000	70.8	73.6	75.6	77.4	77.4	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	74.4	77.4	79.4	81.2	81.2	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3000	78.3	81.4	83.8	86.1	86.1	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	81.8	85.2	87.7	90.3	90.3	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	84.3	87.9	90.8	93.3	93.3	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1800	84.3	87.9	90.8	93.3	93.3	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1500	85.2	89.0	91.9	94.4	94.4	95.7	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	85.4	89.4	92.2	94.8	94.8	96.0	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	86.3	90.3	93.3	96.2	96.2	97.7	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	86.5	90.4	93.5	96.4	96.4	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	86.5	90.4	93.5	96.4	96.4	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	86.5	90.4	93.5	96.6	96.6	98.2	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	86.5	90.4	93.5	96.6	96.6	98.2	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	86.5	90.6	93.7	96.8	96.8	98.4	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

534

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 24172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1		
NO CEILING ≥ 2000	52.1	54.8	54.8	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IVM 8000	56.4	59.1	59.1	59.5	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IVM 4000	56.4	59.1	59.1	59.5	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IVM 12000	56.8	59.5	59.5	59.8	59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IVM 10000	57.5	60.2	60.2	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IVM 8000	62.3	65.0	65.0	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IVM 7000	68.3	71.4	71.4	72.2	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IVM 6000	72.2	75.3	75.3	76.1	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IVM 5000	76.1	79.3	79.3	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IVM 4500	76.4	79.9	79.9	81.1	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IVM 4000	77.6	81.1	81.1	82.2	82.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IVM 3500	80.3	84.6	84.6	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IVM 1000	83.4	88.4	88.4	89.6	89.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IVM 2500	86.5	91.5	91.5	93.1	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVM 2000	88.0	93.1	93.1	94.2	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVM 1800	88.0	93.1	93.1	94.2	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVM 1500	88.8	93.8	93.8	95.0	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IVM 1200	88.8	93.8	93.8	95.0	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IVM 1000	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 900	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 800	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 700	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 600	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 500	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 400	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 300	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 200	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 100	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 0	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

259

DATA PROCESSING BRANCH  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4472

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 18000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 16000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 14000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 12000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 10000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 9000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 8000	71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
IV 7000	75.8	76.8	76.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.9
IV 6000	78.9	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.1
IV 5000	83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
IV 4500	83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
IV 4000	83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
IV 3500	83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
IV 3000	85.3	86.3	86.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.4
IV 2500	89.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.6
IV 2000	89.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.6
IV 1800	89.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.6
IV 1500	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 1200	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 1000	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 900	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 800	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 700	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 600	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 500	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 400	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 300	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 200	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 100	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
IV 0	91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7

TOTAL NUMBER OF OBSERVATIONS 95

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

CGT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																	
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1/2	≥ 1/4	≥ 0		
NO CEILING ≥ 20000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 18000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 16000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 14000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 12000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 10000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 9000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	54.9	57.1
IV 8000		50.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	56.0	56.0	56.0	58.2
IV 7000		50.5	56.0	57.1	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	59.3	61.5
IV 6000		50.5	56.0	57.1	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	59.3	61.5
IV 5000		50.5	56.0	57.1	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	59.3	61.5
IV 4500		50.5	56.0	57.1	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	59.3	61.5
IV 4000		50.5	56.0	57.1	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	59.3	61.5
IV 3500		52.7	58.2	59.3	59.3	59.3	59.3	60.4	60.4	60.4	60.4	60.4	60.4	61.5	61.5	61.5	63.7	
IV 3000		53.8	59.3	63.7	63.7	63.7	63.7	64.8	64.8	64.8	64.8	64.8	64.8	65.9	65.9	65.9	68.1	
IV 2500		57.1	62.9	67.0	69.2	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	71.4	71.4	71.4	73.6	
IV 2000		63.7	70.3	74.7	76.9	76.9	76.9	78.0	78.0	78.0	78.0	78.0	78.0	79.1	79.1	79.1	81.3	
IV 1800		63.7	70.3	74.7	76.9	76.9	76.9	78.0	78.0	78.0	78.0	78.0	78.0	79.1	79.1	79.1	81.3	
IV 1500		69.2	78.0	82.4	85.7	85.7	85.7	86.8	86.8	86.8	86.8	86.8	86.8	87.9	87.9	87.9	90.1	
IV 1200		70.3	81.3	85.7	89.0	89.0	89.0	90.1	90.1	90.1	90.1	90.1	90.1	91.2	91.2	91.2	93.4	
IV 1000		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 900		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 800		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 700		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 600		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 500		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 400		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 300		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 200		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 100		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	93.4	95.6	
IV 0		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	94.5	94.5	94.5	100.0	

TOTAL NUMBER OF OBSERVATIONS

91



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

OCY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .4	≥ .3	≥ .2	≥ .1	
NO CEILING																	
IV 20000	43.8	43.8	44.6	47.1	47.1	48.8	48.8	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	50.4	
IV 18000	43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.2	
IV 16000	43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.2	
IV 14000	43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.2	
IV 12000	44.6	44.6	45.5	48.8	48.8	50.4	50.4	50.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	52.1	
IV 10000	44.6	44.6	45.5	48.8	48.8	50.4	50.4	50.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	52.1	
IV 9000	44.6	44.6	45.5	48.8	48.8	50.4	50.4	50.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	52.1	
IV 8000	44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	
IV 7000	44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	
IV 6000	44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	
IV 5000	44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	
IV 4500	44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	
IV 4000	47.1	47.1	47.9	52.1	52.1	53.7	54.5	54.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	59.5	
IV 3500	48.8	48.8	49.6	53.7	53.7	55.4	56.2	56.2	59.5	59.5	60.3	60.3	60.3	60.3	60.3	61.2	
IV 3000	54.5	54.5	55.4	60.3	60.3	62.8	62.8	62.8	66.1	66.1	66.9	66.9	66.9	66.9	66.9	68.6	
IV 2500	59.5	59.5	60.3	65.2	65.2	66.9	67.8	67.8	71.1	71.1	71.9	71.9	71.9	71.9	71.9	73.6	
IV 2000	65.2	66.1	66.9	71.9	71.9	74.4	76.0	76.0	80.2	80.2	81.0	81.0	81.0	81.0	81.0	82.6	
IV 1800	65.2	66.1	66.9	71.9	71.9	74.4	76.0	76.0	80.2	80.2	81.0	81.0	81.0	81.0	81.0	82.6	
IV 1500	69.4	73.6	75.2	80.2	80.2	82.6	84.3	84.3	89.3	89.3	90.1	90.1	90.1	90.1	90.1	91.7	
IV 1200	69.4	73.6	75.2	80.2	80.2	82.6	84.3	84.3	89.3	89.3	90.1	90.1	90.1	90.1	90.1	91.7	
IV 1000	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 900	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 800	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 700	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 600	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 500	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 400	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 300	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 200	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 100	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	
IV 0	70.2	75.2	76.9	81.8	81.8	84.3	86.0	86.0	90.9	90.9	91.7	91.7	91.7	91.7	91.7	93.4	

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46,6572

GCI

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
IV 20000	17.6	18.9	21.4	23.2	23.8	26.2	27.8	27.8	30.1	30.1	30.6	31.2	31.8	32.1	34.6	
IV 18000	19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5	
IV 16000	19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5	
IV 14000	19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5	
IV 12000	19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5	
IV 10000	20.9	22.6	26.1	28.1	28.4	31.0	32.9	32.9	35.4	35.4	36.0	36.7	37.3	37.6	41.0	
IV 9000	21.4	23.2	26.7	28.7	29.0	31.7	33.5	33.5	36.0	36.0	36.7	37.3	37.9	38.2	41.7	
IV 8000	22.0	24.2	27.8	30.0	30.6	33.2	35.6	35.6	38.4	38.4	39.0	39.6	40.2	40.6	44.0	
IV 7000	22.9	25.4	29.0	31.7	32.3	34.9	37.4	37.4	40.6	40.6	41.2	41.8	42.4	42.7	46.2	
IV 6000	23.9	26.4	30.4	33.2	33.9	36.5	39.2	39.2	42.3	42.3	42.9	43.5	44.1	44.5	47.9	
IV 5000	24.5	27.1	31.5	34.6	35.4	38.1	40.7	40.7	43.8	43.8	44.5	45.1	45.7	46.0	49.5	
IV 4500	25.0	27.8	32.3	35.4	36.2	38.8	41.5	41.5	44.6	44.6	45.2	45.9	46.5	46.8	50.2	
IV 4000	27.0	30.0	34.9	38.4	39.3	42.1	45.1	45.2	48.2	48.2	48.9	49.6	50.2	50.5	54.0	
IV 3500	28.1	31.4	36.3	39.9	40.9	43.7	46.6	46.8	49.8	49.8	50.4	51.2	51.8	52.1	55.5	
IV 3000	30.4	34.2	40.6	44.8	45.7	48.5	51.5	51.6	54.8	54.8	55.4	56.2	56.9	57.3	60.7	
IV 2500	31.2	35.1	41.8	46.2	47.1	49.9	53.0	53.2	56.5	56.5	57.1	58.0	58.7	59.3	62.7	
IV 2000	32.3	36.2	42.9	47.3	48.2	51.0	54.1	54.2	57.6	57.6	58.2	59.2	59.9	60.7	64.2	
IV 1800	32.6	36.5	43.2	47.6	48.5	51.3	54.4	54.6	57.9	57.9	58.5	59.6	60.2	61.0	64.6	
IV 1500	34.0	38.4	45.2	49.8	50.7	53.7	56.8	56.9	60.4	60.4	61.0	62.1	62.7	63.5	67.1	
IV 1200	34.5	38.8	45.9	50.5	51.5	54.8	57.9	58.0	61.6	61.6	62.2	63.7	64.3	65.1	68.6	
IV 1000	35.7	40.6	48.2	53.2	54.1	57.4	60.7	60.8	64.9	64.9	65.1	65.8	67.2	67.9	72.2	
IV 900	35.9	40.7	48.4	53.7	54.6	57.9	61.2	61.3	65.4	65.4	65.5	66.3	67.7	68.3	72.7	
IV 800	36.0	41.5	49.6	55.2	56.2	59.8	63.0	63.2	67.2	67.2	67.6	68.3	69.7	70.4	74.9	
IV 700	36.7	42.1	50.2	56.0	56.9	61.0	64.4	64.6	69.3	69.3	69.7	70.5	71.9	72.5	77.2	
IV 600	37.3	42.9	51.5	57.3	58.2	62.4	65.8	66.0	70.7	70.7	71.3	72.2	73.8	74.4	79.1	
IV 500	37.9	43.8	52.9	58.7	59.6	63.8	68.3	68.5	73.6	73.6	74.4	75.3	77.1	77.7	82.4	
IV 400	37.9	43.8	52.9	58.7	60.1	64.3	69.3	69.4	74.6	74.6	75.8	76.9	78.8	79.7	84.9	
IV 300	37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	75.4	76.6	77.8	80.2	81.4	86.0	
IV 200	37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	75.4	76.6	77.8	80.7	82.4	87.0	
IV 100	37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	75.4	76.6	77.8	80.7	82.4	87.0	
IV 0	37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	75.4	76.6	77.8	80.7	82.5	87.1	

TOTAL NUMBER OF OBSERVATIONS

641

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 00172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

— OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0400-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	21.9	23.6	26.2	28.7	30.3	31.5	32.4	32.5	33.5	33.5	33.7	34.0	34.1	34.1	34.3	
IV 18000	24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6	
IV 16000	24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6	
IV 14000	24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6	
IV 12000	24.8	26.8	30.0	32.8	34.4	35.6	36.4	36.6	37.6	37.6	37.8	38.0	38.2	38.2	38.9	
IV 10000	26.1	28.1	31.6	34.4	36.0	37.2	38.0	38.2	39.2	39.2	39.4	39.7	39.8	39.8	40.5	
IV 9000	26.8	28.9	32.7	35.6	37.2	38.5	39.5	39.7	40.7	40.7	40.8	41.1	41.3	41.3	42.0	
IV 8000	29.8	31.6	35.6	38.5	40.2	41.5	42.6	42.7	43.7	43.7	43.9	44.2	44.3	44.3	45.0	
IV 7000	30.8	32.9	37.2	40.1	41.8	43.1	44.3	44.5	45.5	45.6	45.9	46.2	46.4	46.4	47.1	
IV 6000	31.5	34.0	38.2	41.1	42.9	44.2	45.8	45.9	46.9	47.1	47.4	47.7	47.8	47.8	48.5	
IV 5000	33.1	35.9	40.1	43.1	44.9	46.2	47.5	48.0	49.0	49.1	49.4	49.7	49.9	49.9	50.6	
IV 4500	33.1	35.9	40.4	43.4	45.2	46.5	48.1	48.3	49.3	49.4	49.7	50.0	50.1	50.1	50.9	
IV 4000	34.7	37.5	42.0	45.3	47.1	48.8	50.6	50.7	51.7	51.9	52.2	52.5	52.6	52.6	53.4	
IV 3500	36.0	38.8	43.3	46.6	48.4	50.1	51.9	52.0	53.1	53.2	53.5	53.8	53.9	53.9	54.7	
IV 3000	38.5	41.3	46.1	49.6	51.3	53.1	55.0	55.1	56.1	56.3	56.6	56.9	57.0	57.0	57.9	
IV 2500	40.2	43.1	48.0	51.6	53.4	55.2	57.3	57.4	58.5	58.6	58.9	59.2	59.3	59.3	60.2	
IV 2000	41.8	44.9	50.3	54.2	56.0	58.5	60.6	60.8	61.8	62.0	62.2	62.5	62.7	62.7	63.7	
IV 1800	42.1	45.2	50.5	54.5	56.3	58.7	60.9	61.1	62.1	62.2	62.5	62.8	63.0	63.0	64.0	
IV 1500	43.7	47.1	52.9	56.9	58.6	61.2	63.4	63.6	64.6	64.7	65.0	65.3	65.6	65.6	66.6	
IV 1200	44.6	48.3	54.4	58.6	60.3	63.1	65.3	65.5	66.5	66.6	66.9	67.2	67.5	67.6	68.7	
IV 1000	46.1	49.9	56.1	60.8	62.5	65.2	67.8	67.9	69.1	69.2	69.5	69.8	70.1	70.3	71.3	
IV 900	46.4	50.1	56.6	61.2	63.0	65.9	68.5	68.7	70.0	70.1	70.4	70.7	71.0	71.1	72.2	
IV 800	46.6	51.3	57.9	62.7	64.4	67.6	70.4	70.6	71.9	72.2	72.4	72.7	73.2	73.3	74.3	
IV 700	46.9	52.2	59.2	64.6	66.3	70.1	73.5	73.8	75.4	75.7	75.9	76.2	76.7	76.8	78.0	
IV 600	47.7	53.4	60.9	66.3	68.2	72.6	76.7	77.1	79.0	79.3	79.7	80.0	80.5	80.8	81.9	
IV 500	47.7	53.6	61.4	66.9	69.0	73.5	77.8	78.3	80.9	81.6	82.1	82.4	82.8	83.1	84.3	
IV 400	47.8	53.8	61.7	67.3	69.4	74.5	79.4	79.9	82.9	84.0	85.1	86.0	87.3	87.6	89.1	
IV 300	48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.5	84.8	86.2	87.2	89.2	89.7	92.1	
IV 200	48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.7	85.0	86.3	87.9	90.1	91.1	97.4	
IV 100	48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.7	85.0	86.3	87.9	90.1	92.0	98.7	
IV 0	48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.7	85.0	86.3	87.9	90.1	92.1	100.0	

TOTAL NUMBER OF OBSERVATIONS

586

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

36172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

CGT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
IV 20000	35.8	36.2	40.2	41.8	47.1	42.5	43.3	43.3	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 18000	38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 16000	38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 14000	38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 12000	38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 10000	39.0	39.7	44.3	46.2	46.5	47.4	48.1	48.1	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 9000	39.7	40.6	45.2	47.1	47.4	48.4	49.1	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 8000	41.2	42.1	46.6	48.5	48.8	50.0	50.9	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 7000	42.7	43.7	48.2	50.1	50.4	51.6	52.5	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 6000	44.9	46.3	50.9	52.8	53.1	54.4	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 5000	45.7	47.2	51.8	53.7	54.0	55.2	56.2	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 4500	45.9	47.4	51.9	53.8	54.1	55.4	56.3	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 4000	47.7	49.1	54.1	56.0	56.3	57.6	58.5	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 3500	49.3	50.9	55.9	57.8	58.1	59.7	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 3000	50.7	52.5	57.5	59.4	59.7	61.6	62.5	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 2500	54.1	56.3	61.3	63.5	63.8	65.7	66.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 2000	57.0	59.3	65.1	67.4	67.9	69.9	71.0	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 1800	57.3	59.8	65.7	68.0	68.5	70.5	71.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 1500	60.0	62.5	68.9	71.6	72.0	74.8	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 1200	61.1	63.9	70.5	73.3	73.9	76.8	78.0	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 1000	62.9	65.8	73.2	76.4	77.1	80.2	81.4	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 900	63.2	66.1	73.5	77.1	78.2	81.4	83.1	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 800	63.5	66.9	74.6	78.3	79.5	83.3	85.5	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 700	64.3	68.3	77.0	80.6	81.8	85.9	88.6	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 600	65.4	69.5	78.2	82.1	83.4	87.8	90.6	90.9	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 500	66.4	70.5	79.2	83.1	84.5	89.0	92.1	92.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 400	66.9	71.0	79.8	84.3	86.1	90.8	94.3	94.6	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 300	66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 200	66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 100	66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 0	66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS

682

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

172 ANSBACH AAF GERMANY/KATTERRACH 466572

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
≥ 20000	39.0	41.1	41.8	42.6	42.9	43.2	44.3	44.3	44.6	44.9	45.1	45.1	45.1	45.1	45.1	45.1
IV 18000	42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1
IV 16000	42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1
IV 14000	42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1
IV 12000	42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	42.5	44.8	47.0	47.7	48.1	48.8	50.2	50.2	50.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2
IV 9000	43.1	45.6	47.9	48.7	49.0	49.8	51.2	51.2	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.1
IV 8000	46.7	49.5	52.6	53.3	53.7	54.4	55.8	55.8	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8
IV 7000	48.7	51.8	54.9	56.0	56.2	57.1	58.5	58.5	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.4
IV 6000	49.9	53.2	56.5	57.5	57.9	58.8	60.3	60.3	60.8	61.1	61.3	61.3	61.3	61.3	61.3	61.3
IV 5000	51.2	54.4	57.9	58.9	59.3	60.2	61.7	61.7	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7
IV 4500	51.2	54.4	57.9	58.9	59.3	60.2	61.7	61.7	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7
IV 4000	53.0	56.5	59.9	61.0	61.3	62.2	63.8	63.8	64.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7
IV 3500	55.8	59.4	62.8	63.9	64.2	65.3	66.9	66.9	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8
IV 3000	58.5	62.1	65.5	66.9	67.2	68.4	70.1	70.1	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2
IV 2500	62.1	66.1	69.7	71.2	71.5	72.8	74.5	74.5	75.0	75.4	75.6	75.6	75.6	75.6	75.6	75.6
IV 2000	64.9	69.2	73.6	75.1	75.4	76.7	78.4	78.4	78.8	79.3	79.5	79.5	79.5	79.5	79.5	79.5
IV 1800	65.2	69.5	74.0	75.6	75.9	77.1	78.8	78.8	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 1500	66.9	72.2	78.1	79.8	80.1	81.8	83.5	83.5	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6
IV 1200	68.3	74.5	81.0	82.9	83.2	84.9	86.6	86.6	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7
IV 1000	69.5	76.5	83.2	85.2	85.7	87.4	89.1	89.1	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2
IV 900	69.8	76.8	83.7	85.2	85.6	88.5	90.2	90.2	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3
IV 800	70.3	77.8	84.6	87.1	87.6	89.6	91.3	91.3	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4
IV 700	71.1	78.5	85.5	88.2	88.6	91.6	93.3	93.3	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7
IV 600	71.4	78.8	85.8	88.5	89.0	91.9	93.9	93.9	94.4	95.2	95.5	95.5	95.5	95.5	95.5	95.5
IV 500	72.0	79.3	86.4	89.3	89.7	93.0	95.0	95.2	96.1	96.9	97.2	97.2	97.2	97.2	97.2	97.2
IV 400	72.0	79.8	86.9	90.4	91.0	94.4	96.4	96.6	97.7	98.4	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	72.0	79.8	86.9	90.4	91.0	94.4	96.4	96.6	97.7	98.4	98.9	99.2	99.2	99.2	99.2	99.2
IV 200	72.0	79.8	86.9	90.4	91.0	94.4	96.4	96.6	97.7	98.4	98.9	99.2	99.2	99.2	99.2	99.2
IV 100	72.2	79.9	87.1	90.5	91.1	94.6	96.6	96.7	97.8	98.6	99.1	99.4	99.4	99.4	99.4	99.7
IV 0	72.2	79.9	87.1	90.5	91.1	94.6	96.6	96.7	97.8	98.6	99.1	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

643

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

ECT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1.4	≥1	≥1.4	≥1	≥1.4	≥1	≥1.4	≥1	≥1.4
NO CEILING																
≥ 20000	40.9	42.9	45.5	47.9	47.9	48.8	49.9	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 18000	42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 16000	42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 14000	42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 12000	42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 10000	42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 9000	42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 8000	44.2	46.5	50.5	53.1	53.1	54.1	55.1	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 7000	46.5	49.2	53.1	56.1	56.1	57.1	58.1	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 6000	48.2	50.8	54.8	57.8	57.8	58.7	60.1	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 5000	48.8	52.1	56.1	59.1	59.1	60.1	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 4500	48.8	52.5	56.4	59.4	59.4	60.7	62.0	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 4000	49.8	53.5	58.1	61.1	61.1	62.7	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 3500	51.8	55.8	61.1	64.0	64.0	65.7	67.0	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 3000	53.1	57.1	63.0	66.0	66.0	68.0	69.3	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 2500	57.1	62.0	68.0	71.3	71.3	73.3	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 2000	59.4	64.7	71.3	74.6	74.6	76.6	77.9	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 1800	59.7	65.3	71.9	75.2	75.2	77.2	78.5	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1500	62.4	69.3	76.6	81.2	81.2	82.8	85.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1200	63.0	70.6	77.9	82.8	82.8	85.5	87.1	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1000	64.7	72.6	80.5	85.5	85.5	88.1	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 900	64.7	72.6	80.5	85.5	85.5	88.1	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 800	64.7	72.6	80.5	85.5	85.5	88.1	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 700	65.3	73.9	82.2	87.5	87.5	90.1	91.7	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 600	65.3	73.9	82.2	87.5	87.5	90.1	91.7	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 500	66.3	74.9	83.5	88.8	89.1	91.7	93.4	94.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 400	66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 300	66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 200	66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 100	66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 0	66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

303

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4672

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	>1	≥4	≥3	≥2.5	≥2	≥1
NO CEILING																
≥ 20000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 18000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 16000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 14000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 12000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 9000	54.6	57.7	57.7	59.8	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 8000	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 7000	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 5000	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 4500	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 4000	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 3500	57.7	60.8	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 3000	59.8	62.9	66.0	68.0	68.0	68.0	68.0	69.1	69.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 2500	62.9	69.1	72.2	74.2	74.2	74.2	74.2	75.3	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 2000	64.9	71.1	73.3	77.3	77.3	77.3	77.3	78.4	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1800	64.9	71.1	73.3	77.3	77.3	77.3	77.3	78.4	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1500	72.2	78.4	82.5	86.6	86.6	86.6	86.6	87.6	87.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	73.2	82.5	86.6	90.7	90.7	90.7	90.7	91.8	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	74.2	83.5	90.7	94.8	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	74.2	83.5	90.7	94.8	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	74.2	83.5	90.7	94.8	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 700	74.2	83.5	90.7	94.8	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 600	74.2	83.5	90.7	94.8	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 500	75.3	86.6	93.8	97.9	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	75.3	86.6	93.8	97.9	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	75.3	86.6	93.8	97.9	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	75.3	86.6	93.8	97.9	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	75.3	86.6	93.8	97.9	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	75.3	86.6	93.8	97.9	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

XCIV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1		
NO CEILING																
IV 20000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 18000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 16000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 14000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 12000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 10000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 9000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	42.2
IV 8000		34.4	38.9	38.9	40.0	40.0	43.3	43.3	43.3	43.3	43.3	43.3	44.4	44.4	44.4	45.6
IV 7000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9	50.0
IV 6000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9	50.0
IV 5000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9	50.0
IV 4500		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9	50.0
IV 4000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9	50.0
V 3500		41.1	45.6	45.6	46.7	46.7	50.0	50.0	50.0	50.0	50.0	50.0	51.1	51.1	51.1	52.2
IV 3000		44.4	48.9	48.9	50.0	50.0	53.3	53.3	53.3	53.3	53.3	53.3	54.4	54.4	54.4	55.6
IV 2500		48.9	53.3	53.3	54.4	54.4	57.8	57.8	57.8	57.8	57.8	57.8	58.9	58.9	58.9	60.0
IV 2000		53.3	57.8	57.8	58.9	58.9	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	64.4
IV 1800		53.3	57.8	57.8	58.9	58.9	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	64.4
IV 1500		54.4	62.2	62.2	66.7	66.7	70.0	70.0	70.0	70.0	70.0	70.0	71.1	71.1	71.1	72.2
IV 1200		54.4	62.2	62.2	66.7	66.7	72.2	72.2	73.3	73.3	73.3	73.3	74.4	74.4	74.4	75.6
IV 1000		55.6	64.4	65.6	70.0	70.0	75.6	75.6	76.7	76.7	76.7	76.7	77.8	77.8	77.8	80.0
IV 900		55.6	65.6	66.7	71.1	71.1	76.7	76.7	77.8	77.8	77.8	77.8	78.9	78.9	78.9	80.0
IV 800		55.6	65.6	66.7	71.1	71.1	76.7	76.7	77.8	77.8	77.8	77.8	78.9	78.9	78.9	80.0
IV 700		56.7	66.7	67.8	72.2	72.2	77.8	77.8	78.9	78.9	78.9	78.9	80.0	80.0	80.0	81.1
IV 600		56.7	66.7	67.8	72.2	72.2	77.8	77.8	78.9	78.9	78.9	78.9	80.0	80.0	80.0	81.1
IV 500		56.7	66.7	67.8	72.2	72.2	77.8	77.8	78.9	78.9	78.9	78.9	80.0	80.0	80.0	81.1
IV 400		56.7	67.8	68.9	73.3	73.3	78.9	78.9	80.0	80.0	80.0	80.0	81.1	81.1	81.1	82.2
IV 300		56.7	67.8	68.9	73.3	73.3	78.9	78.9	80.0	80.0	80.0	80.0	81.1	81.1	81.1	82.2
IV 200		56.7	67.8	68.9	73.3	73.3	78.9	78.9	80.0	80.0	80.0	80.0	81.1	81.1	81.1	82.2
IV 100		56.7	67.8	68.9	73.3	73.3	78.9	78.9	80.0	80.0	80.0	80.0	81.1	81.1	81.1	82.2
IV 0		56.7	67.8	68.9	73.3	73.3	78.9	78.9	80.0	80.0	80.0	80.0	81.1	81.1	81.1	82.2

TOTAL NUMBER OF OBSERVATIONS

90



DATA PROCESSING "RANCH"  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4671

AGV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0200-0500

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING														
≥ 20000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
18000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
16000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
14000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
12000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
10000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
9000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4
8000	26.3	28.3	32.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	38.4	38.4	38.4
7000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4
6000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4
5000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4
4500	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4
4000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4
3500	32.3	35.4	39.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	45.5	45.5	45.5
3000	38.4	41.4	45.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	51.5	51.5	51.5
2500	43.4	47.5	51.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.6	58.6	58.6
2000	48.5	55.6	59.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.7	66.7	66.7
1800	48.5	55.6	59.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.7	66.7	66.7
1500	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
1200	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
1000	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
900	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
800	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
700	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
600	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
500	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
400	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
300	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
200	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
100	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7
0	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7

TOTAL NUMBER OF OBSERVATIONS

99

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,5372

ACW

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

5400-0800

CEILING FEET	VISIBILITY IN STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01
NO CEILING	15.0	15.4	17.2	18.1	18.1	20.2	21.1	21.1	21.5	22.2	22.2	22.6	22.9	23.1	24.4
≥ 20000	15.4	15.7	17.6	18.5	18.5	20.7	21.7	21.7	22.4	22.8	22.8	23.1	23.3	23.4	24.2
IV 18000	15.4	13.7	17.6	18.5	18.5	20.7	21.7	21.7	22.4	22.8	22.8	23.1	23.3	23.7	25.2
IV 16000	15.4	15.7	17.6	18.5	18.5	20.7	21.7	21.7	22.4	22.8	22.8	23.1	23.3	23.7	25.2
IV 14000	15.6	15.9	17.8	18.7	18.7	20.9	21.9	21.9	22.6	23.0	23.0	23.3	23.5	23.9	25.4
IV 12000	15.6	15.9	17.8	18.7	18.7	20.9	21.9	21.9	22.6	23.0	23.0	23.3	23.5	23.9	25.4
IV 10000	15.7	16.1	18.0	18.9	18.9	21.1	22.0	22.0	22.8	23.1	23.1	23.3	23.7	24.1	25.6
IV 9000	16.3	16.7	18.7	19.6	19.6	21.9	22.8	22.8	23.5	23.9	23.9	24.3	24.4	24.8	26.3
IV 8000	18.3	18.7	21.3	22.6	22.6	23.2	26.1	26.1	27.0	27.4	27.4	28.0	28.1	28.5	30.0
IV 7000	20.9	21.3	24.1	25.4	25.4	28.0	28.9	28.9	29.8	30.2	30.2	30.7	30.9	31.3	32.8
IV 6000	24.3	25.0	28.9	30.7	30.7	33.3	34.3	34.3	35.6	36.1	36.1	36.3	36.9	37.4	38.9
IV 5000	25.8	26.7	30.7	32.6	32.6	35.2	36.1	36.1	37.6	38.1	38.1	38.3	38.9	39.4	40.9
IV 4500	26.5	27.4	31.5	33.5	33.5	36.1	37.0	37.0	38.7	39.3	39.3	39.4	40.0	40.2	42.0
IV 4000	27.0	28.0	32.8	35.2	35.2	38.3	39.3	39.3	40.7	41.5	41.5	41.7	42.4	42.6	44.4
IV 3500	27.2	28.7	33.7	36.1	36.1	39.3	40.2	40.2	41.9	42.4	42.4	42.6	43.3	43.5	45.4
IV 3000	28.5	30.0	35.0	37.6	37.6	40.7	41.7	41.7	43.3	43.9	43.9	44.1	44.8	45.0	46.9
IV 2500	29.3	31.1	36.9	40.2	40.2	43.7	44.6	44.6	46.2	46.9	46.9	47.2	48.0	48.1	48.5
IV 2000	32.4	34.6	40.8	44.6	44.6	49.1	50.0	50.0	51.9	52.4	52.4	52.8	53.3	53.7	54.1
IV 1800	33.0	35.2	41.1	45.2	45.2	49.6	50.6	50.6	52.4	53.0	53.0	53.3	54.1	54.3	54.6
IV 1500	34.1	36.3	43.9	49.1	49.1	53.9	54.8	54.8	56.7	57.2	57.2	57.6	58.3	58.5	58.9
IV 1200	34.3	37.4	44.4	50.2	50.2	55.3	57.4	57.4	59.3	59.8	59.8	60.2	60.9	61.1	61.5
IV 1000	35.9	37.3	48.0	55.0	55.0	62.0	63.9	63.9	65.7	66.3	66.3	66.9	67.6	67.8	68.1
IV 900	35.1	39.4	48.1	55.6	55.6	63.1	65.0	65.0	66.9	67.4	67.4	68.0	68.7	68.9	69.3
IV 800	36.3	40.0	49.3	57.8	57.8	64.8	67.0	67.0	69.1	69.6	69.6	70.2	70.9	71.1	71.5
IV 700	38.9	40.4	49.6	57.6	58.0	63.4	68.0	68.1	70.4	70.9	70.9	71.5	72.2	72.4	72.8
IV 600	37.0	40.7	50.7	59.6	60.2	67.6	71.5	71.7	74.8	75.4	75.4	75.9	76.7	77.2	77.6
IV 500	37.0	40.7	50.7	59.6	60.2	67.6	71.5	71.7	74.8	75.4	75.4	75.9	76.7	77.2	77.6
IV 400	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	81.7	82.4	83.0
IV 300	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	81.7	82.4	83.0
IV 200	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	81.7	82.4	83.0
IV 100	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	81.7	82.4	83.0
IV C	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	81.7	82.4	83.0

TOTAL NUMBER OF OBSERVATIONS

540

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

84172 ANSBACH AAF GERMANY/KATTERBACH 46,5572 J2V

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS.

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING ≥ 20000	11.9	12.1	15.1	16.8	17.1	17.6	18.5	18.5	18.8	19.2	19.5	19.7	19.8	20.0		
IV 18000	14.9	16.1	18.6	20.5	20.8	21.4	22.2	22.2	22.7	22.7	23.1	23.4	23.6	23.7	23.9	
IV 6000	14.9	16.1	18.6	20.5	20.8	21.4	22.2	22.2	22.7	22.7	23.1	23.4	23.6	23.7	23.9	
IV 14000	14.9	16.1	18.6	20.5	20.8	21.4	22.2	22.2	22.7	22.7	23.1	23.4	23.6	23.7	23.9	
IV 12000	15.3	16.4	19.0	20.8	21.2	21.7	22.5	22.5	23.1	23.1	23.4	23.7	23.9	24.1	24.2	
IV 10000	15.5	16.8	19.3	21.2	21.5	22.4	23.2	23.2	23.7	23.7	24.1	24.4	24.6	24.7	24.9	
IV 9000	15.8	16.9	19.5	21.4	21.7	22.5	23.4	23.4	23.9	23.9	24.2	24.6	24.7	24.9	25.1	
IV 8000	19.1	21.0	23.6	25.6	26.1	26.9	27.8	27.8	28.3	28.3	28.6	29.0	29.2	29.3	29.5	
IV 7000	21.2	22.4	24.9	27.3	27.8	28.6	29.5	29.5	30.0	30.0	30.2	30.7	30.9	31.0	31.2	
IV 6000	24.4	25.6	28.5	30.8	31.4	32.4	33.2	33.2	33.7	33.7	34.1	34.4	34.6	34.7	35.3	
IV 5000	26.8	28.1	31.0	33.4	33.9	34.9	35.8	35.8	36.3	36.4	36.8	37.1	37.3	37.5	38.1	
IV 4500	27.8	29.3	32.2	34.6	35.1	36.1	36.9	36.9	37.5	37.6	38.0	38.3	38.5	38.6	39.3	
IV 4000	29.5	31.2	34.6	36.9	37.6	38.6	39.5	39.5	40.0	40.2	40.5	40.8	41.0	41.2	41.9	
IV 3500	30.3	32.4	35.9	38.3	39.0	40.0	40.8	40.8	41.4	41.5	41.9	42.2	42.4	42.5	43.2	
IV 3000	32.2	34.6	38.1	40.5	41.2	42.4	43.2	43.2	43.9	44.1	44.4	44.7	44.9	45.1	45.8	
IV 2500	33.6	36.4	40.5	43.7	44.4	45.8	46.6	46.6	47.3	47.5	47.8	48.1	48.3	48.5	49.2	
IV 2000	35.4	38.5	43.6	46.8	47.5	49.0	49.8	49.8	50.5	50.7	51.0	51.4	51.5	51.7	52.4	
IV 1800	35.8	38.8	43.9	47.5	48.1	49.7	50.5	50.5	51.2	51.4	51.7	52.0	52.2	52.4	53.1	
IV 1500	38.8	42.0	47.8	51.5	52.2	53.9	54.7	54.9	56.1	56.3	56.6	56.9	57.1	57.3	58.0	
IV 1200	39.8	43.2	49.3	53.2	54.2	56.1	57.3	57.5	58.6	58.8	59.2	59.5	59.7	59.8	60.5	
IV 1000	43.2	46.6	53.4	57.8	59.0	61.5	63.6	63.9	65.8	66.1	66.8	67.1	67.3	67.5	68.1	
IV 900	43.7	47.1	53.9	58.3	59.5	62.2	64.6	64.9	66.9	67.3	68.0	68.3	68.5	68.6	69.3	
IV 800	44.6	48.1	55.9	60.8	62.0	65.1	67.8	68.1	70.2	70.7	71.5	72.0	72.2	72.4	73.1	
IV 700	45.1	48.6	56.4	61.4	62.7	65.9	69.3	69.8	72.0	72.5	73.4	73.9	74.1	74.2	74.9	
IV 600	45.1	48.6	56.4	62.0	63.4	66.8	71.2	71.7	74.2	74.7	75.6	76.1	76.4	76.6	77.3	
IV 500	45.1	48.8	56.9	62.5	64.1	67.8	72.5	73.2	76.9	77.8	78.8	79.7	80.3	80.5	81.2	
IV 400	45.3	49.0	57.3	62.9	64.6	69.0	74.1	74.9	80.3	81.9	83.4	84.7	86.1	86.4	87.1	
IV 300	45.3	49.0	57.3	63.1	64.7	69.8	75.1	75.9	81.7	83.4	84.9	86.6	88.3	89.0	91.7	
IV 200	45.4	49.2	57.5	63.2	64.9	70.0	75.3	76.1	81.9	83.6	85.6	87.3	89.3	90.7	93.8	
IV 100	45.4	49.2	57.5	63.2	64.9	70.0	75.3	76.1	81.9	83.6	85.6	87.3	89.3	90.7	93.8	
IV 0	45.4	49.2	57.5	63.2	64.9	70.0	75.3	76.1	81.9	83.6	85.6	87.3	89.3	90.7	93.8	

TOTAL NUMBER OF OBSERVATIONS

590

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

3472 ANSBACH AFB GERMANY/KATTERBACH 4465-72

ADV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING		13.1	14.2	16.0	18.6	19.0	19.5	20.5	20.6	21.5	21.7	21.9	21.9	21.9	21.9	21.9
≥ 20000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 18000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 16000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 14000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 12000		18.1	19.3	22.2	24.4	24.7	25.3	26.3	26.9	27.3	27.5	27.6	27.6	27.6	27.6	27.6
IV 10000		18.6	19.8	22.7	24.9	25.3	25.9	26.9	27.3	28.0	28.1	28.3	28.3	28.3	28.3	28.3
IV 9000		19.3	20.5	23.4	25.6	25.9	26.6	27.6	28.0	28.6	28.8	29.0	29.0	29.0	29.0	29.0
IV 8000		23.4	24.6	27.5	29.7	30.0	30.7	31.7	32.0	32.7	32.9	33.1	33.1	33.1	33.1	33.1
IV 7000		24.7	26.1	29.0	31.4	31.7	32.5	33.6	33.9	34.6	34.7	34.9	34.9	34.9	34.9	34.9
IV 6000		28.1	29.5	32.4	34.9	35.4	36.4	37.5	37.8	38.5	38.6	38.8	38.8	38.8	38.8	38.8
IV 5000		30.0	31.4	34.2	36.8	37.3	38.3	39.3	39.7	40.3	40.5	40.7	40.7	40.7	40.7	40.7
IV 4500		30.0	31.4	34.2	36.8	37.3	38.3	39.3	39.7	40.3	40.5	40.7	40.7	40.7	40.7	40.7
IV 4000		31.5	32.9	35.8	38.3	39.0	40.0	41.2	41.5	42.2	42.4	42.5	42.5	42.5	42.5	42.5
IV 3500		32.2	34.1	37.5	40.3	41.0	42.0	43.2	43.6	44.2	44.4	44.6	44.6	44.6	44.6	44.6
IV 3000		33.4	35.3	39.0	41.9	42.5	43.6	44.7	45.1	45.8	45.9	46.1	46.1	46.1	46.1	46.1
IV 2500		35.4	37.8	41.3	44.4	45.3	46.4	47.8	48.1	48.8	49.0	49.2	49.2	49.2	49.2	49.2
IV 2000		38.5	41.4	45.6	48.6	49.5	50.7	52.0	52.4	53.1	53.2	53.4	53.4	53.4	53.4	53.4
IV 1800		39.0	41.9	46.4	49.5	50.3	51.5	52.9	53.2	53.9	54.1	54.2	54.2	54.2	54.2	54.2
IV 1500		44.9	48.1	53.6	57.1	58.0	59.7	61.2	61.7	62.5	62.7	62.9	62.9	62.9	62.9	62.9
IV 1200		46.3	50.5	56.1	59.7	61.2	62.9	64.4	64.9	65.8	65.9	66.1	66.1	66.1	66.1	66.1
IV 1000		49.3	54.2	60.8	64.7	66.4	68.1	70.0	70.5	71.4	71.9	72.0	72.0	72.0	72.0	72.0
IV 900		50.5	55.4	62.0	66.4	68.3	70.2	72.0	72.7	74.1	74.6	74.7	74.7	74.7	74.7	74.7
IV 800		51.4	56.4	63.4	67.8	69.7	71.5	73.4	74.1	75.4	75.9	76.1	76.1	76.1	76.1	76.1
IV 700		52.2	57.3	64.2	69.2	71.4	73.6	75.4	76.1	77.3	78.3	78.5	78.5	78.5	78.5	78.5
IV 600		52.4	57.5	65.1	70.3	72.5	75.6	77.8	78.5	80.5	81.2	81.5	81.5	81.5	81.5	81.5
IV 500		52.4	57.6	65.3	71.2	73.6	77.6	80.3	81.4	84.4	85.1	85.4	85.4	85.8	85.8	85.8
IV 400		52.5	57.8	65.8	71.9	74.2	79.2	82.2	83.4	87.1	88.1	89.0	89.5	90.0	90.0	90.0
IV 300		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.5	90.5	92.0	92.7	93.2	93.4	94.1
IV 200		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.7	90.8	92.5	94.6	95.6	96.1	97.8
IV 100		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.7	90.8	92.5	94.6	95.6	96.1	97.8
IV 0		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.7	90.8	92.5	94.6	95.6	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

590

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH 46,65-72

ACV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	20	25	24	23	22	22	21	21	21	20	20	19	19	18	18
NO CEILING		17.8	18.9	20.3	21.2	21.7	21.7	21.7	21.7	22.3	22.3	22.3	22.3	22.5	22.5	22.5
≥ 20000		21.9	23.2	25.3	26.6	27.1	27.1	27.6	27.6	28.2	28.2	28.2	28.2	28.3	28.3	28.3
IV 18000		21.9	23.2	25.3	26.6	27.1	27.1	27.6	27.6	28.2	28.2	28.2	28.2	28.3	28.3	28.3
IV 16000		21.9	23.2	25.3	26.6	27.1	27.1	27.6	27.6	28.2	28.2	28.2	28.2	28.3	28.3	28.3
IV 14000		22.3	23.5	25.7	26.9	27.5	27.5	28.0	28.0	28.5	28.5	28.5	28.5	28.7	28.7	28.7
IV 12000		22.3	23.5	25.8	27.1	27.5	27.6	28.2	28.2	28.7	28.7	28.7	28.7	28.9	28.9	28.9
IV 10000		22.8	24.1	26.0	28.0	28.5	28.5	29.1	29.1	29.6	29.6	29.6	29.6	29.8	29.8	29.8
IV 9000		23.5	24.8	27.3	28.7	29.2	29.2	29.8	29.8	30.3	30.3	30.3	30.3	30.5	30.5	30.5
IV 8000		25.8	27.1	29.6	31.0	31.6	31.6	32.1	32.1	32.6	32.6	32.6	32.6	32.8	32.8	32.8
IV 7000		27.8	29.2	31.9	33.3	33.9	34.0	34.6	34.6	35.1	35.1	35.1	35.1	35.3	35.3	35.3
IV 6000		31.0	32.4	35.7	37.8	38.3	38.5	39.0	39.0	39.6	39.6	39.6	39.6	39.8	39.8	39.8
IV 5000		32.3	33.7	37.1	39.2	39.8	39.9	40.5	40.5	41.0	41.0	41.0	41.0	41.2	41.2	41.2
IV 4500		33.0	34.4	37.8	39.9	40.5	40.6	41.2	41.2	41.7	41.7	41.7	41.7	41.9	41.9	41.9
IV 4000		34.2	36.0	39.4	41.5	42.1	42.2	42.8	42.8	43.3	43.3	43.3	43.3	43.5	43.5	43.5
IV 3500		36.0	38.9	42.4	44.7	45.3	45.5	46.0	46.0	46.5	46.5	46.5	46.5	46.7	46.7	46.7
IV 3000		41.0	42.1	46.9	49.2	49.7	49.9	50.4	50.4	51.0	51.0	51.0	51.0	51.2	51.2	51.2
IV 2500		42.4	44.4	48.1	50.6	51.2	51.3	52.0	52.0	52.6	52.6	52.6	52.6	52.8	52.8	52.8
IV 2000		45.2	47.6	52.2	55.1	55.6	55.8	56.5	56.5	57.4	57.4	57.4	57.4	57.6	57.6	57.6
IV 1800		45.6	48.3	53.3	56.1	56.7	57.2	57.9	57.9	58.8	58.8	58.8	58.8	59.0	59.0	59.0
IV 1500		51.9	54.4	59.7	62.7	63.3	64.5	65.2	65.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5
IV 1200		53.8	57.0	62.7	66.0	66.5	67.7	68.4	68.4	69.5	69.5	69.5	69.5	69.7	69.7	69.7
IV 1000		54.9	58.5	65.2	68.4	69.0	71.1	71.8	71.8	73.1	73.3	73.3	73.3	73.4	73.4	73.4
IV 900		56.7	60.2	67.2	70.4	70.9	73.1	74.0	74.0	75.8	75.9	75.9	75.9	76.1	76.1	76.1
IV 800		57.4	61.7	69.0	72.7	73.3	75.6	76.5	76.5	78.4	78.6	78.6	78.6	78.8	78.8	78.8
IV 700		57.8	62.2	69.3	73.8	74.3	76.8	77.7	77.7	80.2	80.6	81.1	81.1	81.3	81.3	81.3
IV 600		58.1	62.9	70.4	74.7	75.4	79.1	80.2	80.4	83.6	84.0	84.5	84.5	84.7	84.7	84.7
IV 500		58.5	63.6	71.1	75.6	76.3	80.0	82.2	82.4	85.7	86.1	86.8	87.0	87.2	87.2	87.2
IV 400		58.6	64.0	71.8	76.3	77.0	81.1	83.8	84.0	88.6	88.9	90.5	91.6	91.8	91.8	92.0
IV 300		58.6	64.0	71.8	76.3	77.2	81.8	84.5	84.7	90.2	90.7	92.9	93.9	94.7	94.7	94.8
IV 200		58.6	64.0	71.8	76.3	77.2	81.8	84.5	84.7	90.2	90.7	93.2	94.7	95.4	95.7	96.1
IV 100		58.8	64.3	72.2	76.8	77.5	82.2	84.8	85.0	90.6	91.1	93.6	95.2	95.9	96.3	96.6
IV 0		58.8	64.3	72.2	76.8	77.5	82.2	84.8	85.0	90.6	91.1	93.6	95.2	95.9	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS

361

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46667072

DEV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY IN FEET															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		25.7	25.1	27.8	29.1	29.1	29.6	29.6	29.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≤ 2000		27.8	28.7	30.4	32.2	32.6	33.0	33.0	33.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 18000		27.8	28.7	30.4	32.2	32.6	33.0	33.0	33.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 16000		27.8	28.7	30.4	32.2	32.6	33.0	33.0	33.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 14000		28.3	29.1	30.9	32.6	33.0	33.5	33.5	33.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 12000		28.3	29.1	30.9	32.6	33.0	33.5	33.5	33.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 10000		29.6	30.4	32.2	33.9	34.3	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 9000		29.6	30.4	32.2	33.9	34.3	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 8000		31.7	32.6	34.3	36.1	36.5	37.0	37.0	37.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 7000		33.5	34.3	36.1	37.8	38.3	38.7	38.7	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 6000		35.2	36.1	38.3	40.9	41.3	42.2	42.2	42.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 5000		36.1	37.4	39.5	42.2	42.6	43.5	43.5	43.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 4500		36.1	37.4	40.0	43.0	43.5	44.3	44.3	44.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 4000		36.5	37.8	40.4	43.5	43.9	44.8	44.8	44.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 3500		37.4	38.7	41.3	44.3	44.8	45.7	45.7	45.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 3000		42.6	43.9	47.4	52.6	53.0	53.9	53.9	53.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 2500		44.3	45.7	49.1	54.3	54.8	55.7	55.7	55.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 2000		47.4	48.7	53.5	58.7	59.1	60.0	60.0	60.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 1800		48.3	49.6	54.3	59.6	60.0	61.3	61.3	61.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 1500		52.2	53.5	58.3	63.9	64.3	66.1	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 1200		53.5	55.2	60.0	65.7	66.1	68.3	68.3	68.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 1000		54.8	57.8	63.0	69.1	69.6	73.0	73.0	73.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 900		56.5	59.6	66.5	72.6	73.0	77.0	77.0	77.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 800		57.4	60.4	67.4	73.9	74.3	78.3	78.3	78.3	80.9	81.3	81.3	81.3	81.3	81.3	81.3
IV 700		57.8	61.3	69.1	76.5	77.0	80.9	80.9	80.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3
IV 600		58.3	62.2	70.0	77.4	78.3	82.6	82.6	83.0	86.1	86.5	87.0	87.0	87.0	87.0	87.0
IV 500		58.3	62.2	70.0	77.4	78.3	83.0	83.5	84.3	87.4	87.8	88.3	88.3	88.3	88.3	88.3
IV 400		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	88.3	89.1	90.0	90.0	90.0	90.0	90.0
IV 300		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	90.9	92.6	93.0	93.0	93.0	93.0
IV 200		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	90.9	93.0	93.9	94.3	94.3	94.8
IV 100		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	90.9	93.0	93.9	94.3	94.3	96.1
IV 0		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	91.3	93.5	94.3	95.2	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS

230

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.72

AEV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILE.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	39.0	40.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 18000	39.0	40.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 16000	39.0	40.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 14000	39.0	40.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 12000	39.0	40.0	40.0	40.0	40.0	40.0	40.0	41.0	42.0	42.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 10000	41.0	42.0	42.0	42.0	42.0	42.0	43.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 9600	41.0	42.0	42.0	42.0	42.0	42.0	43.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 8000	44.0	45.0	45.0	45.0	45.0	45.0	46.0	47.0	47.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 7000	45.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 6000	48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 5000	48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4500	48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4000	48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 3500	48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 3000	51.0	52.0	52.0	55.0	55.0	55.0	56.0	57.0	57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 2500	52.0	53.0	53.0	56.0	56.0	56.0	57.0	58.0	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 2000	60.0	61.0	61.0	64.0	64.0	64.0	65.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 1800	60.0	61.0	61.0	64.0	64.0	64.0	65.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 1500	61.0	65.0	65.0	69.0	69.0	69.0	70.0	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 1200	61.0	65.0	65.0	69.0	69.0	69.0	70.0	72.0	72.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 1000	64.0	72.0	72.0	77.0	77.0	77.0	78.0	80.0	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 900	64.0	75.0	75.0	80.0	80.0	80.0	81.0	83.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 800	64.0	75.0	75.0	80.0	80.0	80.0	81.0	83.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 700	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 600	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 500	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 400	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 300	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 200	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 100	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 0	66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0

TOTAL NUMBER OF OBSERVATIONS 100

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

REC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING																
≥ 20000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 18000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 16000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 14000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 12000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 10000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 9000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 8000	10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
IV 7000	13.8	20.7	26.4	29.9	29.9	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
IV 6000	14.9	21.8	27.6	31.0	31.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
IV 5000	16.1	23.0	28.7	32.2	32.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 4500	16.1	23.0	28.7	32.2	32.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 4000	19.5	26.4	32.2	35.6	35.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 3500	19.5	26.4	32.2	35.6	35.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 3000	20.7	27.6	33.3	36.8	36.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 2500	20.7	27.6	33.3	36.8	36.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 2000	24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 1800	24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 1500	24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 1200	24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 1000	33.3	40.2	47.1	52.9	52.9	55.2	55.2	55.2	58.6	58.6	58.6	62.1	62.1	62.1	62.1	62.1
IV 900	33.3	40.2	49.4	55.2	55.2	57.5	57.5	58.6	58.6	64.4	64.4	64.4	67.8	67.8	67.8	67.8
IV 800	33.3	40.2	49.4	55.2	55.2	57.5	57.5	58.6	58.6	70.1	71.3	71.3	78.2	78.2	78.2	78.2
IV 700	34.5	41.4	50.6	56.3	56.3	58.6	58.6	59.8	59.8	73.6	74.7	74.7	81.6	81.6	81.6	81.6
IV 600	34.5	41.4	50.6	56.3	56.3	58.6	58.6	59.8	59.8	73.6	74.7	74.7	81.6	81.6	81.6	81.6
IV 500	34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2	86.2
IV 400	34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2	86.2
IV 300	34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2	86.2
IV 200	34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2	86.2
IV 100	34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2	86.2
IV 0	34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	89.7	93.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

87



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

REC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING																
IV 20000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 18000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 16000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 14000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 12000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 10000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 9000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 8000	21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5	36.5
IV 7000	24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4	40.4
IV 6000	24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4	40.4
IV 5000	24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4	40.4
IV 4000	24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4	40.4
IV 3500	25.0	30.8	33.7	34.6	34.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	42.3	42.3	42.3	42.3
IV 3000	25.0	30.8	33.7	34.6	34.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	42.3	42.3	42.3	42.3
IV 2500	28.8	34.6	37.5	38.5	38.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	47.1	47.1	47.1	47.1
IV 2000	28.8	34.6	37.5	38.5	38.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	47.1	47.1	47.1	47.1
IV 1800	28.8	34.6	37.5	38.5	38.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	47.1	47.1	47.1	47.1
IV 1500	29.8	35.6	38.5	39.4	39.4	46.2	47.1	47.1	47.1	47.1	47.1	47.1	49.0	49.0	49.0	49.0
IV 1200	29.8	35.6	38.5	39.4	39.4	46.2	47.1	47.1	47.1	47.1	47.1	47.1	49.0	49.0	49.0	49.0
IV 1000	29.8	35.6	38.5	39.4	39.4	46.2	47.1	47.1	47.1	47.1	47.1	47.1	49.0	49.0	49.0	49.0
IV 900	36.5	47.1	50.0	51.9	51.9	59.6	60.6	60.6	60.6	60.6	60.6	60.6	63.4	63.4	63.4	63.4
IV 800	36.5	47.1	50.0	51.9	51.9	59.6	60.6	60.6	60.6	60.6	60.6	60.6	63.4	63.4	63.4	63.4
IV 700	36.5	47.1	50.0	51.9	51.9	59.6	60.6	60.6	60.6	60.6	60.6	60.6	63.4	63.4	63.4	63.4
IV 600	36.5	47.1	50.0	51.9	51.9	59.6	60.6	60.6	60.6	60.6	60.6	60.6	63.4	63.4	63.4	63.4
IV 500	38.5	49.0	51.9	53.8	53.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	69.2	69.2
IV 400	38.5	49.0	51.9	53.8	53.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	69.2	69.2
IV 300	38.5	49.0	51.9	53.8	53.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	69.2	69.2
IV 200	38.5	49.0	51.9	53.8	53.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	69.2	69.2
IV 100	38.5	49.0	51.9	53.8	53.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	69.2	69.2
IV 0	38.5	49.0	51.9	53.8	53.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	69.2	69.2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 466572

REC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

C400-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1			
NO CEILING		12.6	15.5	19.4	20.3	20.8	22.7	23.2	23.2	24.6	24.8	24.8	25.4	25.1	26.1	26.6
≥ 20000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.4	27.8
IV 18000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.4	27.8
IV 16000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.4	27.8
IV 14000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.4	27.8
IV 12000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.4	27.8
IV 10000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	25.0	26.4	26.6	26.6	27.2	27.8	27.8	28.3
IV 9000		13.0	15.8	20.3	21.4	22.1	24.6	25.1	25.1	26.6	26.7	26.7	27.4	27.8	28.0	28.5
IV 8000		13.1	16.0	20.6	21.6	22.2	25.1	25.6	25.6	27.0	27.2	27.2	27.8	28.3	28.5	29.0
IV 7000		13.6	16.5	21.4	22.7	23.4	26.2	26.7	26.7	28.2	28.3	28.3	29.0	29.6	29.6	30.1
IV 6000		13.9	16.8	21.9	23.2	23.8	26.7	27.4	27.4	29.0	29.1	29.1	29.8	30.4	30.4	30.9
IV 5000		14.2	17.1	22.4	23.8	24.5	27.4	28.0	28.0	29.6	29.8	29.8	30.4	31.0	31.0	31.5
IV 4500		14.9	17.8	23.0	24.5	25.1	28.0	28.6	28.6	30.4	30.6	30.6	31.2	31.8	31.8	32.3
IV 4000		15.5	18.6	24.0	26.1	26.7	29.9	30.7	30.7	32.5	32.6	32.6	33.3	33.9	33.9	34.4
IV 3500		15.7	18.9	24.6	26.7	27.4	31.2	32.0	32.0	34.1	34.2	34.2	34.9	35.5	35.5	36.0
IV 3000		16.2	19.4	25.6	27.7	28.3	32.2	33.0	33.0	35.0	35.2	35.2	35.8	36.5	36.5	37.0
IV 2500		18.7	22.2	29.4	31.8	32.5	36.3	37.4	37.4	40.0	40.2	40.2	40.8	41.4	41.4	41.9
IV 2000		21.3	25.0	33.4	36.3	37.0	41.0	42.2	42.2	45.0	45.1	45.1	45.8	46.4	46.4	46.9
IV 1800		22.1	25.8	34.2	37.1	37.9	41.9	43.2	43.2	46.1	46.2	46.2	46.9	47.5	47.5	48.0
IV 1500		24.5	29.0	37.9	40.8	41.8	45.8	47.0	47.0	50.2	50.4	50.6	51.2	52.2	52.2	52.6
IV 1200		25.0	29.6	38.7	41.6	42.6	47.0	48.6	48.6	52.2	52.3	52.5	53.1	54.1	54.1	54.6
IV 1000		26.7	31.8	43.8	47.4	48.3	53.8	56.0	56.0	60.2	60.5	60.8	61.4	62.4	62.4	62.9
IV 900		27.3	33.0	45.1	48.8	49.9	55.8	58.1	58.1	62.2	62.6	63.0	63.7	64.8	64.8	65.3
IV 800		28.2	33.8	46.6	50.4	51.7	57.9	60.3	6.3	66.1	66.4	66.9	67.5	68.6	68.6	69.1
IV 700		28.3	33.9	47.5	52.5	53.8	60.5	63.2	63.2	69.3	69.6	70.1	71.0	72.2	72.2	72.6
IV 600		29.1	34.7	49.3	54.4	56.2	63.8	66.6	67.0	74.1	74.4	74.9	75.8	77.0	77.0	77.4
IV 500		29.6	35.4	50.2	55.5	57.6	66.2	69.8	70.6	77.9	78.2	78.7	80.0	81.1	81.1	81.6
IV 400		29.6	35.4	50.2	55.5	57.8	67.2	70.9	71.7	81.6	81.9	82.7	84.6	86.9	86.9	87.4
IV 300		29.6	35.4	50.2	55.5	57.8	67.8	71.7	72.5	82.9	83.7	84.5	86.9	89.8	90.2	91.2
IV 200		29.6	35.4	50.2	55.5	57.8	67.8	72.0	72.8	83.2	84.3	85.4	88.0	91.2	92.5	94.7
IV 100		29.6	35.4	50.2	55.5	57.8	67.8	72.0	72.8	83.2	84.3	85.6	88.3	91.5	93.0	97.0
IV 0		29.9	35.7	50.7	56.2	58.4	68.5	72.6	73.4	83.8	85.0	86.2	89.0	92.5	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS

625

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4665-72

LEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ARCC-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		9.2	11.3	13.5	14.8	15.6	16.9	18.6	18.8	19.6	19.7	19.7	19.7	19.7	19.7	20.1
IV 20000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 18000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 16000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 14000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 12000		11.1	13.5	16.2	17.5	18.5	19.9	21.7	21.8	22.6	22.8	22.8	22.8	22.8	22.9	23.1
IV 10000		11.3	13.7	16.6	18.2	19.1	20.5	22.3	22.5	23.2	23.4	23.4	23.4	23.4	23.4	23.7
IV 9000		11.5	13.9	16.7	18.3	19.3	20.7	22.5	22.6	23.4	23.6	23.6	23.6	23.6	23.6	23.9
IV 8000		12.6	15.0	18.2	19.7	20.7	22.5	24.2	24.4	25.3	25.5	25.5	25.5	25.5	25.5	25.8
IV 7000		13.5	16.1	19.4	21.3	22.6	24.4	26.3	26.4	27.4	27.5	27.5	27.5	27.5	27.5	27.9
IV 6000		14.2	16.7	20.4	22.8	24.0	25.8	28.2	28.3	29.3	29.5	29.5	29.5	29.5	29.5	29.8
IV 5000		14.5	17.0	20.7	23.1	24.4	26.1	28.5	28.7	29.6	29.8	29.8	29.8	29.8	29.8	30.1
IV 4500		15.0	17.5	21.2	23.6	24.8	26.6	29.0	29.1	30.4	30.6	30.6	30.6	30.6	30.6	30.9
IV 4000		15.6	18.6	22.5	25.2	26.4	28.8	31.2	31.3	32.8	33.0	33.0	33.0	33.0	33.0	33.3
IV 3500		16.7	19.7	23.6	26.3	27.5	30.1	32.5	32.8	34.1	34.2	34.2	34.2	34.2	34.2	34.6
IV 3000		17.6	21.0	25.8	28.7	29.9	32.1	35.5	35.8	37.1	37.3	37.4	37.4	37.4	37.4	37.7
IV 2500		19.6	23.2	28.8	32.0	33.3	36.6	39.2	39.5	40.8	40.9	41.1	41.1	41.1	41.1	41.4
IV 2000		22.1	26.1	32.2	35.4	36.9	40.6	43.2	43.5	44.9	45.4	45.5	45.5	45.5	45.5	45.9
IV 1800		22.3	26.4	32.5	35.7	37.3	40.9	43.5	43.8	45.4	45.9	46.0	46.0	46.0	46.0	46.3
IV 1500		24.5	29.1	35.5	38.9	40.8	44.6	47.3	47.6	49.8	50.5	50.6	50.6	50.6	50.6	51.0
IV 1200		25.6	30.4	37.3	40.8	42.7	46.8	49.8	50.3	52.9	53.5	53.7	53.7	53.7	53.7	54.0
IV 1000		27.2	32.8	41.4	45.2	47.1	52.4	56.5	57.0	60.2	60.8	61.0	61.0	61.0	61.0	61.3
IV 900		27.7	33.6	42.5	46.7	48.7	54.3	58.4	58.9	62.3	62.9	63.1	63.1	63.1	63.1	63.4
IV 800		29.0	34.9	44.7	49.7	52.4	58.4	62.9	63.4	67.2	68.0	68.2	68.2	68.2	68.2	68.5
IV 700		29.6	35.8	46.2	51.3	54.6	62.1	67.5	68.2	73.4	74.4	74.5	74.5	74.5	74.7	75.0
IV 600		30.3	36.5	47.6	52.7	56.4	64.3	69.9	70.9	76.8	77.7	77.9	78.0	78.0	78.0	78.3
IV 500		30.9	37.3	48.7	54.5	58.3	66.9	72.6	73.7	81.1	82.2	82.3	82.8	82.8	82.8	83.1
IV 400		30.9	37.3	49.0	54.8	58.6	67.7	73.7	75.0	82.8	86.0	86.8	87.4	88.1	88.4	88.7
IV 300		31.1	37.4	49.4	55.1	58.9	68.3	74.4	75.6	85.0	87.4	88.9	90.0	91.1	91.6	92.0
IV 200		31.1	37.4	49.4	55.1	58.9	68.3	74.4	75.6	85.4	87.7	90.0	91.2	93.0	94.6	96.2
IV 100		31.1	37.4	49.4	55.1	58.9	68.3	74.4	75.6	85.4	87.7	90.1	91.4	93.2	95.1	98.4
IV 0		31.4	37.7	49.7	55.4	59.2	68.6	74.7	76.0	85.7	88.1	90.4	91.7	93.6	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS

628

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

36172 ANSBACH AFB GERMANY/KATTERBACH 46,65-72

256

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	11.2	13.0	14.6	15.9	15.9	16.7	18.9	18.9	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.9
IN 18000	14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.8
IN 16000	14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.8
IN 14000	14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.8
IN 12000	14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.8
IN 10000	14.5	16.4	18.7	20.0	20.0	20.9	23.0	23.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1
IN 9000	15.1	16.9	19.4	20.7	20.7	21.5	23.6	23.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.8
IN 8000	17.6	19.4	22.0	23.6	23.6	24.6	26.9	26.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.2
IN 7000	18.6	20.4	24.0	26.1	26.1	27.1	29.4	29.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.7
IN 6000	20.0	21.0	25.8	28.2	28.2	29.4	31.7	31.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.0
IN 5000	20.2	22.0	26.3	28.7	28.7	30.0	32.3	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7
IN 4500	20.9	22.7	26.9	29.4	29.4	30.9	33.3	33.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.6
IN 4000	21.2	23.3	27.6	30.2	30.4	32.0	34.5	34.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8
IN 3500	22.3	24.5	28.7	31.4	31.5	33.2	35.6	35.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
IN 3000	25.0	27.3	32.2	34.8	35.0	37.3	39.9	39.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
IN 2500	28.1	30.5	35.6	38.3	38.4	40.7	43.3	43.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7
IN 2000	30.5	33.3	38.8	41.5	41.7	44.2	47.0	47.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3
IN 1800	31.0	34.0	39.4	42.2	42.4	45.0	47.6	47.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
IN 1500	33.2	36.6	42.4	45.3	45.5	48.1	50.9	50.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
IN 1200	34.8	38.3	44.0	47.3	47.6	50.9	53.9	53.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.7
IN 1000	37.9	42.7	49.9	54.0	54.5	58.5	61.6	61.6	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.5
IN 900	37.9	42.9	50.2	54.4	54.8	58.8	62.2	62.2	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.2
IN 800	39.2	44.7	52.7	58.9	59.6	63.7	68.0	68.0	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.6
IN 700	39.7	45.3	54.0	60.8	61.6	68.0	72.7	72.7	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.7
IN 600	40.9	47.0	56.3	63.6	64.7	72.1	78.0	78.0	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.4
IN 500	41.2	47.3	57.1	64.0	65.8	74.1	80.6	80.6	86.5	87.8	87.8	87.8	87.8	87.8	87.8	89.2
IN 400	41.7	47.8	57.8	64.7	66.5	74.9	82.4	82.4	89.7	91.6	91.6	91.6	91.6	91.6	91.6	93.4
IN 300	41.7	47.8	57.8	64.7	66.5	75.0	82.6	82.6	90.1	92.1	92.1	92.1	92.1	92.1	92.1	93.7
IN 200	41.7	47.8	57.8	64.7	66.5	75.0	82.6	82.6	90.8	92.8	92.8	92.8	92.8	92.8	92.8	95.7
IN 100	41.7	47.8	57.8	64.7	66.5	75.0	82.6	82.6	90.8	92.8	92.8	92.8	92.8	92.8	92.8	95.7
IN 0	41.7	47.8	57.8	64.9	66.7	75.2	82.8	82.8	91.0	92.9	92.9	92.9	92.9	92.9	92.9	99.2

TOTAL NUMBER OF OBSERVATIONS

609

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

REC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	
NO CEILING ≥ 20000	11.5	13.3	15.6	16.9	16.9	16.6	19.7	19.7	20.7	20.9	21.0	21.2	21.2	21.2
≥ 18000	13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3
≥ 16000	13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3
≥ 14000	13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3
≥ 12000	13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3
≥ 10000	14.3	16.3	19.0	20.5	20.5	22.2	23.3	23.3	24.3	24.5	24.6	24.8	24.8	24.8
≥ 9000	14.4	16.4	19.2	20.7	20.7	22.3	23.5	23.5	24.5	24.6	24.8	25.0	25.0	25.0
≥ 8000	15.9	17.9	21.0	22.8	22.8	24.6	25.9	25.9	26.9	27.1	27.3	27.4	27.4	27.4
≥ 7000	15.7	18.9	22.2	24.5	24.5	26.3	27.8	27.8	28.9	29.1	29.2	29.4	29.4	29.4
≥ 6000	19.0	21.7	25.5	27.8	27.8	29.6	31.2	31.2	32.3	32.5	32.7	32.8	32.8	32.8
≥ 5000	19.7	22.3	26.1	28.4	28.4	30.2	31.9	31.9	33.0	33.2	33.3	33.5	33.5	33.5
≥ 4500	20.9	23.5	27.4	29.7	29.7	31.5	33.5	33.5	34.6	34.8	35.0	35.1	35.1	35.1
≥ 4000	20.9	23.6	27.3	30.0	30.0	31.9	33.8	33.8	35.0	35.1	35.3	35.5	35.5	35.5
≥ 3500	23.5	26.4	30.5	32.8	32.8	35.1	37.1	37.1	38.3	38.4	38.6	38.8	38.8	38.8
≥ 3000	24.8	27.9	32.8	35.3	35.3	38.3	40.6	40.6	41.7	41.9	42.0	42.2	42.2	42.2
≥ 2500	28.1	32.0	37.1	39.7	40.1	42.9	45.2	45.2	46.3	46.5	46.6	46.8	46.8	46.8
≥ 2000	29.4	33.3	39.2	42.0	42.4	45.2	47.5	47.5	48.6	48.8	48.9	49.3	49.3	49.3
≥ 1800	29.7	33.7	39.6	42.4	42.7	45.3	47.8	47.8	48.9	49.1	49.3	49.6	49.6	49.6
≥ 1500	32.5	37.4	44.0	47.6	48.1	51.4	54.0	54.0	55.5	55.7	55.8	56.2	56.2	56.2
≥ 1200	34.2	39.1	45.8	49.9	51.1	54.4	57.1	57.1	58.6	58.8	58.9	59.3	59.3	59.3
≥ 1000	36.3	42.4	50.6	55.7	57.3	61.6	65.0	65.2	67.0	67.8	68.2	68.8	68.8	68.8
≥ 900	36.3	42.5	51.2	56.8	58.6	62.9	66.7	66.8	68.6	69.5	69.6	70.4	70.4	70.4
≥ 800	36.8	43.3	52.7	59.9	61.9	66.8	71.6	71.8	73.6	74.9	75.0	75.9	75.9	75.9
≥ 700	37.3	44.3	54.2	61.7	63.7	69.6	75.0	75.2	77.7	79.0	79.1	80.0	80.0	80.0
≥ 600	37.6	45.0	54.8	62.7	65.2	72.7	78.5	78.7	81.1	82.4	82.6	83.4	83.6	83.6
≥ 500	37.8	45.2	55.5	63.4	65.8	73.9	81.0	81.6	85.2	87.2	87.7	88.8	89.2	89.3
≥ 400	37.8	45.2	55.5	63.5	66.0	74.2	81.9	82.6	87.8	90.6	91.1	92.4	93.1	93.3
≥ 300	37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.7	95.6	96.4
≥ 200	37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.9	95.9	97.0
≥ 100	37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.9	95.9	97.4
≥ 0	37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.9	95.9	97.4

TOTAL NUMBER OF OBSERVATIONS

609

1  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

84172 ANSBACH AAF GER. ANY/KATTERBACH 46,55-66,68-70,72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-2000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING															
≥ 20000	13.1	15.0	17.2	20.1	20.8	22.3	24.1	24.1	25.2	25.2	25.2	27.4	27.4	27.4	27.4
≥ 18000	14.2	16.4	19.0	21.9	22.6	24.1	25.9	25.9	27.0	27.0	27.0	29.2	29.2	29.2	29.2
≥ 16000	14.2	16.4	19.0	21.9	22.6	24.1	25.9	25.9	27.0	27.0	27.0	29.2	29.2	29.2	29.2
≥ 14000	14.2	16.4	19.3	22.3	23.0	24.5	26.3	26.3	27.4	27.4	27.4	29.6	29.6	29.6	29.6
≥ 12000	14.2	16.4	19.3	22.3	23.0	24.5	26.3	26.3	27.4	27.4	27.4	29.6	29.6	29.6	29.6
≥ 10000	14.6	17.5	20.8	23.7	24.5	25.9	27.7	27.7	28.8	28.8	28.8	31.0	31.0	31.0	31.0
≥ 9000	14.6	17.5	20.8	23.7	24.5	25.9	27.7	27.7	28.8	28.8	28.8	31.0	31.0	31.0	31.0
≥ 8000	15.3	18.2	21.5	24.5	25.2	27.0	28.8	28.8	29.9	29.9	29.9	32.1	32.1	32.1	32.1
≥ 7000	16.4	19.3	23.0	26.3	27.0	28.8	31.0	31.0	32.1	32.1	32.1	34.3	34.3	34.3	34.3
≥ 6000	17.2	20.4	24.1	27.4	28.1	29.9	32.1	32.1	33.6	33.6	33.6	35.8	35.8	35.8	35.8
≥ 5000	17.2	21.2	24.8	28.1	28.8	31.0	33.6	33.6	34.7	34.7	34.7	36.9	36.9	36.9	36.9
≥ 4500	17.9	21.9	25.9	29.2	29.9	32.1	35.0	35.0	36.1	36.1	36.1	38.3	38.3	38.3	38.3
≥ 4000	17.9	21.9	25.9	29.2	29.9	32.1	35.0	35.0	36.1	36.1	36.1	38.3	38.3	38.3	38.3
≥ 3500	18.2	22.3	26.3	29.6	30.7	32.8	35.8	35.8	36.9	36.9	36.9	39.1	39.1	39.1	39.1
≥ 3000	20.1	24.5	29.9	33.2	34.3	36.9	40.1	40.1	41.2	41.2	41.2	43.4	43.4	43.4	43.4
≥ 2500	23.0	26.5	34.3	37.6	38.7	41.2	44.5	44.5	45.6	45.6	45.6	47.8	47.8	47.8	47.8
≥ 2000	24.1	29.6	37.2	40.5	41.6	44.2	48.2	48.2	49.3	49.3	49.3	51.5	51.5	51.5	51.5
≥ 1800	24.1	29.6	37.2	40.5	41.6	44.2	48.2	48.2	49.3	49.3	49.3	51.5	51.5	51.5	51.5
≥ 1500	27.7	33.6	41.2	45.6	47.4	50.7	55.1	55.1	56.2	56.2	56.2	58.4	58.4	58.4	58.4
≥ 1200	28.1	33.9	41.6	46.4	48.2	51.5	55.8	55.8	56.9	56.9	56.9	59.1	59.1	59.1	59.1
≥ 1000	30.3	36.5	45.3	51.5	53.3	58.0	63.9	63.9	65.3	65.3	65.3	66.4	66.4	66.4	66.4
≥ 900	30.3	36.9	46.0	52.2	54.0	58.8	64.6	64.6	66.1	67.2	67.2	70.4	70.4	70.4	70.4
≥ 800	31.4	38.3	48.5	57.3	59.9	65.7	73.0	73.0	75.6	77.7	77.7	81.0	81.0	81.0	81.0
≥ 700	31.4	38.3	48.5	57.7	60.2	66.1	74.1	74.1	78.1	79.2	79.2	82.5	82.5	82.5	82.5
≥ 600	31.4	38.3	48.5	58.4	60.9	66.8	74.8	74.8	78.8	79.9	79.9	83.2	83.2	83.2	83.2
≥ 500	31.4	38.3	48.9	59.1	61.7	68.2	77.4	77.4	83.2	85.0	85.0	88.3	88.3	88.3	88.3
≥ 400	31.4	38.3	49.3	60.2	62.8	69.3	78.8	79.2	85.8	88.0	88.0	91.2	91.2	91.2	91.2
≥ 300	31.4	38.3	49.3	60.2	62.8	69.3	79.2	79.6	86.9	89.1	89.8	93.1	93.8	93.8	93.8
≥ 200	31.4	38.3	49.3	60.6	63.1	69.7	79.6	79.9	87.2	89.4	90.1	93.8	94.5	94.9	95.3
≥ 100	31.4	38.3	49.3	60.6	63.1	69.7	79.6	79.9	87.2	89.4	90.1	93.8	94.5	95.6	97.1
≥ 0	31.4	38.3	49.3	60.6	63.1	69.7	79.6	79.9	87.2	89.4	90.1	94.2	94.9	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

274

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

34172 ANSBACH AFB GERMANY/KATTERBACH 4672

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
IV 20000	14.4	10.7	17.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6	25.6
IV 18000	14.4	10.7	17.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6	25.6
IV 16000	14.4	10.7	17.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6	25.6
IV 14000	14.4	10.7	17.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6	25.6
IV 12000	14.4	10.7	17.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6	25.6
IV 10000	14.4	20.0	21.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.9	28.9	28.9	28.9
IV 9000	14.4	20.0	21.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.9	28.9	28.9	28.9
IV 8000	16.7	23.3	24.4	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	32.2	32.2	32.2	32.2
IV 7000	16.7	23.3	24.4	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	32.2	32.2	32.2	32.2
IV 6000	15.7	23.3	25.6	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	33.3	33.3	33.3	33.3
IV 5000	16.7	24.4	26.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	34.4	34.4	34.4	34.4
IV 4500	16.7	25.6	27.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.6	35.6	35.6	35.6
IV 4000	16.7	25.6	27.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.6	35.6	35.6	35.6
IV 3500	15.7	25.6	27.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.6	35.6	35.6	35.6
IV 3000	16.7	26.7	31.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	38.9	38.9	38.9	38.9
IV 2500	16.7	26.7	31.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	38.9	38.9	38.9	38.9
IV 2000	17.8	27.8	34.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	42.2	42.2	42.2	42.2
IV 1800	17.8	27.8	34.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	42.2	42.2	42.2	42.2
IV 1500	17.8	27.8	34.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	42.2	42.2	42.2	42.2
IV 1200	18.9	28.9	35.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	43.3	43.3	43.3	43.3
IV 1000	22.2	32.2	38.9	46.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	51.1	51.1	51.1	51.1
IV 900	22.2	32.2	38.9	46.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	51.1	51.1	51.1	51.1
IV 800	23.3	34.4	41.1	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	53.3	53.3	53.3	53.3
IV 700	23.3	34.4	41.1	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	53.3	53.3	53.3	53.3
IV 600	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8
IV 500	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8
IV 400	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8
IV 300	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8
IV 200	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8
IV 100	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8
IV 0	24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8

TOTAL NUMBER OF OBSERVATIONS

90

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later; clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.



## PART D

## SKY COVER

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

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

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

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

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

1  
 DATA PROCESSING PRACTICE  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

SKY COVER

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-70 ALL  
 STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	20.1	1.8	1.8	1.8	1.7	1.5	2.5	1.2	3.8	3.7	61.3	7.2	2584
FEB		12.2	1.3	.6	2.8	2.5	2.1	2.8	1.6	3.8	5.1	65.3	7.9	2366
MAR		13.1	1.9	1.5	2.9	2.9	2.4	4.7	2.8	5.2	4.7	57.9	7.5	2625
APR		23.7	2.4	3.2	4.3	3.7	4.3	4.2	2.2	6.6	5.5	40.0	6.0	2643
MAY		15.2	3.9	4.5	3.8	3.1	4.0	4.0	2.8	6.0	7.5	45.6	6.7	2750
JUN		6.7	5.5	1.8	4.2	4.3	5.9	3.9	4.2	8.9	9.0	45.6	7.3	2605
JUL		15.2	7.1	3.2	4.9	5.1	6.4	5.4	3.2	7.8	7.9	33.8	6.1	2575
AUG		13.1	4.0	3.3	4.1	5.2	4.7	5.5	4.4	6.8	6.9	41.3	6.6	2674
SEP		20.7	4.6	3.0	4.7	4.7	4.6	3.5	3.9	7.5	7.0	36.0	6.0	2552
OCT		23.0	1.9	1.6	3.9	3.1	2.2	2.5	1.4	3.7	4.2	53.4	6.6	2936
NOV		13.7	1.6	.6	2.1	2.7	2.3	2.5	1.6	3.3	3.2	66.0	7.8	2707
DEC		14.5	1.1	.9	1.7	1.2	1.1	2.4	.9	2.6	3.6	69.9	7.9	2861
TOTALS		15.9	3.2	2.2	3.4	3.3	3.5	2.6	2.5	5.5	5.7	51.3	7.0	31878









DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

**SKY COVER**

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-70 MAY  
 STATION PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
MAY	00-02	44.4	5.0	9.3	1.9		1.9					5.6	31.5	4.0	54
	03-05	18.4	5.1	9.2	6.1	3.1	5.1	6.1	5.1	2.0	15.3	24.5	5.5	98	
	06-08	12.5	4.2	2.1	3.3	3.7	2.1	3.3	.9	6.9	5.4	55.5	7.3	369	
	09-11	10.0	3.3	2.3	3.7	4.2	3.3	3.5	3.0	4.2	6.7	55.8	7.5	570	
	12-14	4.2	2.0	1.8	1.9	2.6	6.3	7.5	3.5	8.9	7.7	32.8	7.9	570	
	15-17	3.5	2.5	2.1	1.6	3.7	4.4	5.8	4.9	6.9	7.6	56.7	8.1	568	
	18-20	5.5	5.1	2.5	3.3	2.9	4.4	3.3	2.6	8.4	7.3	54.6	7.7	273	
	21-23	22.9	2.1	6.3	8.3	4.2	4.2	2.1	2.1	10.4	4.2	33.3	5.6	48	
TOTALS		15.2	3.9	4.5	3.8	3.1	4.0	4.0	2.8	6.0	7.5	45.6	6.7	2750	

















U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

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

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

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 34172 ANSBACH AAF GERMANY/KATTERBACH 55-72

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90				1.6	1.2	1.7	2.4	1.0					1.2
85				1.2	3.5	6.4	11.4	6.4					1.7
80				2.4	8.2	24.4	46.1	19.3	1.0				4.2
75				6.7	22.9	46.8	64.7	48.8	26.0	3.6			9.7
70			1.2	6.7	22.9	46.8	64.7	48.8	26.0	3.6			17.8
65			4.1	18.2	46.8	61.0	81.4	74.4	30.0	14.1			29.0
60			8.2	26.7	58.9	79.8	90.4	87.7	75.0	40.9	3.5		36.3
55		3.8	13.3	46.1	80.0	93.0	99.4	99.3	92.7	85.9	3.5		49.9
50	1.8	7.1	23.5	62.4	91.2	98.8	100.0	100.0	100.0	85.5	21.4	1.9	67.5
45	9.4	28.0	47.6	77.6	97.1	100.0				92.7	40.8	8.0	66.3
40	23.3	46.7	69.4	93.8	100.0					92.2	61.0	22.2	76.1
35	42.9	68.1	85.3	98.8						100.0	77.6	43.4	84.4
30	72.4	86.3	94.7	100.0							94.3	73.9	93.6
25	87.6	93.6	96.8								100.0	90.1	97.7
20	93.9	98.4	100.0									97.6	99.3
15	97.6	99.8										99.5	99.7
10	100.0	100.0										100.0	100.0
MEAN	33.4	38.6	44.2	53.6	62.3	67.2	72.2	69.9	64.9	57.4	42.2	24.0	53.4
S D	7.962	5.233	9.740	10.444	9.133	8.908	8.733	8.300	6.829	7.698	8.641	7.307	16.196
TOTAL OBS.	170	182	170	168	170	172	167	203	192	220	210	212	2233

DATA PROCESSING BRANCH  
 USAF ETAC  
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34172 ANSBACH AAF GERMANY/KATTERBACH

65-72

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70					4.0								0.0
65						2.3	6.0						1.8
60				0.6	1.2	6.4	34.7	18.7					5.0
55				1.8	12.9	37.2	64.7	53.2	19.3				15.8
50				8.5	26.8	72.1	90.4	87.2	51.0	25.5	1.9		30.9
45		1.6	2.2	16.4	70.0	93.0	99.4	99.3	73.0	44.3	6.2		42.2
40	3.8	14.3	16.5	48.4	90.6	100.0	100.0	100.0	93.3	68.6	25.7	3.2	54.9
35	19.4	29.7	42.4	67.9	97.6				99.0	85.9	51.0	18.9	67.4
30	24.1	42.3	54.7	75.8	99.4				99.5	90.5	60.5	34.0	73.3
25	41.8	63.2	68.8	90.9	100.0				100.0	98.6	76.2	43.6	82.3
20	62.4	75.8	83.5	99.4						99.1	93.8	72.2	90.6
15	81.8	87.4	93.5	100.0						100.0	98.1	86.8	95.7
10	91.2	96.2	97.1								100.0	93.8	95.4
5	95.9	98.9	98.8									98.6	98.4
0	98.8	100.0	100.0									99.5	99.9
	100.0											100.0	100.0
MEAN	26.8	30.3	32.1	38.6	47.3	52.3	56.6	56.8	48.9	43.3	34.8	25.6	41.2
S D	8.300	8.301	7.696	7.123	5.988	5.484	5.488	4.820	5.413	7.407	6.913	7.034	12.278
TOTAL OBS	170	182	176	169	170	172	167	209	198	220	210	212	2339

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 34172 ANSBACH AAF GERMANY/KATTERBACH  
 STATION STATION NAME

65-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80							1.2	9.6	3.0				1.1
75				1.2	2.9	7.6	27.5	15.8					4.4
70				2.4	10.6	29.1	57.5	33.0	10.9	1.4			11.6
65				6.1	23.3	53.3	73.4	68.0	33.9	4.1			21.6
60			1.6	13.3	35.0	77.3	93.4	93.1	65.6	31.8			35.9
55		2.9	13.3	35.0	77.3	93.6	100.0	100.0	93.7	58.2	2.9		47.4
50		11.1	7.0	35.2	77.0	93.6	100.0	100.0	93.7	58.2	5.7	1.9	57.0
45	2.4	9.9	21.2	37.0	92.9	99.4			99.0	80.0	23.8	2.8	67.1
40	10.6	35.3	42.9	73.8	99.4	100.0			100.0	93.5	45.1	13.2	78.3
35	31.2	56.6	65.8	95.2	100.0					98.6	63.7	33.3	89.5
30	57.1	76.9	87.6	99.4						100.0	89.5	64.6	93.4
25	80.6	87.9	95.9	100.0							97.6	83.5	96.3
20	90.0	93.6	98.8								100.0	94.3	98.3
15	95.9	98.4										98.1	99.3
10	98.2	100.0	100.0									100.0	99.9
5	100.0												100.0
MEAN	30.3	34.7	38.4	46.3	55.8	60.1	63.1	62.6	57.2	50.6	38.7	31.3	47.6
S D	7.884	7.773	8.191	8.208	7.033	6.808	6.82	5.881	5.400	6.629	7.493	7.293	13.937
TOTAL OBS.	170	182	170	168	170	172	167	203	192	220	210	212	2333

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

**EXTREME VALUES**  
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 65-72  
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65										# 63#	60#	55	
66		# 56						# 89#	80	# 79	# 61	# 45	
67	# 53	# 56	# 57	# 63	# 77	# 87	# 86	# 86	# 76	# 71	# 57	# 47	# 87
68	# 50	# 49	# 70	# 85	# 76	# 82	# 85	# 77	# 76	# 69	# 67	# 49	# 85
69	# 45	# 47	# 56	# 74	# 83	# 80	# 92	# 86	# 77	# 72	# 61	# 36	# 92
70	# 41	# 49	# 52	# 69	# 72	# 89	# 85	# 88	# 81	# 71	# 62	# 47	# 88
71	# 47	# 45	# 68	# 72	# 83	# 76	# 90	# 90	# 79	# 68	# 59	# 49	# 90
72	# 41	# 49	# 62	# 59	# 72	# 81	# 90	# 88	# 77	# 68	# 59	# 49	# 90
MEAN	46.2	50.1	61.0	70.7	77.8	81.8	88.0	86.3	78.3	70.3	60.8	66.6	82.7
S. D.	4.834	4.289	6.508	8.224	8.448	8.869	9.022	6.248	12.799	4.200	2.964	5.676	2.509
TOTAL OBS.	170	182	179	168	170	171	187	208	172	220	210	212	2299

NOTES: (BASED ON 4 FULL MONTHS)  
 # (AT LEAST ONE DAY & 24 OBS)

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

**EXTREME VALUES**  
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

34172 ANGBACH AAF GERMANY/KATTERBACH 65-72  
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65										##	30##	18##	26
66		# 26						# 46##	41	# 26	# 25	# 22	
67	# 6	# 15	# 28	# 29	# 32	# 40##	50	# 47	# 44	# 31##	26##	16	# 6
68	## 3##	17##	21	# 23##	33	# 41##	47	# 45##	42	# 30##	19##	10	## 3
69	## 19##	8##	24	# 26##	37	# 42##	44	# 46##	41	# 33##	24##	4	## 4
70	## 13##	8##	14##	23##	34	# 43##	46##	44##	41	# 30##	28##	19	## 8
71	# 4	15	5*	28*	37*	42*	46*	50*	38*	30*	19*	21	* 4
72	# 8*	17*	24*	26*	39*	44*	51*	46*	30*	23*	23*	17	* 8
MEAN	9.2	15.1	19.3	26.2	35.3	48.3	47.3	46.3	39.1	29.1	22.9	16.9	24.8
S. D.	6.482	6.149	6.480	2.137	2.723	12.802	12.988	12.890	6.879	3.337	3.694	7.010	2.168
TOTAL OBS.	170	182	170	168	170	172	167	203	192	220	210	212	2438

NOTES: (BASED ON FULL MONTHS)  
 \* (AT LEAST ONE DAY RECORDS)

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

YEARS ALL MONTHS  
 PAGE 1 ALL HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point								
92/91																											1	1							
90/89																											15	15							
88/87																											36	36							
86/85																											82	82							
84/83																											117	119							
82/81																											159	172							
80/79																											163	185	1						
78/77																											354	360	3						
76/75																											412	421	6	1					
74/73																											540	527	26	6					
72/71																											644	663	49	12					
70/69																											821	840	110	17					
68/67																											1012	1035	271	41					
66/65																											988	1002	483	64					
64/63																											1135	1149	806	164					
62/61																											1327	1358	1161	350					
60/59																											1737	1828	1609	837					
58/57																											2529	1666	1914	1079					
56/55																											1650	1687	2020	1456					
54/53																											1634	1669	2112	1794					
52/51																											1479	1512	2051	1980					
50/49																											1653	1673	1937	2856					
48/47																											1282	1301	1906	1913					
46/45																											1377	1388	1669	1834					
44/43																											1358	1373	1706	1784					
42/41																											1503	1540	1425	2117					
40/39																											1408	1448	1581	1810					
38/37																											1415	1450	1642	1544					
36/35																											1399	1430	1651	1680					
34/33																											1672	1718	1795	1930					
32/31																											1598	1647	1824	2447					
30/29																											1252	1266	1626	1714					
28/27																											883	896	1116	1225					
26/25																											660	671	745	1194					
Element (X)	Zx'	Zx	X	σx	No. Obs	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47.62-72  
STATION STATION NAME

YEARS

ALL MONTHS

PAGE 2

ALL HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point		
24/ 23	.8	.8	.0	.0														591	598	596	1158
22/ 21	.5	.7	.0															431	437	512	601
20/ 19	.5	.6	.0															394	398	401	398
18/ 17	.4	.3	.0															281	286	357	451
16/ 15	.5	.2	.0															255	259	271	375
14/ 13	.3	.2																187	187	197	346
12/ 11	.2	.2																142	143	136	221
10/ 9	.3	.1																140	140	156	116
8/ 7	.2	.1																87	88	99	160
6/ 5	.1	.0																63	62	73	157
4/ 3	.1	.0																29	29	32	99
2/ 1	.0	.0																0	6	5	78
0/ -1	.0																	13	13	14	42
-2/ -3	.0																	4	4	4	15
-4/ -5																					19
-6/ -7																					6
TOTAL	14,335	417,811	0	7.7	5.4	3.9	2.2	1.3	.7	.2	.0	.0	.0					36098	36806	36098	36098

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	22315944	2777385	76.916	195	36098							
Dry Bulb	91902251	1743677	47.615	893	36806	4,216	5,108	3.5	47.4	122.7		8760
Wet Bulb	74285250	1557322	43.413	143	36098	4,519	62.4	113.5	8.9			8760
Dew Point	62542498	1431686	39.712	632	36098	20,426	05.8	19.0	1.7			8760

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

YEARS

JAN

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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
54/53																											3	3							
52/51																												7	7						
50/49																											14	14							
48/47																											22	22	1						
46/45																											35	35	13	1					
44/43																											55	55	42	7					
42/41																											82	83	39	31					
40/39																											139	144	110	34					
38/37																											208	213	172	73					
36/35																											234	234	269	199					
34/33																											267	272	270	309					
32/31																											294	296	278	310					
30/29																											250	253	327	230					
28/27																											210	217	232	263					
26/25																											186	192	185	227					
24/23																											189	191	195	268					
22/21																											96	97	128	145					
20/19																											137	140	127	104					
18/17																											100	100	102	118					
16/15																											117	120	124	95					
14/13																											63	63	76	94					
12/11																											60	61	57	91					
10/9																											76	76	80	41					
8/7																											48	49	54	73					
6/5																											48	48	56	79					
4/3																											25	25	28	60					
2/1																											6	6	5	60					
0/-1																											13	13	14	38					
22/23																											4	4	4	15					
24/25																															19				
26/27																															6				
TOTAL	34	535	27	9	1	6	8	0																				3033	2988						
																												2998	2988						

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	22155458	255622	85.5	9.804	2988							
Dry Bulb	2653326	84276	27.8	10.047	3033	4.2	478.6					744
Wet Bulb	2297048	72780	26.7	9.481	2988	4.5	512.9					744
Dew Point	2030778	71452	23.9	10.385	2988	19.4	561.2					744

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH

47,66-72

FEB

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	D.B. WB	Dry Bulb	Wet Bulb	Dew Point													
56/55					.1	.4	.0												15	15															
54/53				.1	.6	.4	.1												31	31															
52/51			.2	.3	.3	.1													25	25															
50/49		.3	.7	.8	.1														50	50															
48/47		.5	1.5	.4	.2														71	71	26														
46/45		1.6	1.6	1.0	.1														119	119	85	11													
44/43		2.2	1.4	.9	.0														124	124	142	26													
42/41	.2	2.4	1.8	.4															159	159	111	95													
40/39	.4	2.5	2.7	.3	.1														166	166	182	157													
38/37	.6	4.8	1.4	.4															195	197	189	130													
36/35	.5	5.0	.8	.3															181	185	211	189													
34/33	1.7	5.6	1.9	.1															257	259	287	213													
32/31	1.3	5.6	.9	.1															214	223	210	372													
30/29	.8	4.1	.4																144	145	213	181													
28/27	1.3	2.6	.2																116	117	160	168													
26/25	2.6	2.2	.2																137	137	145	182													
24/23	2.6	3.0	.2																159	161	135	203													
22/21	2.1	3.2																	146	149	162	123													
20/19	2.3	2.5	.0																133	133	138	79													
18/17	2.5	1.1																	97	98	140	164													
16/15	1.7	.6																	63	63	61	148													
14/13	1.6	.5																	57	27	58	116													
12/11	.8	.4																	31	31	27	70													
10/9	.7	.2																	26	26	29	26													
8/7	.4	.5																	11	11	16	35													
6/5	.3																		7	7	7	23													
4/3	.1																		3	3	3	11													
2/1																						13													
TOTAL	24,452	016.0	5.1	1.6	.9	.1														2737	2762	2737													

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	19182093	227187	83.0	10.886	2737							
Dry Bulb	3095659	88037	31.9	10.240	2762		331.1					672
Wet Bulb	2717664	82544	30.2	9.134	2737		369.3					672
Dew Point	2236012	74052	27.1	9.207	2737		470.4					672

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66=72

YEARS

VAR

PAGE 1

ALL  
 HOURS 5

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
70/69								.1	.1	.1																	10	10							
68/67								.1	.2	.0																	11	11							
66/65			.0	.0	.0	.0	.1	.1	.0																		10	10							
64/63		.0	.0	.0	.0	.1	.1	.1	.0																		12	12							
62/61				.1	.1	.1	.2	.0																			14	14	2						
60/59		.0	.1	.1	.2	.2	.7	.0																			41	41	1	2					
58/57				.1	.2	.2	.4																				25	25	13	1					
56/55	.1		.0	.2	.2	.4																					41	41	11	3					
54/53	.0	.1	.2	.4	.5	.4	.0																				53	53	19	4					
52/51		.1	.5	.8	.6	.2																					73	73	26	5					
50/49		.5	.8	1.1	.9	.1	.1																				108	108	47	12					
48/47	.2	.7	1.1	.9	1.0	.2	.0																				134	135	106	23					
46/45	.2	1.9	1.8	1.6	.6	.1																					194	194	115	44					
44/43	.2	3.4	2.1	1.8	.2	.1																					256	256	209	83					
42/41	1.0	3.2	3.5	1.5	.6																						305	306	262	179					
40/39	.8	3.3	3.3	.9	.2																						269	271	299	217					
38/37	.6	4.8	2.6	.7																							280	282	335	223					
36/35	.8	6.1	1.9	.4																							286	286	345	287					
34/33	1.1	5.4	2.3	.1																							278	278	363	343					
32/31	1.1	4.2	1.3																								206	208	280	478					
30/29	.8	4.0	.4																								163	163	214	278					
28/27	1.1	2.6	.4																								126	127	196	195					
26/25	.9	2.0	.1																								94	95	105	249					
24/23	.7	.9																									51	51	79	235					
22/21	.9	.6																									48	49	57	111					
20/19	.2	.4	.0																								19	19	21	62					
18/17	.3	.1																									11	13	16	36					
16/15	.2	.0																									6	7	8	35					
14/13	.1	.1																									5	5	5	13					
12/11	.1																										3	3	3	6					
10/9	.0																										1	1	1	5					
8/7		.1																									2	2		1					
6/5	.0	.0																									2	2	4	3					
2/1																															2				

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

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

YEAR: MAR MONTH

PAGE 2 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					31	
0/ =1																																					2
TOTAL	11.4	44.5	22.0	10.6	6.2	1.8	2.1	.5	.2																										3137	3137	

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	19596100	243592	77.7	14.735	3137							744
Dry Bulb	4990468	122060	38.7	9.124	3151		175.9	5.0				744
Wet Bulb	4194232	112352	35.8	7.370	3137		234.6					744
Dew Point	3340461	99825	31.8	7.228	3137	.5	405.8					744

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.6007072

APR  
 YEARS  
 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	25-27	28-29	30	DB, W.B.	Dry Bulb	Wet Bulb	Dew Po																	
86/ 85																																			1	2		
85/ 83																																			2	2		
84/ 81																																			5	6		
80/ 79																																			4	4		
78/ 77																																			10	10		
76/ 75																																			6	6		
74/ 73																																			11	11		
72/ 71																																			26	26		
70/ 69																																			14	14		
68/ 67																																			50	50	1	
66/ 65																																			47	47	3	
64/ 63																																			64	64	9	
62/ 61																																			56	56	12	
60/ 59																																			107	107	38	
58/ 57																																			94	94	34	
56/ 55																																			154	154	71	7
54/ 53																																			198	198	96	18
52/ 51																																			181	181	133	48
50/ 49																																			290	290	267	122
48/ 47																																			190	190	331	132
46/ 45																																			200	200	299	217
44/ 43																																			185	185	269	250
42/ 41																																			237	237	212	278
40/ 39																																			221	222	251	310
38/ 37																																			146	146	227	274
36/ 35																																			109	109	212	245
34/ 33																																			88	88	146	219
32/ 31																																			82	82	114	245
30/ 29																																			31	31	68	144
28/ 27																																			14	14	22	104
26/ 25																																			6	6	14	82
24/ 23																																			2	2	3	48
22/ 21																																						21
20/ 19																																						15
Element (X)	Zx'	Zx	X	%	Nc Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-70,72

YEARS MONTH

PAGE 1 ALL

HOURS 5 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
86/85																	.0	.1														3	3						
84/83																		.2															5	5					
82/81																		.2															5	5					
78/77																	.1	.2															12	14					
76/75											.1	.4	.5	.6	.1																		50	53					
74/73									.1	.4	.8	.9	.7	.1																			81	89					
72/71						.0	.2	.8	1.2	.8	.0																							86	95				
70/69				.0	.1	.4	.5	1.2	.7	.5																								97	106				
68/67				.1	.1	.4	1.0	1.1	1.0	.4	.0																							117	132		1		
66/65				.1	.2	.6	1.8	.7	.7	.1																								126	131	10	1		
64/63		.1	.2	.5	1.1	1.1	1.0	.3	.2																									128	130	24	2		
62/61		.2	.6	.9	1.2	1.4	1.0	.3																										159	168	66	5		
60/59		.4	.6	2.0	2.2	1.6	.6	.1																										212	221	131	13		
58/57	.0	.3	1.3	2.0	2.5	1.2	.5	.0																										225	245	222	36		
56/55	.2	1.0	2.0	2.1	2.2	.5	.1	.0																										228	242	233	67		
54/53	.4	1.1	1.9	2.7	1.8	.2																												227	240	279	114		
52/51	.5	1.4	2.2	2.1	.5	.2																												194	204	295	149		
50/49	.4	2.1	4.0	1.7	.4	.1																												245	250	338	337		
48/47	.3	2.8	2.7	.5	.1	.1																												185	186	358	296		
46/45	.2	4.2	1.7	.4	.0																													183	183	326	311		
44/43	.2	2.3	1.4	.0																														118	119	247	344		
42/41	.0	1.3	.9																															64	64	128	461		
40/39	.2	.5	.5																															33	33	82	282		
38/37	.0	.2	.1																															10	10	39	165		
36/35		.2	.0																															7	7	10	93		
34/33		.2	.1																															7	7	13	64		
32/31	.0																																	1	1		45		
30/29																																					1	8	
28/27																																					9	1	
26/25																																					1	1	
24/23																																					1	1	
TOTAL	2.5	18.8	20.6	15.4	13.6	10.1	7.6	5.7	3.6	1.9	.3																								2945	2804	2804		
																																				2804	2804		
Element (X)	Σx'	Σx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.	13408373	187623	66.9	17.435	2804	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb	9681109	166633	56.6	9.224	2945			.3	126.8	42.7	3.3	744																											
Wet Bulb	7100003	140081	50.0	6.029	2804			1.1	.3			744																											
Dew Point	5630024	124574	44.4	5.838	2804			17.0				744																											

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72  
 STATION STATION NAME YEARS

JUN  
 MONTH

PAGE 1 ALL  
 HOURS 1 5 T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
88/ 87																																		2	2						
86/ 85																				.1	.0	.1												7	7						
84/ 83																				.1	.1													7	9						
82/ 81																				.1	.4	.7	.1											35	38						
80/ 79																				.0	.2	.4	.5	.1											35	37					
78/ 77																				.1	.2	.4	.8	1.4	.5	.0									95	98					
76/ 75																				.0	.1	.6	1.0	1.2	.6	.0									97	103					
74/ 73																				.4	1.0	1.3	1.4	.3	.0										125	134					
72/ 71																				.0	.5	1.7	1.7	.8	.4										142	152					
70/ 69																				.0	.2	.5	1.5	1.1	1.6	.5	.2									161	171				
68/ 67																				.4	1.3	1.4	2.1	.9	.1											172	179		4		
66/ 65																				.6	1.2	1.0	1.6	1.0	.1											174	163		6		
64/ 63																				.0	.3	.9	1.6	2.0	1.1	.3											171	182		11	
62/ 61																				.0	.3	1.2	1.6	1.7	1.0	.3											176	194		43	
60/ 59																				.1	1.7	1.7	2.7	1.9	.7	.1											248	278		127	
58/ 57																				.3	1.6	2.2	1.9	1.2	.1	.1											204	223		178	
56/ 55																				.1	2.3	2.4	1.6	.5													191	210		228	
54/ 53																				.2	2.6	2.3	1.4	.4	.0												194	216		288	
52/ 51																				.6	2.6	1.8	.8	.1													163	182		368	
50/ 49																				2.1	2.1	2.0	.5	.0													186	200		542	
48/ 47																				.7	1.7	1.1	.1														100	112		288	
46/ 45																				.4	1.4	.3	.1														58	61		259	
44/ 43																				.3	.7	.1																31	32		185
42/ 41																				.2	.2	.0																12	12		30
40/ 39																				.0																		1	1		7
38/ 37																																									
36/ 35																																									
34/ 33																																									
TOTAL	5.1	17.8	17.3	15.3	12.9	11.2	9.0	5.1	3.7	2.0	.5	.1																								2996		2767			
																																					2767		2767		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	13971197	190747	68.9	17.237	2767							
Dry Bulb	11530372	183742	61.3	9.347	2996			223.5	102.9	17.1		720
Wet Bulb	8444559	151667	54.9	5.963	2767			7.8				720
Dew Point	7043590	138798	50.2	5.419	2767							720

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66=72

YEARS

JUL  
 MONTH

PAGE 1 ALL  
 HOURS ALL S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91																																					1	1		
90/ 89																			.1	.0	.1	.2	.0													13	13			
88/ 87								.0								.0	.1	.3	.2	.0																21	21			
86/ 85							.1	.0	.2	.2	.3	.5	.3																							48	48			
84/ 83						.0	.1	.2	.4	.5	.7	.4																								73	73			
82/ 81					.1	.2	.2	.6	.9	.5	.2	.1																								84	84			
80/ 79				.1	.2	.3	.4	1.0	.7	.1	.0																								87	87		1		
78/ 77			.1	.2	.2	.6	.7	.8	1.0	.4	.0																								120	121		3		
76/ 75			.0	.1	.4	.5	1.5	.6	.7																										118	118		6		
74/ 73		.1	.1	.3	.7	.9	1.2	1.5	.2																										146	146		24		
72/ 71		.0	.3	.4	1.5	1.5	1.2	.7	.1																										174	174		43		
70/ 69	.0	.1	.4	1.1	1.8	1.4	1.5	.3																											198	198		73		
68/ 67	.0	.2	.9	1.5	1.6	1.7	1.3	.1																											223	224		134		
66/ 65		.3	1.8	1.4	1.7	1.1	.4																												202	202		208		
64/ 63	.1	1.2	2.0	1.6	1.4	.9	.3																												224	225		267		
62/ 61	.1	2.4	1.9	1.9	.9	.8	.1																												244	244		311		
60/ 59	.4	2.5	2.4	2.3	1.7	.5																													293	294		419		
58/ 57	.4	2.3	1.8	2.1	1.1	.1																													235	235		355		
56/ 55	.3	2.2	2.0	1.2	.3																														161	182		321		
54/ 53	.3	2.3	1.8	.7																															153	153		277		
52/ 51	.4	1.4	1.6	.2																															108	108		267		
50/ 49	.2	.8	.6																																48	48		158		
48/ 47	.2	.4	.2																																21	21		86		
46/ 45	.1	.1																																	5	5		22		
44/ 43		.0																																	1	1		6		
42/ 41																																							51	
40/ 39																																							2	
TOTAL		2.5	16.2	17.7	19.0	13.7	10.6	9.3	6.3	4.6	2.5	1.3	.3	.0																					3026		3021	3021		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total
						$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$		
Rel. Hum.	14831183	205343	68.0	17.008	3021						
Dry Bulb	13271910	198424	65.6	9.282	3026	321.6	175.1	68.8			744
Wet Bulb	10437487	176647	58.3	5.991	3021	69.9	3.4				744
Dew Point	8820507	162337	53.7	3.956	3021	18.3	1.7				744

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





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

YEARS

SEP  
MONTH

PAGE 1

ALL  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	DB.	W.B.	Dry Bulb	Wet Bulb	Dew Point	DB.	W.B.	Dew Point												
82/ 81																		.0														1	1				
80/ 79																		.1	.1														2	8			
78/ 77																		.0	.2	.3	.2	.1											22	22			
76/ 75																		.1	.2	.4	.4	.2											39	39			
74/ 73																		.0	.1	.6	.7	.4											56	56			
72/ 71																		.2	.4	.8	1.0	.2	.0										79	79			
70/ 69																		.1	.4	1.2	1.3	1.3	.2	.0	.0								136	136		1	
68/ 67																		.0	.2	1.0	1.4	1.6	.2	.1									144	144		10	
66/ 65																		.0	.6	.9	1.6	1.3	.4	.1									149	149		29	
64/ 63																		.2	1.1	1.6	1.9	.8	.6	.1									186	186		88	
62/ 61																		.6	1.8	2.3	1.7	1.2	.4	.1									242	242		179	
60/ 59																		.1	1.7	2.8	3.5	1.6	1.1	.2									332	332		232	
58/ 57																		.3	3.0	3.4	2.3	1.6	.3	.1									331	331		307	
56/ 55																		.9	2.9	3.0	1.9	.7	.0	.1									286	287		294	
54/ 53																		.9	3.4	2.1	1.2	.3	.1										244	244		433	
52/ 51																		1.0	3.0	2.4	1.0	.1											224	224		370	
50/ 49																		1.1	3.1	2.0	.2	.1											194	193		347	
48/ 47																		1.0	2.2	1.1	.1												133	136		255	
46/ 45																		1.0	2.1	.3	.1												104	104		181	
44/ 43																		.7	1.2	.3	.0												68	68		107	
42/ 41																		.1	.9	.1	.0												34	40		56	
40/ 39																		.0	.0	.0	.0												3	8		20	
38/ 37																			.0														1	1		5	
36/ 35																			.1														2	2		22	
34/ 33																		.0															1	1		4	
32/ 31																		.0															1	1		2	
30/ 29																																				1	
28/ 27																																				1	
TOTAL	7.2	24.4	21.3	16.6	12.7	9.2	5.6	2.1	.6	.2																							3020	3036		3020	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	17578486	225554	74.7	13.578	3020							
Dry Bulb	10400267	176041	58.0	7.969	3036			.2	115.0	29.9	.9	720
Wet Bulb	8635466	160598	53.2	5.614	3020			.3	2.6			720
Dew Point	7463060	149198	49.4	5.585	3020			1.2				720

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

YEARS NOV  
 MONTH ALL  
 PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 67																														1	1				
64/ 63																														3	3				
62/ 61																														8	8				
60/ 59																														22	22				
58/ 57																														28	28		1		
56/ 55																														28	28		7		
54/ 53																														48	48	16	2		
52/ 51																														63	63	27	5		
50/ 49																														107	107	50	15		
48/ 47																														127	128	113	34		
46/ 45																														192	193	147	71		
44/ 43																														221	222	256	137		
42/ 41																														283	304	248	271		
40/ 39																														259	280	285	300		
38/ 37																														286	298	330	296		
36/ 35																														235	250	253	288		
34/ 33																														268	293	276	303		
32/ 31																														315	332	366	386		
30/ 29																														275	278	327	376		
28/ 27																														149	152	177	168		
26/ 25																														59	60	83	144		
24/ 23																														28	28	37	120		
22/ 21																														6	6	21	63		
20/ 19																														5	5	4	32		
18/ 17																														2	2	4	19		
16/ 15																																	8		
14/ 13																																	7		
12/ 11																																	2		
10/ 9																																	1		
TOTAL	23.8	49.7	17.9	5.6	2.1	.8	.1																							3028	3146		3028		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum	22556264	258942	85.5	11.675	3028							720
Dry Bulb	4766997	120077	38.2	7.646	3146			177.5	.2			720
Wet Bulb	4143096	110186	36.4	6.642	3028			242.3				720
Dew Point	3630894	102950	34.0	6.570	3028			310.5				720

USAFETAC FORM 0-20-5 (OL A) 1 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

DEC  
 MONTH

PAGE 1 ALL  
 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
56/55											.1																						2	2				
54/53											.2																							7	7			
52/51											.0																							2	2			
50/49				.5	.3																													30	30			
48/47		.1	.5	.2	.1																													27	27	23	3	
46/45		.0	.8	.2	.1																													38	38	38	23	
44/43		.1	1.3	.7	.3																													79	79	43	35	
42/41		.3	2.3	1.2	.3																													133	133	73	40	
40/39		.2	2.5	1.3	.1																													132	142	122	76	
38/37		.5	3.7	.9																														163	173	160	106	
36/35		.9	5.6	.9	.1																													240	251	212	143	
34/33		2.9	9.2	1.4	.1																													436	450	321	275	
32/31		6.0	7.2	.7																														448	457	508	488	
30/29		4.9	6.0	.2																														357	363	426	414	
28/27		4.0	3.8	.2																														254	255	312	300	
26/25		2.6	2.5																															164	167	197	272	
24/23		2.2	2.4	.0																														150	153	136	261	
22/21		1.2	2.9	.1																														135	136	143	127	
20/19		1.0	2.1	.0																														100	101	111	99	
18/17		.9	1.3																															71	73	95	112	
16/15		1.6	.6																															69	69	78	88	
14/13		1.1	.8																															62	62	58	116	
12/11		.8	.7																															48	48	49	62	
10/9		.9	.2																															37	37	46	41	
8/7		.7	.1																															26	26	29	51	
6/5		.2																																6	6	6	52	
4/3		.0																																1	1	1	28	
2/1																																					2	
0/0																																					2	
TOTAL		33.1	56.9	8.5	1.1	.3	.1																												3217	3288	3217	3217

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	24732369	280553	87.2	9.086	3217							744
Dry Bulb	3230206	99372	30.2	8.309	3288			442.1				744
Wet Bulb	2910480	93418	29.0	7.841	3217			507.6				744
Dew Point	2524784	85914	26.7	8.463	3217				5	581.9		744

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

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47  
STATION STATION NAME YEARS

JAN  
MONTH

PAGE 1 0000-0200  
HOURS L.S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
38/37	1.1	1.1																2	2	1	1														
36/35	5.4	5.4																10	10	8	6														
34/33	5.4	6.5																11	11	10	10														
32/31	3.2	2.2																5	5	7	8														
30/29	3.2																	3	3	5	6														
28/27	2.2	1.1																3	3	2	2														
26/25	6.5	2.2																8	8	7	7														
24/23	2.2	2.2																4	4	4	10														
22/21	3.2	1.1																4	4	5	4														
20/19	5.5	1.1																7	7	8	1														
18/17	1.1																	1	1	1	6														
16/15	4.3																	4	4	4	4														
14/13	1.1																	1	1	1	4														
12/11	5.4																	5	5	5	1														
10/9	8.6	1.1																9	9	9	2														
8/7	7.5																	7	7	7	4														
6/5	2.2																	2	2	2	9														
4/3	4.3																	4	4	4	5														
2/1																					5														
0/0	2.2																	2	2	2															
38/33	1.1																	1	1	1	1														
36/35	1.1																				3														
34/33																					1														
32/31																					3														
30/29																					1														
TOTAL	76.229.7																	93	93	93	93														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	768374	8430	90.6	6.943	93							93
Dry Bulb	53014	1962	21.111	240	93	3.0	70.0					93
Wet Bulb	51735	1940	20.911	267	93	3.0	74.0					93
Dew Point	47501	1749	18.812	601	93	3.0	76.0					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47, 71

JAN  
 MONTH

STATION

STATION NAME

YEARS

PAGE 1 0300-0500

NO. 45 U.S.A.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																			
44/43			1.5																															2	2			
42/41		.8																																1	1	1	1	
40/39		1.6		1.6																														4	4	4	2	
38/37					.8		.8																											2	2	2	2	
36/35		3.2	4.8																															10	10	8	5	
34/33		.8	5.6																															8	8	8	11	
32/31		9.6	2.4																															15	15	17	17	
30/29		1.6	.8																															3	3	4	8	
28/27		1.6	1.6																															4	4	3	2	
26/25		4.0	1.6																															7	7	7	4	
24/23		4.8	3.2		.8																													11	11	9	9	
22/21		3.2	1.6																															6	6	8	4	
20/19		5.6	1.6																															9	9	10	5	
18/17		.8																																1	1	2	10	
16/15		6.4																																8	8	8	4	
14/13		2.4																																3	3	3	8	
12/11		1.6																																2	2	2	3	
10/9		1.6																																2	2	2	2	
8/7		6.4	2.4																															11	11	10	5	
6/5		5.6																																7	7	8	8	
4/3		1.6																																2	2	2	8	
2/1		1.6	.8																															3	3	2	9	
0/0		3.2																																4	4	5	1	
42/43																																						
44/45																																						
46/47																																						
48/49																																						
50/51																																						
52/53																																						
54/55																																						
56/57																																						
TOTAL	68,027.2	4.0	.8																																	125	125	125

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1006371	11167	89.3	8.403	125							
Dry Bulb	77922	2760	22.111	7.02	125	3.0	72.9					93
Wet Bulb	74133	2697	21.611	6.39	125	3.7	75.9					93
Dew Point	66409	2423	19.412	5.21	125	6.0	78.9					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66>72

JAN  
 MONTH

STATION

STATION NAME

YEARS

PAGE 1 C60G-C800

NO 55 1 51

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dr. Bulb	Wet Bulb	De. Point													
46/45		.3	.2	.3																												5	5		
44/43	.2	.5	.7																													8	8	3	1
42/41	.2	.5	.2																												5	5	5	2	
40/39	.9	1.7	.3																												17	17	17	8	
38/37	.5	6.1	.2																												39	40	13	12	
36/35	1.2	7.5																													50	50	55	21	
34/33	1.2	5.0	.2																												37	40	54	54	
32/31	2.4	8.2	.5																												64	65	50	60	
30/29	3.8	4.7																													49	51	67	44	
28/27	6.8	2.8																													55	56	57	64	
26/25	4.3	3.1	.2																												44	45	40	56	
24/23	4.2	2.8	.2																												41	42	40	51	
22/21	1.6	.9																													14	14	24	30	
20/19	2.6	.9	.2																												21	24	21	21	
18/17	2.3	1.7																													23	23	17	16	
16/15	3.5	2.3																													33	36	36	20	
14/13	.7	.3																													6	6	11	15	
12/11	.9	.5																													8	9	6	26	
10/9	1.9	.3																													13	13	14	5	
8/7	.9	1.2																													12	13	8	15	
6/5	2.1	.3																													14	14	20	7	
4/3	1.6	.2																													10	10	10	10	
2/1	.2	.2																													1	1	1	14	
0/0	.7																														4	4	4	10	
2/2	.5																														3	3	3	7	
24/23																																			4
22/21																																			3
20/19																																			3
TOTAL	44.852	1.2.8	.3																													576	594	576	576

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	4512060	50790	88.2	7.638	576							
Dry Bulb	464943	15549	26.2	9.883	594	1.1	67.2					93
Wet Bulb	426350	14580	25.5	9.329	576	1.1	69.3					93
Dew Point	571711	13255	23.2	10.389	576	3.3	77.2					93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66=72

YEARS

JAN

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
50/49					.2																									1	1				
48/47					.5																									3	3				
46/45			.2		.5																									4	4				
44/43			.5		.3																									9	9	3			
42/41	.5	1.3	1.3		.2																								20	20	11	5			
40/39		3.2	1.7																										31	33	16	2			
38/37			5.4	.9																									40	42	37	11			
36/35	.9	5.8	.8																										54	54	55	37			
34/33	2.1	3.4	.9																										53	54	64	54			
32/31	1.7	6.2	.2																										52	53	55	73			
30/29	2.2	7.4	.2																										62	62	67	54			
28/27	5.1	4.1																											58	58	65	54			
26/25	2.8	2.7	.2																										36	36	39	66			
24/23	3.8	2.8																											42	42	45	63			
22/21	1.7	1.6																											21	22	21	24			
20/19	1.9	1.7																											23	23	25	24			
18/17	2.7	1.6	.5																										26	26	26	23			
16/15	1.6	2.4																											25	25	29	21			
14/13	.3	2.1																											15	15	13	20			
12/11	.6	1.3																											12	12	13	21			
10/9	1.1	.8																											12	12	15	7			
8/7	.3	.9																											8	8	7	16			
6/5	1.1	1.3																											15	15	17	15			
4/3	.8	.2																											6	6	7	8			
2/1	.2																												1	1	1	8			
0/0	.2																												2	2	2	15			
2/0	.2																																4		
4/0	.2																																4		
6/0	.2																																1		
TOTAL	31.8	59.7	6.6	1.7	.2																								633	640	633	633			

Element (X)	Z <sub>x</sub>	Z <sub>x</sub>	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4696574	54254	85.7	8.378	633							
Dry Bulb	345358	17626	27.5	9.700	640	.3	61.0					93
Wet Bulb	494860	16714	26.4	9.204	633	.3	65.7					93
Dew Point	418810	14980	23.7	10.087	633	3.5	76.5					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,6672

YEARS JAN MONTH

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point						
52/51										.2	.3																								3	3				
50/49										.2	.2																							7	7					
48/47					.3	.2	.3	.2		.5	.2																							7	7					
46/45				.5	.2	.1	.1	.3																										12	12	3				
44/43			1.3	1.3	.2				.2																									19	19	15	4			
42/41			1.6	2.1						.2																								23	24	10	10			
40/39			3.1	2.5																														34	35	32	5			
38/37		.5	7.3	.7																														52	52	53	18			
36/35		.7	4.9	.2																														35	35	53	52			
34/33	1.0	7.4	2.3	.2																														66	66	46	71			
32/31	1.3	7.7	1.5	.3																														67	67	52	60			
30/29	3.4	5.7	.3																															58	59	92	52			
28/27	1.8	3.4		.3																														34	36	45	58			
26/25	1.8	3.3	.3																															33	34	26	46			
24/23	2.0	3.6																																34	34	37	45			
22/21	1.8	2.0																																23	23	35	33			
20/19	2.1	2.5	.3																															30	30	25	25			
18/17	1.3	1.5																																14	14	16	27			
16/15	1.0	1.3	.1																															16	16	17	17			
14/13	1.5	1.6																																18	18	20	16			
12/11	.4	1.3																																10	10	10	17			
10/9	.2	1.1																																5	8	12	7			
8/7	.2	.2																																2	2	3	7			
6/5	.3	.3																																4	4	2	17			
4/3																																					12	7		
2/1																																						1	1	
0/-1																																						1	1	
-2/-3																																						2	2	
-4/-5																																							1	1
TOTAL	20.3	22.7	12.2	3.6	1.0	.2																														611	611	611	611	

Element (X)	Zx <sup>2</sup>	Zx	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4233655	30735	33.0	10.775	611							
Dry Bulb	612420	18614	30.2	3.176	617		53.2					93
Wet Bulb	544992	17492	28.6	3.314	611		60.1					93
Dew Point	631028	15280	25.0	3.520	611	.6	68.6					93

USAFETAC FORM 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

36172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
54/53					.2	.5																													3	3			
52/51					.2	.5																													4	4			
50/49			.4			.5																													4	4			
48/47		.2	1.0	.2	.2																														10	10		1	
46/45		.7	.5	.2	.3																														10	10		8	
44/43		.7	1.0	.3	.2																														13	13		15	
42/41		2.0	2.2																																25	25		9	
40/39		3.2	2.5		.2																														39	41		28	
38/37	.3	7.4	.5																																49	50		47	
36/35	2.0	4.4	1.7																																48	48		61	
34/33	2.5	5.5	2.2																																61	62		54	
32/31	2.0	7.4	.3	.2																															59	59		64	
30/29	2.5	6.2	.5	.2																															56	56		70	
28/27	2.3	3.0	.7	.2																															37	40		42	
26/25	1.5	3.2	.2	.2																															28	30		33	
24/23	3.0	3.2	.2	.2																															43	43		43	
22/21	.8	1.8	.2	.2																															17	17		23	
20/19	1.7	3.4	.2	.2																															31	31		24	
18/17	.8	2.0	.2	.2																															18	18		25	
16/15	.3	1.3	.2	.2																															12	12		11	
14/13	.7	1.2																																	11	11		18	
12/11	.3	.7																																	6	6		5	
10/9	.5	1.3																																	12	12		9	
8/7		.2																																	1	1		7	
6/5																																							
4/3																																							
2/1																																							
0/-1																																							
TOTAL	22.1	60.0	14.2	1.3	2.3																															597	606	597	597

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	4209735	49699	82.2	11.021	397							
Dry Bulb	616644	18564	30.6	8.934	606			51.6				93
Wet Bulb	546385	17375	29.1	8.264	597			58.3				93
Dew Point	433132	15498	26.0	9.232	597	.6	67.0					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/NAAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

YEARS

JAN  
 MONTH

PAGE 1 1800-2000  
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
50/49						.4	.4																												2	2		
48/47						.4																													2	2		
46/45			1.2																																3	3		
44/43				1.2	.4																													4	4		6	
42/41		.4	1.2	.8				.4																										5	5		3	
40/39		1.2	3.5	.4																														13	12	12	.6	
38/37			6.9																															19	19	16	6	
36/35		.8	5.8	.8																														19	19	22	20	
34/33		3.1	5.4	.4																														23	23	23	30	
32/31		3.1	6.2	.4																														25	25	25	24	
30/29		2.3	4.6																															18	18	20	17	
28/27		2.3	2.3	.8																														14	15	16	20	
26/25		1.9	3.5	.4																														15	17	16	15	
24/23		3.5	1.5																															13	14	15	20	
22/21		1.9	2.3																															11	11	12	9	
20/19		3.1	1.9																															13	13	11	8	
18/17		1.9	3.1																															13	13	13	13	
16/15		3.5	1.2	.4																														13	13	13	9	
14/13		1.2	1.2																															6	6	8	12	
12/11		1.5	1.5																															8	8	8	6	
10/9		3.1	2.7																															15	15	13	7	
8/7		.4	.4																															2	2	6	10	
6/5			.8																															2	2		12	
4/3																																					2	2
2/1																																					2	2
0/-1																																					6	6
TOTAL		35.0	57.3	5.4	1.5	.8																													260	265	260	260

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1918327	22165	85.3	10.538	260	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	226420	7278	27.9	10.026	265		60.4					93
Wet Bulb	204675	6857	26.4	9.592	260		63.7					93
Dew Point	173632	6102	23.5	10.838	260	2.1	70.1					93

USAFETAC FORM 0-26-5 (O.L.A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

YEARS

JAN

PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/39	1.1																	1	1	1	1														
38/37	2.2	3.2																5	5	3	1														
36/35	4.3	4.3																8	8	7	5														
34/33	5.4	3.2																8	8	9	10														
32/31	5.4	2.2																7	7	8	10														
30/29	1.1																	1	1	2	3														
28/27	1.1	4.3																5	5	2	2														
26/25	12.9	3.2																15	15	17	2														
24/23	1.1																	1	1	2	17														
22/21																					2														
20/19	3.2																	3	3	3															
18/17	2.2																	2	2	2	3														
16/15	5.4	1.1																6	6	6	2														
14/13	2.2	1.1																3	3	2	3														
12/11	6.5	3.2																9	9	8	4														
10/9	4.3	1.1																5	5	6	3														
8/7	5.4																	5	5	6	4														
6/5	4.3																	4	4	4	6														
4/3	3.2																	3	3	3	11														
2/1	1.1																	1	1	1	3														
0/0	1.1																	1	1	1	1														
2/0																		1	1	1	1														
4/0																					1														
TOTAL	73.126.9																	93	93	93	93														

Element (X)	Zx'	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	760158	8382	90.1	7.145	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	55405	2023	21.8	11.131	93	1.0	71.0					93
Wet Bulb	53917	1995	21.5	10.995	93	1.0	73.0					93
Dew Point	48567	1795	19.3	12.292	93	3.0	76.0					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

**34172** STATION     **ANSBACH AAF GERMANY/KATTERBACH** STATION NAME

**47** YEARS

YEARS

**FEB** MONTH

PAGE 1     00000200  
HOURS (L. S. T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11	12-13	14-15	16-17	18	19-20	21	22-23	24	25	26-27	28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																							
38/37	2.5																																		2	2	2	2									
36/35	4.9																																			4	4	4	4								
32/31		2.5																																			2	2									
30/29	1.2																																				1	1	3	3							
26/25	7.4																																				6	6	6	3							
24/23	7.4																																				6	6	6	8							
22/21	6.2	2.5																																			7	7	5	2							
20/19	14.8	3.7																																			15	15	14	3							
18/17	8.6	3.7																																				10	10	12	13						
16/15	12.3	3.7																																				13	13	13	10						
14/13	4.9	1.2																																				5	5	6	11						
12/11	2.5																																					2	2	2	10						
10/9	1.2	3.7																																					4	4	1	2					
8/7	2.5																																					2	2	3	2						
6/5	2.5																																					2	2	2	3						
4/3																																										3		3			
2/1																																											2		2		
<b>TOTAL</b>	<b>79.021.0</b>																																										<b>81</b>		<b>81</b>		<b>81</b>

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	662137	7305	90.2	6.456	81							
Dry Bulb	34585	1573	19.4	7.104	81		77.8					84
Wet Bulb	33998	1556	19.2	7.165	81		77.8					84
Dew Point	28919	1375	17.0	8.350	81		77.8					84

USAFETAC FORM NO. 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

36172 STATION     ANSBACH AAF GERMANY/KATTERBACH STATION NAME     47.71 YEARS

FEB  
MONTH

PAGE 1     0300-0500  
HOURS T. S.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																			
44/43				1.0																													1	1				
38/37	2.0																																	2	2	4	3	
36/35		3.0																																3	3			
34/33	1.0	3.0																																10	10	4	5	
32/31		2.0																																2	2	9	4	
30/29	1.0	1.0																																2	2	3	7	
28/27	2.0																																	2	2	3	3	
26/25	3.0																																	9	9	9	5	
24/23	7.0																																	7	7	7	7	
22/21	4.0	1.0																																5	5	5	5	
20/19	9.0	5.0	1.0																															15	15	9	4	
18/17	10.0	3.0																																13	12	19	5	
16/15	5.0	1.0																																6	6	5	13	
14/13	8.0	2.0																																10	10	11	10	
12/11	1.0	1.0																																2	2	1	11	
10/9	3.0	2.0																																5	5	4	2	
8/7	4.0																																	4	4	6	5	
6/5	1.0																																	1	1	1	4	
4/3																																					4	4
2/1																																					3	3
TOTAL	68.0	30.0	1.0	1.0																														100	100	100	100	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	786291	8827	88.3	8.687	100	< 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	51924	2120	21.2	8.397	100		69.7					84
Wet Bulb	49297	2071	20.7	8.044	100		77.3					84
Dew Point	41296	1818	18.2	9.126	100		77.3					84

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.56=72

YEARS

FEB

PAGE 1 0600-0800  
 HOURS LL S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
52/ 51			.5																								3	3							
50/ 49		.2	.5		.4																						6	6							
48/ 47			.5																								3	3		4					
46/ 45			1.0		.5																						12	12	5	4					
44/ 43			1.4	.7																							12	12	15	1					
42/ 41	.2	6.0	.9																							40	40	11	15						
40/ 39	.4	3.2	1.6																							29	29	39	26						
38/ 37	.5	6.6	1.6																							49	49	34	23						
36/ 35	.4	5.0	.4																							32	32	49	27						
34/ 33	1.2	8.2	2.0																							64	64	54	45						
32/ 31	2.7	6.9	.4																							56	57	58	85						
30/ 29	1.2	6.0																								41	41	56	41						
28/ 27	1.4	2.8																								24	24	41	39						
26/ 25	2.3	1.8																								22	22	25	49						
24/ 23	3.0	2.0																								28	29	20	41						
22/ 21	2.0	3.7																								32	33	34	13						
20/ 19	.9	3.4																								24	24	21	14						
18/ 17	2.7	2.3																								28	28	38	26						
16/ 15	2.3	.5																								16	16	16	29						
14/ 13	1.4	.4																								10	10	10	36						
12/ 11	1.1	1.1																								12	12	7	11						
10/ 9	2.0	.2																								12	12	18	6						
8/ 7	.2																									1	1	1	14						
6/ 5	.3																									3	3	3	8						
4/ 3	.5																									3	3	3	2						
2/ 1																										3	3	3	7						
TOTAL	26.9	69.2	9.1	.9																							562	565	562	562					

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4202183	48423	26.2	7.308	562							
Dry Bulb	354494	16834	29.8	9.688	565		46.8					84
Wet Bulb	306691	16085	28.6	9.087	562		52.5					84
Dew Point	434041	14677	26.1	9.210	562		62.9					84

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 - ANSBACH AAF GERMANY/KATTERSACH 47.66-72

FEB

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
56/55										.2																									1	1			
52/51				.2	.2	.2																													3	3			
50/49				.5	1.1	.4																													11	11			
48/47				.9	.5																														8	8		1	
46/45			1.4	.9	.7																														17	17		8	
44/43			3.6	1.4	.5																														31	31		24	
42/41		.4	4.4	1.6	.4																														38	38		31	
40/39		.2	2.6	2.5		.2																													36	36		40	
38/37		.5	5.5	1.6	.2																														44	44		37	
36/35		.4	8.4	.5	.2																														53	53		51	
34/33		2.7	3.6	2.7																															50	51		74	
32/31		.5	6.0	1.1																															43	46		36	
30/29		.7	3.9																																26	27		44	
28/27		1.2	3.0	.5																															27	27		32	
26/25		1.8	2.3																																23	23		22	
24/23		2.0	4.8	.4																															40	40		30	
22/21		1.6	4.3																																33	35		40	
20/19		.7	3.6																																24	24		25	
18/17		1.8	.4																																12	13		25	
16/15		1.4	1.2																																13	13		13	
14/13		.7	.5																																7	7		7	
12/11		1.4	.5																																11	11		12	
10/9		.7																																	4	4		5	
8/7		.5	.2																																4	4		4	
6/5		.2																																	1	1		1	
4/3																																							
2/1																																							
TOTAL		19.4	61.2	14.8	3.7	.7		.2																												362	370		562

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3958412	46882	33.4	9.203	562	≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	620467	17991	31.6	9.616	570		40.8					84
Wet Bulb	549606	16866	30.0	8.800	562		44.2					84
Dew Point	457527	13189	27.0	9.158	562		58.6					84

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.6672  
STATION ID STATION NAME

YEARS

FEB  
MONTH

PAGE 1 1200=1400  
HOURS L.S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
56/55						.5												3	3																				
54/53					.2	1.6	.9	.2										16	15																				
52/51					.5	.7	.2											8	8																				
50/49			.2	.9	.9													11	11																				
48/47			.9	2.2	1.1	.4												25	25																		6		
46/45			1.4	3.1	1.4	.2												34	34																		33	1	
44/43			3.1	1.1	1.3													30	30																		34	5	
42/41	.2	2.3	2.7	.5														32	32																		35	30	
40/39	.4	2.9	3.4	.5	.2													41	41																		34	38	
38/37	.2	4.6	2.2	.7														44	44																		48	30	
36/35	.4	5.2	1.3	.5														41	43																		46	43	
34/33	1.3	6.6	2.2															56	57																		70	49	
32/31	.9	6.3	1.6	.2														50	52																		46	93	
30/29	.4	3.1	.9															24	24																		37	32	
28/27	.5	3.2	.2															22	22																		28	41	
26/25	2.7	3.2	.4															35	35																		43	35	
24/23	1.1	3.1	.4															25	26																		24	41	
22/21	1.4	3.8																29	29																		30	32	
20/19	1.3	.9																12	12																		20	14	
18/17	.7	.4																6	6																		10	33	
16/15	.7	.2																5	5																		5	12	
14/13	.9	.4																7	7																		7	16	
12/11	.2																	1	1																		1	8	
10/9																																						3	
8/7																																						1	
TOTAL	13.1	51.9	22.3	7.9	3.1	1.6	.2																															557	
																			557																		557		

Element (X)	$\sum x'$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum.	3654005	44627	80.111	880	557							
Dry Bulb	736610	19706	34.9	9,242	554		32.6					84
Wet Bulb	620682	18207	32.7	7,995	557		37.9					84
Dew Point	508314	16232	29.1	7,966	557		54.4					84

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72

FEB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 55					.4	1.6												11	11																
54/ 53				.2	.7	.7	.2											16	16																
52/ 51			.2	.5	.4													6	6																
50/ 49		.4	1.3	.9	.2													15	15																
48/ 47		1.1	2.9	.4	.5													27	27	10															
46/ 45		1.8	3.3	2.2	.4													42	42	31	3														
44/ 43		1.8	2.5	2.2	.2													37	37	44	14														
42/ 41	.2	2.9	2.0	.9														33	33	26	18														
40/ 39	.7	2.0	4.5	.7	.4													46	46	54	47														
38/ 37	.4	4.3	1.1	.5														35	36	41	28														
36/ 35	.2	4.5	1.9	.5														36	38	45	51														
34/ 33	1.6	6.2	2.2	.7														59	59	63	40														
32/ 31	.9	4.7	.9	.2														37	40	45	84														
30/ 29	.5	5.1	.7															35	35	49	49														
28/ 27	2.0	2.7	.7															30	31	42	35														
26/ 25	.9	2.7	.4															22	22	18	37														
24/ 23	1.6	4.0	.2															32	32	28	41														
22/ 21	.7	2.0																15	15	23	28														
20/ 19	1.4	.9																13	13	20	19														
18/ 17	.4																	2	2	4	28														
16/ 15	.2																	1	1	1	12														
14/ 13	.9	.5																8	8	8	9														
12/ 11																					5														
10/ 9																					4														
TOTAL	12.7	47.6	24.1	10.0	3.1	2.4	.2												552	552	552														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3546703	43675	79.1	12.857	552							
Dry Bulb	766583	20067	35.9	9.101	552		29.9					84
Wet Bulb	651107	18467	33.5	7.774	552		36.2					84
Dew Point	520138	16398	29.7	7.740	552		33.4					26

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66=72

YEARS

FEB

PAGE 1 1800=2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL Wet Bulb Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point															
54/ 53				.4	.4																											5	5		
52/ 51				.4	.4																											5	5		
50/ 49		1.2		1.6																												7	7		
48/ 47		.8	2.1																													5	8	5	
46/ 45		4.1	1.6																													14	14	8	
44/ 43		2.1	2.9	.4																												13	13	25	
42/ 41		2.1	3.7	.8																												16	16	8	
40/ 39	.8	1.6	3.3																													14	14	15	
38/ 37	.4	5.3	.4	.6																												17	17	22	
36/ 35	.4	2.5	.8	.4																												10	10	14	
34/ 33	2.1	2.9	1.2																													15	15	19	
32/ 31	2.1	5.8	.8																													21	21	14	
30/ 29	1.2	3.7	.4																													13	13	18	
28/ 27	1.2	2.5	.4																													10	10	13	
26/ 25	2.1	1.6	.4																													10	10	12	
24/ 23	4.5	1.6	.4																													16	16	16	
22/ 21	3.3	2.1																														13	13	15	
20/ 19	4.9	2.9																														19	19	18	
18/ 17	3.3	.8																														10	10	14	
16/ 15	.8																															2	2	2	
14/ 13	2.1																															5	5	5	
12/ 11																																			
10/ 9																																			
TOTAL	29.2	243.6	18.5	5.3	2.1	1.2																											243	243	243

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	1709971	20189	82.1	11.610	243							
Dry Bulb	291532	8037	33.1	10.309	243		41.1					84
Wet Bulb	257580	7602	31.3	9.036	243		43.9					84
Dew Point	212558	6852	28.2	8.942	243		53.2					84



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

YEARS

MAR

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/47		3.3																3	3																
46/45	2.2	3.3	3.3															2	2	5	3														
44/43		6.7																6	6	4	3														
42/41	6.7	5.6																11	11	17	13														
40/39	5.6	7.8																12	12	10	14														
38/37	2.2	2.2	1.1															14	14	11	9														
36/35	2.2	1.1																3	3	9	10														
34/33	2.2	2.2																4	4	3	4														
32/31		2.2	1.1															3	3	2	5														
30/29	4.4																	4	4	6	5														
28/27	2.2	3.3																5	5	6	2														
26/25	1.1	5.6																6	6	4	1														
24/23	5.6																	5	5	7	8														
22/21	1.1																	1	1	1	7														
20/19	2.2																	2	2	2	1														
18/17																					1														
16/15	3.3																	3	3	3	1														
14/13																					1														
12/11																					2														
TOTAL	41.1	152.2	2.2	2.2														90	90	90	90														

Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 67 F	≤ 73 F	≤ 80 F	≤ 87 F	≤ 93 F	
Rel. Hum.	756710	2288	92.1	6.253	90						93
Dry Bulb	118017	3187	35.4	8.183	90		30.0				93
Wet Bulb	113492	3117	34.6	7.890	90		32.0				93
Dew Point	106112	2997	33.2	8.422	90		35.1				93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.71

YEARS MAR

PAGE 1 0300-0500

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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/45	.8	3.9	1.0																																8	8	2	1	
44/43	2.4	4.7																																	9	9	9	5	
42/41	3.9	3.9	1.0	.6																															13	14	12	11	
40/39	2.4	2.4	.8																																7	7	9	11	
38/37	3.1	3.1																																	8	8	9	9	
36/35	5.5	1.8	2.4																																25	25	19	11	
34/33	2.4	3.1																																	7	7	14	18	
32/31	3.9	.8	1.0																																8	8	8	13	
30/29	3.1	6.3																																	12	12	6	7	
28/27	3.1	2.4																																	7	7	15	8	
26/25	2.4	1.0																																	5	5	4	9	
24/23	3.1																																		4	4	6	12	
22/21	4.7																																		6	6	6	9	
20/19	.8	.8																																	2	2	2	1	
18/17																																				1		1	1
16/15																																				1		1	1
14/13	.8	.8																																	2	2	2		
12/11	.8																																		1	1	1	1	
10/9																																						1	1
8/7		.8																																	1	1	1	1	
6/5	.8	.8																																	2	2	9		
2/1																																							1
0/-1																																						2	
TOTAL	44.1	47.2	7.9	.8																																127	130	127	127

USAFETAC FORM 4 JUL 64 V-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Zx'	Zx	X	X <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1057216	11540	90.9	8.272	127							
Dry Bulb	153908	5326	33.3	8.783	130		37.2					93
Wet Bulb	143479	4137	32.6	8.318	127		38.8					93
Dew Point	132581	3941	31.0	9.035	127	1.5	44.7					93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/WATTERBACH 47,66=72

YEARS MONTH

PAGE 1 0600=0800

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	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point											
58/57								.2																								1	1		
52/51					.2																											1	1		
50/49			.3	.3	.3																										6	6		1	
48/47				.4	.5	.2																									9	9		2	
46/45	.2	2.0		.8	.3																										21	21		5	
44/43	.3	3.0	1.9	.5																											36	36		24	
42/41	1.2	3.0	2.3	.3																											44	44		39	
40/39	.9	2.9	2.0	.8																											55	55		44	
38/37	.9	7.3	2.8																												71	72		61	
36/35	1.2	7.3	2.0	.2																											69	69		87	
34/33	1.7	8.2	2.0																												77	77		74	
32/31	1.9	1.2	.6																												63	63		79	
30/29	.5	5.1	.3																												38	38		45	
28/27	1.7	5.9	.2																												50	50		58	
26/25	1.2	6.7	.2																												39	39		38	
24/23	.6	1.6																													14	14		34	
22/21	2.3	2.0																													28	28		26	
20/19	.3	.9																													8	8		11	
18/17	.5	.2																													4	4		7	
16/15	.2																														2	2		2	
14/13	.3	.2																													3	3		3	
12/11	.2																														2	2		2	
10/9	.2																														1	1		1	
8/7		.2																													1	1		1	
6/5																																		1	3
2/1																																			1
TOTAL	16.6	62.8	17.3	3.0	.2	.2																										643	648		643

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4655273	54407	84.6	8.971	643	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	779104	21976	33.9	7.230	648		36.6					93
Wet Bulb	699246	20766	32.3	6.674	643		46.4					93
Dew Point	596442	19052	29.6	7.033	643		59.3					93

USAFETAC FORM NO. 26-5 (CL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

04172 ANSBACH AAF GERMANY/KATTERBACH  
STATION STATION NAME

476672  
YEARS

MAR  
MONTH

PAGE 1 0900-1100  
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	DB, W.B	Dry Bulb	Wet Bulb	Dew Point																
64/63									.2																									1	1			
62/61									.2																									1	1			
60/59								.5	.3																									5	5			
58/57								.6	.2	.2																								6	6			
56/55				.2	.2			.3	.3	.2																								7	7			
54/53				.5	.5			.3	.3	.2																								9	9		1	
52/51			.2	.2	.5			.6	.2																									10	10		6	
50/49			.5	1.4	1.1			.9																										23	23		8	
48/47			.9	1.2	.6			.6																										22	22	14	2	
46/45	.2	1.4	1.2	.8	.3			.3																										22	22	22	7	
44/43		3.0	1.9	1.7																														42	42	37	15	
42/41	.2	2.0	4.4	1.6	.2																													59	59	40	34	
40/39	.5	4.5	5.1	.9																														71	71	47	39	
38/37	.5	5.4	3.1	.8																														63	63	76	35	
36/35	.5	5.6	2.5	.3																														57	57	82	59	
34/33	2.0	6.1	3.3	.2																														74	74	76	72	
32/31	.3	4.0	2.3																															43	43	55	102	
30/29	1.4	5.0	.6																															45	45	64	57	
28/27	.6	3.1	.9																															30	30	49	50	
26/25	1.1	2.2																																21	21	30	47	
24/23	.6	1.2																																12	12	12	61	
22/21	.5	.8																																8	9	12	28	
20/19		.6																																4	4	3	12	
18/17	.3	.2																																3	4	5	7	
16/15																																					1	11
14/13																																					1	2
10/9																																					1	1
TOTAL	8.6	47.6	28.2	9.9	4.5	1.7	.3																												643	643	643	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4041546	50278	78.2	12.133	643	$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	93
Dry Bulb	952373	24203	37.5	8.078	643		24.2					93
Wet Bulb	812325	22441	34.9	6.735	643		33.4					93
Dew Point	651852	20004	31.1	6.781	643		54.8					93

USAFETAC FORM 34 JUL 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

YEARS MAR MONTH

PAGE 1 1200-1400 HOURS - L S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB. W.B. Dry Bulb	Wet Bulb Dew Point																	
70/ 69																		.2														1	1			
68/ 67																		.6	.2													3	3			
66/ 65																	.2	.2	.3													4	4			
64/ 63			.2																.3	.2												4	4			
62/ 61																		.3	.2	.2												5	5	1		
60/ 59				.2	.5	.3											.5	1.1	.2													18	18	1		
58/ 57					.3	.2											.3	.6														8	6	7		
56/ 55	.3				.5	.6											.2	.2														14	14	6	3	
54/ 53		.2			.8	.8											.8	.8														16	16	6	2	
52/ 51		.2	.9	1.6	1.4	.5																										29	29	8	2	
50/ 49		.6	.9	1.9	1.4	.2																										32	32	16	6	
48/ 47		1.1	.5	.9	2.2	.5																										33	33	29	6	
46/ 45		2.0	2.0	2.8	.9	.2																										51	51	35	11	
44/ 43	.3	2.7	3.0	2.0	.8	.2																										57	57	43	27	
42/ 41	.2	2.7	3.6	3.0	.8																											65	65	58	24	
40/ 39	.3	2.3	2.6	1.4	.2																											51	51	77	37	
38/ 37	.2	3.6	2.3	.3																												44	44	65	55	
36/ 35	.6	5.7	1.4	.8																												56	56	66	54	
34/ 33	.3	6.4	2.3																													58	58	77	81	
32/ 31	.3	3.9	1.2																													33	33	57	103	
30/ 29	.2	3.3	.5																													23	25	40	70	
28/ 27	1.1	1.4	.2																													19	19	28	40	
26/ 25	.5	.2																														4	3	12	56	
24/ 23		.6																														4	4	4	35	
22/ 21		.2																														1	1	4	11	
20/ 19			.2																													1	1	1	3	
18/ 17		.2																														1	1	1	6	
16/ 15																																		1	1	2
14/ 13																																			2	2
12/ 9																																			2	2
TOTAL	4.2	37.4	23.2	17.5	9.7	3.3	3.6	.9	.2																							641	642	641		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3492429	46337	72.2	15.162	641							
Dry Bulb	1170084	26796	41.7	8.978	642		13.2	.9				93
Wet Bulb	948918	24249	37.8	7.024	641		21.3					93
Dew Point	721544	21036	32.8	6.982	641		48.2					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

47,66m72

YEARS

MAR  
MONTH

PAGE 1 1500-1700  
HOURS T.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
70/69							.5	.3	.3									7	7																
68/67								.6										4	4																
66/65			.2		.2		.2	.3	.2									6	6																
64/63				.2	.2		.2	.2	.2									6	6																
62/61					.2	.3	.8											8	8	1															
60/59	.2				.2	1.6											13	13			1														
58/57					.3	.2	.5										6	6	6	1															
56/55				.2	1.4	.6											15	15	4																
54/53	.2	.3	.8	.5	1.0	.6	.2										23	23	9	2															
52/51			1.0	1.1	1.6												24	24	9	3															
50/49		.8	.6	1.8	1.8	.2	.3										34	34	20	3															
48/47		.5	1.8	1.3	1.8	.2	.2										35	36	38	6															
46/45	.3	1.0	2.9	2.9	1.6	.3											56	56	26	14															
44/43	.2	2.7	3.2	3.1	1.4	.2											67	67	54	17															
42/41	.3	2.3	4.0	2.3	1.4												64	64	53	39															
40/39	.2	1.9	2.4	1.1	.3												37	37	74	36															
38/37	.2	3.7	3.9	1.4													57	57	68	52															
36/35			6.4	1.6	.3												52	52	58	63															
34/33	.3	3.1	2.6	.2													38	38	82	71															
32/31	1.0	2.6	1.3														30	30	49	105															
30/29		2.3	.5														17	17	31	52															
28/27	.6	.5															7	8	22	33															
26/25	.8	.5															8	8	9	48															
24/23	.2	.6															5	5	3	50															
22/21																			3	12															
20/19		.2																1	1	1	7														
18/17	.2																	1	1	1	2														
16/15		.2																1	1	1	4														
12/11																				1	1														
TOTAL	4.329	626	716	213	5	2.3	5.3	1.4	.6									622	624		622														

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	3223581	43635	70.216	175	622							
Dry Bulb	1194677	26689	42.8	9.238	624		10.6	1.6				93
Wet Bulb	947506	23884	38.4	6.996	622		17.9					93
Dew Point	703333	20479	32.9	6.842	622		46.9					93

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KAITERBACH 47.66=72

YEARS

YEAR  
MONTH

PAGE 1 1900=2000  
HOURS L. S. T

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	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																		
70/69							.4				.4																				2	2								
68/67											.4																					2	2							
64/63											.4																					1	1							
60/59							.4				.4																					5	5	1						
58/57					.4						1.1																					4	4							
56/55						.7					.7																						5	5	1					
54/53				.4	.4	.7	.4																										5	5	3					
52/51				.7	1.4	.7	.4																											9	9	3				
50/49			.4	1.8	1.4	.4																												11	11	2	2			
48/47	1.8	1.4	1.8	2.5	.4	.7																													24	24	20	5		
46/45		2.2	.7	2.2	.7	.4																													17	17	16	6		
44/43	.4	4.3	1.1	3.2	1.1																														28	28	22	9		
42/41	1.4	4.3	5.8	.7	1.4																														38	38	26	23		
40/39	.4	2.9	3.2	.7	.7																														22	22	25	23		
38/37	.4	2.2	3.2	1.1																															19	20	41	21		
36/35	.4	3.6	2.9	.4																															20	20	16	25		
34/33	.4	4.3	2.5																																20	20	35	21		
32/31	1.1	4.7	1.1																																19	19	27	47		
30/29		4.0	.4																																12	12	14	28		
28/27		1.4	.4																																5	5	12	12		
26/25	.7	.7	.4																																5	5	6	29		
24/23	1.1	.4																																	4	4	6	15		
22/21	.4																																		1	1	2	7		
20/19																																						1	1	
18/17																																						1	1	
16/15																																							1	1
TOTAL	8,336	726	314	4	7.2	2.9	3.2	.4	.7																										278	279	278	278		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 83 F$	
Rel. Hum.	1631801	20847	75.0	15.726	278							93
Dry Bulb	492282	1472	41.1	8.603	279		15.3	1.3				93
Wet Bulb	406877	10465	37.6	6.892	278		22.4					93
Dew Point	318280	9210	33.1	6.892	278		47.8					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

30172 ANSBACH AAF GERMANY/KATTERBACH 47

YEARS

MAR  
MONTH

PAGE 1 2100-2300  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point														
48/47	3.2		4.3	1.1														8	3	3	3														
46/45		4.3	4.3															8	8	1	1														
44/43	1.1	10.8																11	11	12	1														
42/41	3.2	8.6																11	11	18	15														
40/39	5.4	6.5	3.2															14	14	12	21														
38/37		3.2	1.1															4	4	4	8														
36/35		4.3																4	4	8	3														
34/33																				2	4														
32/31	3.2	2.2																5	5	3	7														
30/29	4.3	6.5																10	10	8	3														
28/27	1.1	2.2																3	3	6	6														
26/25		5.4	1.1															6	6	2	4														
24/23	2.2	1.1																3	3	7	2														
22/21	2.2	1.1																3	3	3	8														
20/19		1.1																1	1	2	2														
18/17	2.2																	2	2	2	1														
16/15																					4														
14/13																					1														
TOTAL	28.0	57.0	14.0	1.1														93	93	93	93														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	727536	8190	86.1	8.267	93							93
Dry Bulb	131223	3409	36.7	8.251	93		33.0					93
Wet Bulb	122391	3293	35.4	7.933	93		33.0					93
Dew Point	110313	3103	33.4	8.584	93		38.0					93

USAFETAC FORM NO. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

34172 ANSBACH AAF GERMANY/KATTERBACH 47  
STATION STATION NAME YEARS

APR  
MONTH

PAGE 1 0000-0200  
HOURS - LT. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
58/ 57			1.1																1	1					
56/ 55			2.2																2	2					
54/ 53	1.1																		1	1	2	1			
52/ 51	2.2		1.1		2.2														5	5	4	2			
50/ 49		11.1	2.2	2.2															14	14	2	3			
48/ 47	1.1	10.0	1.1	1.1															12	12	12	8			
46/ 45		2.2	3.3	1.1															6	6	10	11			
44/ 43		7.8	3.3																10	10	8	3			
42/ 41	2.2	7.8	2.2																11	11	12	8			
40/ 39	5.6	5.6	3.3																13	13	16	13			
38/ 37	1.1	3.3																	4	4	10	14			
36/ 35	3.3	1.1																	4	4	7	12			
34/ 33	1.1	3.3																	4	4	2	9			
32/ 31	1.1	2.2																	3	3	3	3			
30/ 29																					2	3			
TOTAL	18.9	54.4	20.0	4.4	2.2															90	90	90			

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	693312	7838	87.1	10.969	90							90
Dry Bulb	175902	3944	43.8	5.870	90		3.0					90
Wet Bulb	161186	3778	42.0	5.399	90		5.0					90
Dew Point	166996	3602	40.0	5.645	90		6.0					90

USAFETAC FORM 0-20-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 47

APR  
 MONTH

PAGE 1 0300-0300  
 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point															
50/50			1.1															1	1																		
54/53	1.1	1.1	2.2	1.1														5	5		1	1															
52/51	1.1		1.1															2	2		4	2															
50/49	1.1	4.4	1.1	1.1														7	7		3	3															
48/47		1.1	2.2	2.2														5	5		7	5															
46/45		11.1	4.4															14	14		2	1															
44/43	3.3	6.7	1.1															10	10		17	15															
42/41	2.2	6.7																8	8		13	5															
40/39	5.6	1.1	1.1															7	7		10	17															
38/37	3.3	8.9																11	11		6	10															
36/35	1.1	4.4																5	5		11	8															
34/33	5.6	3.3																8	8		6	11															
32/31	1.1	4.4																5	5		6	3															
30/29	2.2																	2	2		4	6															
28/27																						2															
26/24																						1															
<b>TOTAL</b>	<b>27,853</b>	<b>3,144</b>	<b>4,4</b>																<b>90</b>		<b>90</b>		<b>90</b>														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	727639	8047	89.4	9.568	90							
Dry Bulb	162021	3777	42.0	6.283	90		7.0					90
Wet Bulb	150779	3647	40.5	5.800	90		10.0					90
Dew Point	139338	3502	38.9	5.874	90		12.0					90

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-70.72

YEARS

APR  
MONTH

PAGE 1 0600-0800  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/65						.2												1	1																
62/61				.2	.2													2	2																
60/59			.2	.2	.4													4	4																
58/57			.5	.2														4	4																
56/55			.4	.4	.4													6	6		4														
54/53		.4	.5	.5	.2													9	9		8														
52/51	.2	.9	1.1	.7														16	16	9	4														
50/49		3.3	3.7	1.8	.4													32	32	13	12														
48/47	.4	3.7	3.2	1.1														47	47	46	22														
46/45	.2	6.7	2.5	.7														37	37	39	28														
44/43	.4	5.6	2.8	.2	.2													52	52	72	39														
42/41	.4	5.1	4.0	.4	.2													37	37	50	37														
40/39	2.1	6.1	3.2															63	66	69	73														
38/37	.4	3.9	1.4	.2														33	33	37	47														
36/35	.5	2.8	2.1															31	31	46	57														
34/33	.9	6.1	1.2															47	47	35	50														
32/31	.7	6.2	.9															45	45	50	48														
30/29	.5	3.0	.4															22	22	39	38														
28/27	.4	1.8																12	12	18	30														
26/25	.4	.5																5	5	13	31														
24/23	.4																	2	2	3	16														
22/21																					16														
20/19																					1														
18/17																					2														
TOTAL	7.556	0.27	6.2	1.8	.5													571	572	571	571														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum.	3921380	46964	82.2	10.144	571							90
Dry Bulb	1001504	23554	41.2	7.438	572		13.5					90
Wet Bulb	888624	22196	38.9	6.730	571		19.4					90
Dew Point	768682	20552	36.0	7.127	571		28.7					90

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-79.72

YEARS APR

PAGE 1 0900-1100  
 HOURS 11.5

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
78/77																			.2															1	1			
76/75																			.2																1	1		
72/71																		.4	.5																5	5		
68/67																	.4	.9																	7	7		
66/65																	.7	.2																	5	5		
64/63						.2	.5				.7	.2																							9	9		1
62/61					.2	.4				.9		.2																							9	9		1
60/59			.2	1.2	1.1	.9	.4																											21	21		4	
58/57			.2	.4	.9	.5	.4																											13	13		8	
56/55		.2	.9	1.4	1.6																													23	23		12	
54/53		.4	1.6	1.9	2.1	.7	.2																											39	39		19	
52/51		1.2	1.6	1.8	.9	.7	.2																											35	35		19	
50/49		2.6	3.1	3.0	1.8	.2																												72	72		41	
48/47		2.8	4.0	1.9	.7	.2																												55	55		54	
46/45	.2	2.6	2.9	1.4	.2																													39	39		76	
44/43		1.9	2.5	.7	.2																													30	30		69	
42/41	.4	3.9	3.5	1.4	.4																													54	54		40	
40/39	.2	2.8	3.3	.4	.2																													39	39		49	
38/37	.2	3.9	1.9	.5																														37	37		44	
36/35		3.0	2.1																															29	29		41	
34/33	.4	2.8	1.2																															25	25		37	
32/31	.4	2.1	.2																															15	15		35	
30/29		.5																																3	3		14	
28/27	.4																																	2	2		4	
26/25		.2																																1	1		1	
24/23																																						
22/21																																						
20/19																																						
TOTAL	1,930	930	816	310	75	8	2,3	1,2																											369	369		369

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

Element (X)	ΣX <sup>2</sup>	ΣX	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	
Rel. Hum.	3116512	41408	72.8	13.474	569						
Dry Bulb	1282648	26540	46.6	8.875	569		3.3	2.2	.3		90
Wet Bulb	1052654	24146	42.4	7.025	569		8.5				90
Dew Point	842124	21530	37.8	6.954	569	24.4					90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTEBACH 47.96-70.72

YEARS

APR  
 MONTH

PAGE 1 1200-1400  
 HOURS 5.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. WB.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85																													1	1					
84/ 83																													1	1					
82/ 81																													2	2					
80/ 79																													1	1					
78/ 77																													3	3					
76/ 75																													3	3					
74/ 73																													6	6					
72/ 71																													6	6					
70/ 69																													6	6					
68/ 67																													13	13	1				
66/ 65																													14	14	1				
64/ 63																													19	19	4				
62/ 61																													18	16	4				
60/ 59																													30	30	12				
58/ 57																													24	24	10				
56/ 55																													43	43	19	2			
54/ 53																													55	55	25	4			
52/ 51																													26	26	26	12			
50/ 49																													71	71	73	28			
48/ 47																													24	24	79	40			
46/ 45																													27	27	69	53			
44/ 43																													28	28	42	50			
42/ 41																													43	43	36	54			
40/ 39																													41	41	40	53			
38/ 37																													21	21	42	62			
36/ 35																													24	24	41	52			
34/ 33																													2	2	32	37			
32/ 31																													8	8	11	58			
30/ 29																													2	2	5	23			
28/ 27																																	17		
26/ 25																																	13		
24/ 23																																	8		
22/ 21																																	3		
20/ 19																																	3		
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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





DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-70,72

APR  
 YEARS

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P.																			
82/ 81																																				1	1				
80/ 79																																				1	1				
76/ 75																																				2	2				
72/ 71																																				3	3				
70/ 69																																				4	4				
68/ 67																																				9	9				
66/ 65																																				9	9				
64/ 63																																				11	11	1			
62/ 61																																				9	9	2			
60/ 59																																				13	13	7			
58/ 57																																				12	12	6			
56/ 55																																				24	24	8	2		
54/ 53																																				31	31	19	4		
52/ 51																																				32	32	22	6		
50/ 49																																				25	25	37	27		
48/ 47																																				19	19	39	16		
46/ 45																																				22	12	40	31		
44/ 43																																				13	13	18	30		
42/ 41																																				16	16	17	22		
40/ 39																																				15	15	12	23		
38/ 37																																				12	12	20	26		
36/ 35																																				5	5	22	19		
34/ 33																																					5	5	6	19	
32/ 31																																				2	2	3	26		
30/ 29																																							1	12	
28/ 27																																							3		
26/ 25																																							7		
24/ 23																																							2		
22/ 21																																							1		
20/ 19																																							2		
<b>TOTAL</b>																																						<b>280</b>	<b>280</b>	<b>280</b>	<b>280</b>

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\Sigma X$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1275045	18319	65.4	16,361	280	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	781340	14570	52.0	9,115	280		6	6,6	1,3	3		90
Wet Bulb	603308	12862	45.9	6,688	280		1,3					90
Dew Point	459040	11150	39.8	7,340	280		17,7					90

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47

YEARS

MAY

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. WB	Dry Bulb	Wet Bulb	Dew Pt.					
60/ 59																																				3	3				
56/ 57					2.2	2.2	2.2	2.2	2.2																											4	5				
56/ 55			2.2			4.4	2.2																													4	5				
54/ 53					2.2	4.4																														3		3			
52/ 51			2.2	1.1																																6	7		1		
50/ 49			2.2	1.1	2.2																															7	7	8	2		
48/ 47			2.2	0.7																																4	4	11	3		
48/ 45			4.4		2.2																															3	3	9	1		
44/ 43	4.4	1.1																																	7	7	6	13			
42/ 41	2.2	2.2																																	2	2	5	17			
40/ 39		2.2	2.2																																2	2	1	5			
38/ 37																																						2			
34/ 33																																								3	
TOTAL	6.7	28.9	37.8	12.3	4.4	0.9																															45	54	45	45	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 72 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum.	274119	3463	77.0	3.162	45							
Dry Bulb	139716	2732	50.6	5.315	54							93
Wet Bulb	96663	2079	46.2	3.733	45							93
Dew Point	81731	1911	42.5	3.622	45							93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47

YEARS

MAY

PAGE 1 0300-0500  
NO. OF HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. Dry Bulb	W.B. Wet Bulb	Dew Point															
58/ 57		1.2																1	1																
56/ 55	1.2	2.5	1.2	1.2	2.5													7	9	2	1														
54/ 53	1.2	3.7		3.7														7	11	5	4														
52/ 51	1.2	3.7	1.2	4.9														9	14	3	4														
50/ 49	2.5	4.9	3.7															9	13	8	3														
48/ 47	2.5	3.7	2.5															7	7	14	5														
46/ 45		17.3	1.2															15	17	9	6														
44/ 43	2.5	12.3	1.2															13	13	18	16														
42/ 41		2.5																2	2	11	26														
40/ 39	2.5	6.2	1.2															3	5	4	6														
38/ 37	1.2																	1	1	5	4														
36/ 35																					2														
34/ 33		2.5																2	2	1	2														
32/ 31																				1	2														
TOTAL	14,660	512	3	9.9	2.5													81	98		81														

USAFETAC FORM 0-26.5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$S_x$	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	823767	7059	87.1	10.361	81							93
Dry Bulb	227639	4695	47.9	5.286	98							93
Wet Bulb	267699	3659	45.2	4.759	81		1.1					93
Dew Point	159357	3505	43.3	4.861	81		2.3					93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-70,72

MAY

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	W.B	Dry Bulb	Wet Bulb	Dew P.			
68/ 67																																			1	1				
66/ 65																																			1	1				
64/ 63																																			3	3				
62/ 61																																			9	11				
60/ 59																																			20	21				
58/ 57																																			31	37	7	1		
56/ 55																																			56	60	18	4		
54/ 53																																			53	55	45	19		
52/ 51																																			48	52	49	17		
50/ 49																																			92	93	64	53		
48/ 47																																			79	80	92	71		
46/ 45																																			75	75	93	64		
44/ 43																																			50	51	82	84		
42/ 41																																			33	33	90	107		
40/ 39																																			17	17	45	64		
38/ 37																																			8	8	17	32		
36/ 35																																			5	5	7	28		
34/ 33																																			5	5	10	20		
32/ 31																																			1	1	2	18		
30/ 29																																						1	1	
28/ 27																																						2	2	
26/ 25																																						1	1	
24/ 23																																						1	1	
TOTAL	4,937	8,834	4,126	6,637																																	587	609	387	587

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$S_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum.	3818624	46916	79.910840	587								
Dry Bulb	1508033	30087	49.4	5.963	609			.2	.2			93
Wet Bulb	1261297	27047	46.1	5.070	587			.5				93
Dew Point	1104100	25260	43.0	5.462	587			3.6				93

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KAITERBACH 45-47.66-172

YEARS

MAY  
MONTH

PAGE 1 0900-1100  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/77																																			1	1		
76/75													.2	.2																				2	2			
74/73															.2																			1	1			
72/71													.2	.3	.8																			8	9			
70/69												.5	1.9	.7																				18	20			
68/67					.2				.5	1.5	1.4	.3																						23	25			
66/65				.2	.5	.5	3.4	.3	.3																									31	34			
64/63				.3	1.0	1.9	1.4	.7																										31	32	3		
62/61				1.0	.8	1.5	1.0	1.7	.3																									38	43	8	1	
60/59			.8	1.0	2.2	2.9	2.0	.2																										54	58	19	3	
58/57			.8	1.5	1.9	3.2	1.7	.3																										56	59	49	9	
56/55	.2	1.7	2.7	2.7	2.9	.7		.2																										65	67	57	18	
54/53	.2	1.4	1.7	3.9	1.7	.2																												53	53	52	19	
52/51	.5	1.4	2.5	2.0	.5	.3																												43	43	71	36	
50/49	1.0	1.2	3.5	2.9	.7																													55	55	83	82	
48/47		3.0	2.4	1.4	.2																													41	41	81	64	
46/45		2.7	2.2	.5	.2																													33	33	67	63	
44/43	.2	1.2	1.9	.2																														20	20	46	66	
42/41		1.0	1.0																															12	12	30	88	
40/39		.5	.2																															4	4	14	52	
38/37		.2																																1	1	8	56	
36/35		.3																																2	2	2	14	
34/33																																					2	9
32/31																																						9
30/29																																						1
28/27																																						2
TOTAL	2.0	16.2	22.3	19.9	16.6	12.8	6.9	3.0	.2																									592	615	592	93	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2888235	40445	68.2	14.547	592							
Dry Bulb	1982341	34339	58.8	7.602	615			8.8	.6			93
Wet Bulb	1484533	29461	49.8	5.580	592							93
Dew Point	1201331	26441	44.7	5.871	592		1.9					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47-56-70-72

YEARS

MAY

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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																							
84/83																	.3																2	2										
82/81																	.5																	3	3									
78/77																		.3																2	2									
76/75																	.2	1.2	.5	.8	.2													17	18									
74/73																.2	.6	1.4	1.7	.5															27	32								
72/71																.2	.2	1.7	2.0	1.4																22	33							
70/69																.2	.7	1.0	1.5	.8	.7															29	33							
68/67																.2	.3	.5	1.5	2.0	1.5	.2	.2														28	42						
66/65																.3	.5	.7	1.9	1.2	1.0	.3																33	34	5	1			
64/63																.3	.3	.7	1.0	1.5	1.4	1.0	.2															38	38	7				
62/61																.7	.3	1.0	1.7	2.0	2.0	.3																48	50	25	2			
60/59																.2	.8	2.5	2.7	1.7	.7	.2																54	54	48	5			
58/57																.2	1.7	2.2	2.7	1.9	.7	.2																55	58	62	11			
56/55																.2	.5	1.0	1.2	2.7	.3	.5																40	42	53	17			
54/53																.2	.5	1.5	1.7	2.0	.3																	37	37	74	31			
52/51																.7	1.4	1.7	1.5	1.0	.2																	39	38	65	41			
50/49																.2	1.0	2.5	2.0	.3	.2																	36	36	73	83			
48/47																.8	1.9	.3	.3	.3																		22	22	60	61			
46/45																.3	2.5	.7	.2																			22	22	55	72			
44/43																.2	.7	1.0																				11	11	36	52			
42/41																.2	.8																					6	6	15	84			
40/39																	.3																					2	2	8	52			
38/37																																							5	5	33			
36/35																																								1	1	21		
34/33																																									11			
32/31																																									9			
30/29																																									3			
28/27																																									3			
TOTAL																	1.9	8.8	15.0	14.9	16.8	13.2	12.7	9.6	5.2	2.4	.2														592	616	592	592

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	2346974	35968	60.8	16.540	592							
Dry Bulb	2269678	36998	60.1	8.812	616			24.9	8.6	.8		93
Wet Bulb	1610350	30682	51.3	5.842	592							93
Dew Point	1229839	26731	45.2	6.216	592		2.4					93



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47.66N 70.72

YEARS

MAY

PAGE 1 1800-2000  
NO. 45 5

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	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																	
86/ 85																	.4																1	1		
84/ 82																			.4														1	1		
78/ 77										.4									.4														2	2		
76/ 75																																	4	4		
74/ 73										.4	1.6	1.8	1.8						.4													17	19			
72/ 71									.4	1.1	1.8	1.8							.4													15	17			
70/ 69					.4	.4	.7	.4	.4	.7																						8	8			
68/ 67					.4	.7	1.5	2.2	2.2	2.2	1.5																					23	27			
66/ 65					.7	.4	.7	3.3	.7	2.2																						22	23	2		
64/ 63					.4	.7	2.6	2.2	1.1										.7													21	22	3		
62/ 61					.7	1.5	1.8	1.1	.4	.4																						14	16	9	1	
60/ 59					.4		1.8	1.8	1.8	1.5																						20	20	15	2	
58/ 57		.4	1.1	.7	3.3	3.3	.7	.7																								28	33	35	5	
56/ 55		.4	1.5	.4	2.6	1.1																										16	16	36	10	
54/ 53		.7	1.8	1.8	2.6	.4																										20	20	32	10	
52/ 51		1.1	1.8	1.8	.4																											14	14	28	17	
50/ 49		1.5	2.4	.7	.7	.4																										17	17	30	41	
48/ 47		1.1	2.2	.4																												10	10	30	26	
46/ 45		3.3	.7	.4																												12	12	23	27	
44/ 43		1.1	.7																													5	5	20	32	
42/ 41		.4	.4																													2	2	5	40	
40/ 39																																		3	32	
38/ 37																																	1	1	13	
36/ 35																																			6	
34/ 33																																			6	
32/ 31																																			3	
30/ 29																																			1	
TOTAL		.4	1.1	0.14	7.14	0.16	9.13	6.8	8.5	9.2	7.7	3.3	.7																					272	272	272

USAFETAC FORM NO. 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Zx'	Zx	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	1066694	16394	60.3	17.030	272							
Dry Bulb	1075071	17447	60.4	8.699	289			25.4	8.7	6		93
Wet Bulb	742311	14131	52.0	5.559	272							60
Dew Point	562845	12271	45.1	5.843	272			1.4				93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47

YAY MONTH YEARS

PAGE 1 2100-2300 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/65						2.3	4.5	2.3										4	4																
64/63							2.3											1	1																
62/61						2.3	6.8											4	4																
60/59				2.2		2.3	2.2											2	4																
58/57				4.5		6.8												5	5																
56/55		4.5	2.3	4.5														5	7		3														
54/53			2.3	9.1		2.3												6	7		5														
52/51			9.1	2.2														5	5		10														
50/49			4.5	2.3														3	3		8														
48/47																					6														
46/45		6.8	2.3															4	4		4														
44/43		4.5	4.5															4	4		12														
42/41																					3														
40/39																					4														
38/37																					1														
36/35																					3														
TOTAL		15.925	0.25	0.11	4.13	6	6.8	2.3										44	48		44														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum	215038	3014	68.5	14.125	44							
Dry Bulb	145123	2623	54.6	6.166	48							93
Wet Bulb	105881	2151	48.9	4.110	44							93
Dew Point	84949	1925	43.8	4.121	44							93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71-72

YEARS

JUN

PAGE 1 C300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
66/65																																					1	
64/63																																					1	
62/61																																				1		
60/59			2.1			1.0																													4	5		
58/57	1.0	3.1	4.2																															8	13	6	2	
56/55	1.0	6.3	1.0																															8	11	7	5	
54/53	1.0	1.0	4		2.1	1.0																												14	20	7	6	
52/51			4.2	4.2																														8	12	13	15	
50/49	13.5	6.3	2.1	1.0	1.0																													23	29	15	16	
48/47	5.2	4.2	3.1																															12	18	19	10	
46/45	4.2	6.3	1.0																															11	12	11	13	
44/43	2.1	4.2																																6	7	12	15	
42/41	2.1																																	2	2	6	7	
40/39																																					3	
38/35																																					1	
36/33																																					1	
<b>TOTAL</b>	<b>30.2</b>	<b>47.9</b>	<b>15.0</b>	<b>9.1</b>	<b>3.1</b>																														<b>96</b>	<b>132</b>		<b>96</b>

Element (X)	ΣX'	ΣX	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																																	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																												
Rel. Hum.	775685	8573	89.2	10.310	96																																		
Dry Bulb	350508	6772	51.2	4.852	132																																		90
Wet Bulb	232433	4705	49.0	4.400	96																																	90	
Dew Point	218671	4559	47.5	4.775	96																																	90	

USAFETAC FORM NO. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4626672

YEARS

JUN

PAGE 1 0600-0900

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet bulb	Draw Point																
74/ 73										.2																						1	1				
72/ 71										.2																						1	1				
70/ 69					.5	.3	.7	.7																								13	13				
68/ 67				.3	1.2	1.4	.5	.3																								22	22				
66/ 65				1.4	2.4	.5	.9	.5																								33	35	1			
64/ 63			.5	2.1	1.5	1.0	.5	.2																								34	36	5	1		
62/ 61			1.2	1.5	1.5	1.0	.7																									35	37	26	4		
60/ 59	.2	2.9	3.3	4.4	1.2																											67	72	48	18		
58/ 57	.2	2.1	3.3	2.2	1.5																											54	57	49	34		
56/ 55		3.8	3.6	2.2	.3																											58	61	64	39		
54/ 53		3.6	3.8	2.5	.5																											61	65	71	56		
52/ 51	.7	4.8	2.9	.9																												54	63	76	59		
50/ 49	2.2	3.4	4.5	.5																												62	65	77	110		
48/ 47	1.5	2.8	1.5																													40	41	66	68		
46/ 45	.5	2.9	.9	.3																												27	27	48	73		
44/ 43	.3	1.0	.5																													11	11	28	49		
42/ 41	.3	.7	.2																													7	7	14	32		
40/ 39	.2																															1	1	6	26		
38/ 37																																			1	6	
36/ 35																																				2	2
34/ 33																																				2	2
TOTAL	6,230	829	820	67.9	3.6	1.7																											561	615	581	581	

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	3698556	45844	78.9	11.834	581							
Dry Bulb	1936445	34273	59.7	6.565	615			5.4				90
Wet Bulb	1586558	30200	52.0	5.385	581							90
Dew Point	1411612	28461	49.0	5.480	581							90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY, KATTERRACH 46,5672

YEARS

PAGE 1 8900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11	12-13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB, WB, Dry Bulb	Wet Bulb	Dew Po	
82/ 81																											1	1		
80/ 72																											2	2		
78/ 77																											7	3		
76/ 72																											16	17		
74/ 73																											24	24		
72/ 71																											37	39		
70/ 69																											46	49		
68/ 67																											55	57		
66/ 65																											48	50	16	
64/ 63																											45	49	27	
62/ 61																											32	34	66	13
60/ 59																											32	60	65	36
58/ 57																											52	53	55	39
56/ 55																											50	55	75	53
54/ 53																											38	39	77	52
52/ 51																											27	28	69	74
50/ 49																											30	30	47	112
48/ 47																											19	23	32	67
46/ 45																											6	6	34	54
44/ 43																											1	1	10	35
42/ 41																											2	2	6	35
40/ 39																														13
38/ 37																														3
36/ 35																														2
34/ 33																														1
TOTAL	1.511	7.119	5.119	4.119	3.917	3.8	3.8	2.9	1.0	.2																	591	624	591	591

REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26 5 (OL A) JUL 64

Element (X)	Σx'	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2816760	40004	67.713	589	591	≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	
Dry Bulb	2409689	38462	61.6	7,897	624			28.4	7.5	.3		90
Wet Bulb	1811657	32553	55.1	5,614	591			.3				90
Dew Point	1309806	29593	50.2	5,473	591							90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 STATION OSBACH AAF GERMANY/KATTERBACH 46266-72

YEARS

JUN

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	DB	WB	Dry Bulb	Wet Bulb	Dep.	P.			
86/ 85																																					1	1			
84/ 83																																					3	3			
82/ 81																																					8	10			
80/ 79																																					10	11			
78/ 77																																					36	36			
76/ 75																																					37	39			
74/ 73																																					46	50			
72/ 71																																					41	42			
70/ 69																																					39	42		1	
68/ 67																																					47	50		12	
66/ 65																																					29	32		23	
64/ 63																																					45	46		57	
62/ 61																																					45	49		68	
60/ 59																																					44	45		64	
58/ 57																																					34	40		83	
56/ 55																																					35	35		62	
54/ 53																																					25	25		68	
52/ 51																																					24	24		43	
50/ 49																																					18	18		41	
48/ 47																																					9	9		27	
46/ 45																																				3	3		18		
44/ 43																																							6		
42/ 41																																									
40/ 39																																									
38/ 37																																									
36/ 35																																									
TOTAL	1.2	9.7	11.4	14.9	13.8	17.6	14.0	9.0	5.0	3.1	.3																											579	610		579

Element (X)	Σ x <sup>2</sup>	Σ x	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2273662	35986	62.2	15.267	579							90
Dry Bulb	2634032	39732	65.1	8.701	610			41.9	22.1	2.5		90
Wet Bulb	1883351	22865	56.8	5.562	579			2.0				90
Dew Point	151475	29451	50.9	5.378	579							90

USAF ETAC FORM NO. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

JUN 66  
 PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB. WB	TOTAL Dry Bulb	TOTAL Wet Point	TOTAL Dew P.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31									
88/ 87																																2	2		
86/ 85																																4	4		
84/ 83																																4	6		
82/ 81																																17	18		
80/ 79																																20	20		
78/ 77																																42	43		
76/ 75																																28	30		
74/ 73																																40	43		
72/ 71																																47	51		
70/ 69																																44	46		2
68/ 67																																29	31		8
66/ 65																																30	30		25
64/ 63																																29	30		66
62/ 61																																50	53		84
60/ 59																																54	61		71
58/ 57																																31	31		71
56/ 55																																20	20		54
54/ 53																																26	27		59
52/ 51																																15	16		38
50/ 49																																17	17		36
48/ 47																																11	11		30
46/ 45																																6	6		14
44/ 43																																			8
42/ 41																																1	1		32
40/ 39																																			1
38/ 37																																			3
36/ 35																																			2
TOTAL	1.8	9.5	11.6	13.1	14.5	11.6	13.1	9.2	8.8	4.6	1.8	.5																			567	597	567	567	

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature				Total		
Ref. Hum.	2249709	34379	60.6	7.084	567	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	2647947	39367	69.6	9.344	597			44.3	25.0	5.9		90
Wet Bulb	1859108	28310	50.0	5.632	567			1.6				90
Dew Point	1472388	28736	50.7	5.321	567							90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-7-272

JUN

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
86/ 85																															2	2			
82/ 81													.4	.6	.2	.5															9	9			
80/ 79													.4	.4	.4																3	4			
78/ 77															.8	.2	.1	.1	.2												10	11			
76/ 75					.4								1.6	3.3	1.2																16	17			
74/ 73						.8							1.6	2.1	1.2																14	16			
72/ 71				.4		1.2	1.2	2.1	1.2	.4																					16	19			
70/ 69				.8		1.2	.4	4.1	.4	.4																					18	20	1		
68/ 67				.8	2.1	1.2	2.5	.8																							18	18	4		
66/ 65				.4	1.2	2.1		1.2																							12	12	10	2	
64/ 63					2.5	2.5	.8	.8																							16	16	24	4	
62/ 61		.4	.8	.4	.6	2.1	.4																								12	13	29	2	
60/ 59	.4	2.1	.8	3.7	2.1	.4																									23	28	28	12	
58/ 57	.4	1.6	1.6	.8	1.6	.4																									16	19	34	15	
56/ 55		2.1	2.5	.8	.4																										14	16	19	22	
54/ 53	.8	.8	2.1	.4																											10	10	28	26	
52/ 51	1.6	2.5	1.2	.6																											15	15	26	42	
50/ 49	.8	1.6	1.2	.4																											10	10	17	49	
48/ 47				1.2																											3	3	11	19	
46/ 45	.8			.4																											2	3	4	21	
44/ 43	.4	.8																													3	3	6	14	
42/ 41																																	2	2	8
40/ 39																																		5	5
38/ 37																																		1	1
36/ 35																																		1	1
TOTAL	5.2	11.9	14.4	13.2	14.4	7.4	13.2	8.6	6.6	4.1	.4	.4																		243	264	243	243		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature				Total		
Ref. Hum.	1106980	15786	65.0	18.249	243	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1115476	16978	64.3	9.475	264			39.5	20.1	4.4		90
Wet Bulb	781564	13710	56.4	5.767	243			1.9				90
Dew Point	637632	12380	50.9	3.345	243							90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERRACH 46  
STATION STATION NAME

YEARS

JUN

PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESS.																															TOTAL		TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point			
70/69																																1	1			
68/67				1.8																												1	1			
66/65							3.5																								2	3				
64/63			1.8	1.8																											2	3		1		
62/61	1.8		1.8																											2	3		4	3		
60/59																																				
58/57				8.8																										5	6		3	2		
56/55	1.8	1.8	1.8	1.8																									4	6		4	7			
54/53	1.8	1.8	3.5																										14	15		4	4			
52/51	3.5	3.5	1.8																										10	12		13	11			
50/49	14.0	1.8																											9	9		17	17			
48/47	1.8		1.8																										2	4		1	3			
46/45			1.8																										1	1		1	2			
44/43	3.5	3.5																											4	4		3	4			
42/41																																				
TOTAL	28	150	91	4.0	0.3	1.0																												57	68	57

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	473312	5172	90.7	8.474	57							90
Dry Bulb	200314	3670	54.0	5.785	68			2.6				90
Wet Bulb	156044	2970	52.1	4.802	57							90
Dew Point	148712	2900	50.9	4.567	57							90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46  
STATION STATION NAME YEARS

JUL  
MONTH

PAGE 1 0000-0200  
TIME

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P.		
68/ 67				2.3																														2	2			
66/ 65			1.1	6.9																														7	7			
64/ 63			10.3	2.3																													11	11	9	1		
62/ 61			6.9	1.1																													7	7	9	9		
60/ 59	1.1	1.1	2.6	4.6																													16	16	12	14		
58/ 57	2.3	1.1	0.2	1.1	2.3																												14	14	13	15		
56/ 55	1.1	1.1	9.2	2.3																													11	11	14	13		
54/ 53	1.1	1.1	6.9	1.1																													8	8	13	8		
52/ 51	1.1	1.1	6.9																														7	7	10	12		
50/ 49	1.1	1.1	3.4																														4	4	6	9		
48/ 47																																					1	6
TOTAL			8.0	67.8	21.8	2.3																												87	87	87	87	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	709853	7841	90.1	6.073	87							93
Dry Bulb	298527	5081	58.4	4.556	87			2.1				93
Wet Bulb	280111	4923	56.6	4.228	87							93
Dew Point	268967	4823	55.4	4.307	87							93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46.71

YEARS JUL

PAGE 1 C300-0500  
HOURLY

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
70/ 69				1.0	.8	.6																												4	4			
68/ 67				.8	.6	.4																												2	2			
66/ 65			2.4	1.0	.8																													6	6			
64/ 63			2.4	1.0	.8																													6	6		3	
62/ 61			11.6	1.0	.8																													18	18		13	
60/ 59			.8	1.0	.8																													16	16		23	
58/ 57			2.4	6.3	1.0	.8																												14	14		15	
56/ 55			2.4	5.5	2.4	.8																												14	14		13	
54/ 53			.8	7.9	.8	1.0																												14	14		15	
52/ 51			3.9	6.3	3.1	1.0																												19	19		19	
50/ 49			3.1	2.4																														7	7		13	
48/ 47			.8	2.4																														4	4		7	
46/ 45			2.4																															3	3		6	
44/ 43																																						
42/ 41																																						
TOTAL			16.8	55.1	13.0	10.2	1.0	1.6																											127	127		127

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	994545	11161	87.9	0.426	127							93
Dry Bulb	416766	7242	57.0	5.492	127			4.4				93
Wet Bulb	385787	6973	54.9	4.823	127							93
Dew Point	363884	6768	53.3	5.046	127							93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46,66=72  
STATION STATION NAME

JUL  
MONTH

PAGE 1 0600-0800  
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21	22	23	24	25-26	27-28	29-30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point																
82/ 81																																			1	1					
80/ 79																																			2	2					
78/ 77																																			2	2					
76/ 75																																				5	5				
74/ 73																																				9	9				
72/ 71																																				17	17				
70/ 69																																				20	20	3	1		
68/ 67																																				37	37	8	4		
66/ 65																																				37	37	16	2		
64/ 63																																				40	49	27	11		
62/ 61																																				72	72	51	23		
60/ 59																																				69	69	75	55		
58/ 57																																				61	61	75	59		
56/ 55																																				67	67	75	61		
54/ 53																																				65	65	79	68		
52/ 51																																				45	45	68	77		
50/ 49																																				32	32	59	86		
48/ 47																																				14	14	50	65		
46/ 45																																				2	2	14	44		
44/ 43																																				1	1	6	31		
42/ 41																																							17		
40/ 39																																						2			
TOTAL																																						606	607	606	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum	3840340	47692	78.7	11.991	606							93
Dry Bulb	211375	36000	59.3	6.586	607			14.2	2.9	.2		93
Wet Bulb	187508	33510	55.3	5.204	606			1.7				93
Dew Point	1680293	31727	52.4	5.638	606			.8				93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.66-72

YEARS

JUL

PAGE 1 0900-1100  
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
88/87																																			2	2				
86/85																																								
84/83										.2	.2	.2	.3																											
82/81										.3	.3	.6	.3																											
80/79							.5	.6		.6	1.0	1.3																												
78/77					.2	.3	.5	1.0	.5	.6	.5	.2																												
76/75					.2	.5	.6	.3	1.1	.2	.2																													
74/73		.2			.2	1.0	.8	2.1	1.6	.2																														
72/71					.2	.3	1.6	2.9	2.2	.5																														
70/69					.2	.8	1.9	1.9	1.8	.5																														
68/67					.3	.3	1.9	2.6	2.4	.6																														
66/65					.2	.6	2.6	2.4	1.9	.3																														
64/63		.2			.8	1.6	2.2	2.4	.8																															
62/61					2.1	1.8	3.0	1.6	1.3																															
60/59		.2			1.6	2.6	2.6	3.0	.3																															
58/57		.3			1.1	1.8	2.7	1.2																																
56/55					.6	1.9	1.3	1.3																																
54/53		.2			1.3	1.9	1.0																																	
52/51		.3			.5	1.8																																		
50/49					.5	.2																																		
48/47					.2																																			
46/45																																								
44/43																																								
42/41																																								
TOTAL	1.1	9.4	15.5	20.1	21.1	14.7	10.2	5.6	1.6	.6																														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature				Total		
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2927920	41956	67.0	13.619	626							
Dry Bulb	2732263	41089	65.5	7.953	627			40.3	19.0	4.9		93
Wet Bulb	2161218	36298	58.5	5.676	626			10.0	.9			93
Dew Point	1829261	33615	53.7	6.223	626			3.2	.3			93

USAFETAC FORM 0-76-5 (OL A) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH  
STATION STATION NAME

46,66-72  
YEARS

JUL  
MONTH

PAGE 1 1200-1400  
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	*31	DB, WB	Dry Bulb	Wet Bulb	Dew Point						
90/ 89																											4	4							
88/ 87																											4	4							
86/ 85						.2	.2	.5	.8	.8	.7	.2														20	20								
84/ 83							.2	.5	1.2	.8	1.5	.5														28	26								
82/ 81						.2	.3	.2	1.0	1.6	.5	.3														26	26								
80/ 79				.2			.5	.5	1.5	1.3	.2															25	25								
78/ 77					.2	.5	1.2	1.7	1.3	1.0																35	35	1							
76/ 75					.3	.3	2.8	1.3	1.2																	36	36	2							
74/ 73				.2	.5	1.8	2.0	2.3																		41	41	7	1						
72/ 71						1.8	2.6	1.8	.5																	41	41	15	4						
70/ 69			.3	2.0	1.8	1.3	2.6	.3																		53	53	20	3						
68/ 67		.3	.5	1.8	1.7	2.5	2.0																			53	54	29	8						
66/ 65		.2	1.0	1.2	3.1	1.8	.5																			50	50	59	9						
64/ 63	.2	.2	1.3	1.0	1.7	1.5	.3																			38	38	76	25						
62/ 61	.2	.8	1.0	2.2	.7	1.2	.2																			37	37	76	25						
60/ 59		1.0	.8	1.2	1.2	1.0																				31	32	82	56						
58/ 57		1.0	.7	2.0	1.3	.3																				32	32	66	66						
56/ 55		.8	2.2	1.5																						27	27	61	87						
54/ 53	.2	.8	1.2																							13	13	33	64						
52/ 51	.2	.5	1.0																							10	10	51	66						
50/ 49																												22	88						
48/ 47																												4	47						
46/ 45																													30						
44/ 43																													18						
42/ 41																													7						
TOTAL	.7	5.6	10.8	13.1	14.6	16.1	15.2	16.8	7.3	4.0	1.5	.3														604	606	604	604						

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	Nc. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	2321021	36367	60.2	14.759	604							93
Dry Bulb	2956349	41981	69.3	8.916	606			56.3	33.6	14.3		93
Wet Bulb	2198365	36271	60.1	5.794	504			11.4	1.5			93
Dew Point	1785689	32649	54.1	5.882	604			2.5	.2			93

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72  
STATION STATION NAME YEARS

JUL  
MONTH

PAGE 1 1500-1700  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL Wet Bulb	TOTAL Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.			Dry Bulb	
92/ 91																																			1	1	
90/ 89																																			8	8	
88/ 87								.2												.2	1.0	.7											12	12			
86/ 85								.2			.5									.2	1.2	1.5											21	21			
84/ 83								.2		.3	.2	1.2	1.9	.8																			27	27			
82/ 81							.2	.2	.5	.8	2.0	1.5	.7	.2																			36	36			
80/ 79									.2	.2	.8	1.4	.5	.2																			19	19	1		
78/ 77						.3	.2	.5	1.4	1.4	2.9	.8	.2																				45	45	1		
76/ 75							.8	1.2	2.2	1.2	1.9																						43	43	2	1	
74/ 73		.2					1.4	1.5	1.0	1.9	.5																						38	38	8	2	
72/ 71		.2	.5	.5	1.2	1.2	1.5	1.7	.2																								41	41	8	4	
70/ 69		.2	.3	1.0	2.4	2.0	1.5	.5																									47	47	23	3	
68/ 67			.5	.8	1.5	1.7	2.7	.3																									45	45	42	9	
66/ 65			.8	.5	1.0	1.4	1.0																										28	28	75	7	
64/ 63			.5	2.0	1.2	.5	.8	.7																									34	34	70	12	
62/ 61			.3	1.2	.5	1.5	.8	.3																									30	30	60	29	
60/ 59	.2	.8	1.7	2.5	2.2	.7																											48	48	84	68	
58/ 57	.7	2.0	2.0	1.2																													35	35	50	62	
56/ 55	.2	1.4	.8																														14	14	56	71	
54/ 53	.8	1.0	.3																														13	13	47	70	
52/ 51	.2	.2	.5																														5	5	45	63	
50/ 49			.2																														1	1	14	78	
48/ 47																																			5	45	
46/ 45																																				36	
44/ 43																																				20	
42/ 41																																				11	
TOTAL	.5	5.2	11.7	10.2	14.6	12.2	13.9	8.8	10.7	7.1	4.2	1.0																					591	591	591		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum.	2152896	34374	58.2	16.136	591							93
Dry Bulb	2978552	41538	70.4	9.393	591			60.3	39.2	18.3		93
Wet Bulb	2174664	35684	60.4	5.837	591			13.4	1.9			93
Dew Point	1727406	31846	53.9	6.077	591			3.0	.5			93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,72

YEARS JUL

PAGE 1 2100-2300  
HOURS . 5.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
78/77				1.0																													1	1				
76/75					1.0	1.0																												2	2			
74/73					1.0		1.0																											2	2			
72/71				1.0	2.1	2.1																												5	5	1		
70/69				1.0	4.2	2.1																												7	7		1	
68/67				3.1	2.1	1.0																												6	6	4	1	
66/65			2.1	3.1	1.0	1.0																												7	7	5	2	
64/63	1.0	7.3	2.1	2.1	2.1																													14	14	13	5	
62/61		1.0	3.2	3.1																														9	9	10	16	
60/59	5.2	3.1	4.2	1.0	2.1																													15	15	12	15	
58/57	2.1	6.3	3.1	1.0																														12	12	11	6	
56/55	1.0	2.1	2.1																															5	5	15	13	
54/53		5.2																																5	5	9	10	
52/51		3.1	1.0																															4	4	7	15	
50/49																																			4	4	2	6
48/47	1.0	1.0																																2	2	1	3	
46/45																																					1	2
44/43																																					1	1
TOTAL	10.4	31.3	26.0	18.6	11.5	2.1																												96	96		96	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	661892	7908	82.4	10.498	96							93
Dry Bulb	373563	5959	62.1	6.216	96			22.3	4.8			93
Wet Bulb	322594	5630	58.6	5.045	96			4.8				93
Dew Point	307896	5414	56.4	5.200	96			1.9				93

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KAITERRACH 46

YEARS

AUG

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
68/67				1.1																1	1																
66/65			2.2	1.1	2.2															3	5																
64/63			3.2																	3	3																
62/61			2.2	1.1	3.2															6	6	4															
60/59	2.2	8.6	1.1																	11	11	7															
58/57	3.2	11.8																		14	14	17															
56/55	9.7	5.4																		14	14	22															
54/53	5.4	9.7																		14	14	9															
52/51	5.4	6.5	1.1																	12	12	15															
50/49	5.4	4.3																		9	9	13															
48/47	4.3																			4	4	6															
46/45																						8															
TOTAL	35,548.4	8.0	5.4	2.2																93	93	93															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum	780721	848	91.2	8.456	93							93
Dry Bulb	292904	5200	55.9	4.836	93			1.0				93
Wet Bulb	276345	3057	54.4	3.850	93							93
Dew Point	264928	4952	53.2	3.682	93							93

USAFETAC FORM 0-26-5 (U.L.A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46, 71

YEARS

AUG

PAGE 1 0300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry	Wet	Bulb	D.			
70/ 69						.8																														2	2		
68/ 67					.8																															3	3		
66/ 65					.8	.6																														2	2		
64/ 63					2.2	2.4																														5	5	2	
62/ 61					2.4	4.0																														8	5	1	
60/ 59	2.4	2.4	2.4	1.8																																12	12	10	6
58/ 57	1.6	7.1	2.4																																	16	16	14	8
56/ 55	4.8	7.9	2.4	1.8																																21	21	29	18
54/ 53	4.8	5.6	3.4																																	16	16	22	25
52/ 51	2.2	7.1																																		13	13	13	22
50/ 49	3.2	3.2																																		5	6	14	13
48/ 47	4.8	.8																																		7	7	10	19
46/ 45	7.9																																			10	10	11	12
TOTAL	32.2	34.1	12.7	11.9	3.2	1.6																														126	126	126	126

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel Hum.	1006576	11180	88.710	7.97	126							93
Dry Bulb	391152	6984	55.4	5.694	126			3.7				93
Wet Bulb	361376	6728	53.4	4.310	126							93
Dew Point	342080	6546	52.0	3.960	126							93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

4626672

YEARS

AUG

PAGE 1 C600wC800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
80/ 79								.2																										1	1				
78/ 77																			.2																2	2			
76/ 75								.2	.2	.2																									3	3			
74/ 73								.2	.2																										2	2			
72/ 71						.2	.5																												8	8			
70/ 69				.2	1.2	.6	.2	.5																											17	17			
68/ 67			.5	1.4	1.2	.8	.2																												26	26			
66/ 65			.2	1.4	.6	.6	.6																												22	22		8	
64/ 63			.8	1.8	1.7	.5		.2																											32	32	18	5	
62/ 61			2.9	2.9	1.5	.6																													52	52	37	13	
60/ 59	1.1	6.1	3.3	3.5	.6																														96	96	63	48	
58/ 57	1.8	6.8	2.5	.8	.2																														82	82	87	65	
56/ 55	2.4	6.1	3.5	2.0																															94	94	109	75	
54/ 53	1.2	7.6	3.3	.3																															84	84	101	96	
52/ 51	1.2	5.2	2.0																																56	56	90	88	
50/ 49	1.2	3.6	2.1																																46	46	69	116	
48/ 47	1.4	1.1	.9																																22	22	44	76	
46/ 45	.9	1.1	.2																																14	14	22	41	
44/ 43		.2																																	1	1	11	22	
42/ 41																																						1	14
40/ 39																																						1	1
TOTAL	11.5	41.5	25.2	13.0	4.7	1.8	1.7	.2	.3																													5:0	

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

Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4698278	55134	82.5	11.859	660							
Dry Bulb	2190891	37819	57.2	6.010	660			8.2	1.0			93
Wet Bulb	1961140	25842	34.2	4.723	660							93
Dew Point	1805201	34373	52.1	4.778	660							93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH ABF GERMANY/KATTERBACH 46266-72

YEARS AUG

PAGE 1 0900-1100

FORM 0-26-5 (OL A) JUL 64

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25	26-27	28-29	30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																										
88/ 87																																				1	1												
86/ 85																																					2	2											
84/ 83																																					1	1											
82/ 81																																						3	3										
80/ 79																																						7	7										
78/ 77																																							16	16									
76/ 75																																								23	23								
74/ 73																																									22	22							
72/ 71																																									25	25							
70/ 69																																									40	40		10					
68/ 67																																										50	50		16				
66/ 65																																										44	44		26 6				
64/ 63																																											69	69		14			
62/ 61																																											84	84		27			
60/ 59																																											97	97		64			
58/ 57																																											70	70		81			
56/ 55																																												97	97		64		
54/ 53																																											70	70		81			
52/ 51																																												54	54		98		
50/ 49																																												23	23		89		
48/ 47																																												21	21		95		
46/ 45																																												5	5		82		
44/ 43																																												2	2		30		
42/ 41																																														2	2		19
TOTAL	4,415	622	921	516	1	9.7	5.6	2.3	1.1	.5	.2	.2																																	659	659		659	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature				Total		
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2592612	47808	72.5	14.073	659							
Dry Bulb	2653068	41562	63.1	6.934	659			26.8	10.6	1.3		93
Wet Bulb	2190042	37862	57.5	4.713	659			3.7				93
Dew Point	1905600	35292	53.6	4.865	659							93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46.6672

YEARS

AUG

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	D.B.	W.B.	Div Bulb	Wet Bulb	Dew Point						
90/ 89																												1	1						
88/ 87															.2						.2	.2	.2					5	5						
86/ 85										.2				.2	.5													5	5						
84/ 83										.2	.3			.6	.3	.2												10	10						
82/ 81								.2	.6	.5	1.0		.2	.2	.2	.2												14	14						
80/ 79								.2	.6	.6	.2	.5	.2	.2	.2													14	14						
78/ 77								1.1	1.9	1.3	.2	.6																32	32						
76/ 75							.6	.8	1.6	.2	.3																	23	23						
74/ 73							1.4	1.8	.5	1.8	.5																	37	37						
72/ 71				.8			1.4	1.9	2.2	1.4	.2																	50	50	1					
70/ 69			.2	1.3	1.9		1.6	2.6	.5																			50	50	7					
68/ 67			.5	2.1	2.7	2.0	1.3																					60	60	30	1				
66/ 65		.2	2.9	2.7	2.9	1.8	.8																					70	70	47	5				
64/ 63		.2	2.5	2.2	1.9	1.8	.6																					54	54	60	17				
62/ 61		.2	2.4	2.1	2.1	1.6	1.4																					59	59	70	34				
60/ 59	.4	2.2	1.8	2.2	1.3	.2																						46	46	120	77				
58/ 57	.3	1.4	1.8	2.1	.5	.5																						41	41	98	71				
56/ 55	.5	1.1	1.9	.8	1.0																							33	33	68	82				
54/ 53		.8	.6	.3	.2																							12	12	60	77				
52/ 51		.8	.3	.2																								8	8	32	66				
50/ 49	.2																											1	1	19	93				
48/ 47																														8	49				
46/ 45																															26				
44/ 43																															15				
42/ 41																															11				
40/ 39																															1				
TOTAL	1.6	9.1	14.4	16.8	15.8	16.2	12.6	6.7	3.2	2.1	.6	.3	.2	.3													625	625	625	625					

USAFETAC FORM 3-26-5 L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum.	2772099	40468	64.715	6.19	625							93
Dry Bulb	2829382	41774	66.8	7.781	625			44.8	21.0	6.0		93
Wet Bulb	2190727	36877	59.0	4.881	625			6.6	1.1			93
Dew Point	1821186	23576	37.7	5.281	625			.1				93

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

4600072

YEARS

AUG

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Pt.																							
90/89																																		1	1								
88/87									.2																.2									5	5								
86/85																				.2	1.2	1.0												14	14								
84/83																					.7	.8	.8												12	12							
82/81																					.7	.8	.2													15	15						
80/79																					.5	1.7	.7													17	17						
78/77									.5	.5	1.4	2.2									.8	.3														34	34						
76/75									.2	1.0	1.2	1.9	1.2								.8	.9															32	32					
74/73										.8	1.5	2.0	1.5																									38	38	1			
72/71										.5	.2	.8	2.9																									29	29	1			
70/69										1.2	1.5	2.5	3.6																										57	57	10		
68/67										.7	2.2	2.5	4.2	2.7																									74	74	25		
66/65											1.5	2.5	1.5	2.0																									47	47	47	1	
64/63											1.2	1.7	2.0	2.4																									56	56	47	3	
62/61											1.0	2.7	1.5	.7								.8																40	40	76	32		
60/59	.2										2.0	3.4	2.0	.8																										52	52	110	53
58/57											.8	1.2	1.5	.5																										25	25	101	82
56/55	.2										.2	2.2	1.8	.8																										26	26	64	80
54/53											1.7	.2																												11	11	42	82
52/51											.7																												4	4	28	59	
50/49																																									12	96	
48/47																																									5	43	
46/45																																										23	23
44/43																																										20	20
42/41																																									5	5	
40/39																																									3	3	
TOTAL	.5	7.6	13.6	14.4	12.6	14.6	16.3	9.3	5.1	3.2	2.5					.2																					589	589	589	589			

Elev. (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2278270	36286	61.612589		589	$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Dry Bulb	2761566	40050	68.0	8.071	589			51.8	26.5	9.2		93
Wet Bulb	2090209	34893	59.2	4.776	589			7.4	2.1			93
Dew Point	1694479	21455	36.4	4.992	589			.2				93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH  
STATION STATION NAME

46266-70272

YEARS

AUG

PAGE 1 1800-2000

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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
88/87																																	2	2						
86/85																																	2	2						
84/83																																	7	7						
82/81																																	6	6						
80/79																																	9	9						
78/77																																	8	8						
76/75																																		16	16					
74/73																																		13	13					
72/71																																		15	15					
70/69																																		20	20		5			
68/67																																		30	30		18			
68/65																																		25	25		21			
66/63																																		34	34		25			
62/61																																		30	30		36			
60/59																																		36	36		41			
58/57																																		25	25		48			
56/55																																		16	16		40			
54/53																																		19	19		39			
52/51																																		4	4		33			
50/49																																		2	2		4			
48/47																																				9				
48/45																																					21			
46/45																																					13			
44/43																																					5			
42/41																																					6			
40/39																																					2			
TOTAL																																						319	319	319

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum.	1905064	21384	67.015	0.003	319							
Dry Bulb	1384060	20552	64.4	8.133	319			37.3	18.4	5.8		93
Wet Bulb	1089241	18569	58.2	8.121	319			6.7				93
Dew Point	917317	17033	53.4	4.965	319							93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 4072

YEARS AUG

PAGE 1 21002300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25	26-27	28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
76/75								1.0																											1	1			
74/73									1.0																											1	1		
72/71							1.0	1.0	1.9																											4	4		
70/69								1.0	1.9																											3	3		
68/67							1.0	1.9	1.0																											4	4		
66/65								2.9	1.0																											4	4		2
64/63							6.7	1.9	1.0																											10	10	4	1
62/61	1.9	1.0	3.8	1.9																																9	9	9	4
60/59	1.0	2.9	1.9	2.9																																9	9	14	6
58/57	3.8	4.8	3.8	1.0																																14	14	14	14
56/55	2.9	6.7	2.9	1.0																																14	14	14	17
54/53		11.4	4.8																																	17	17	11	14
52/51	4.8	6.7																																		12	12	26	15
50/49		1.9																																		2	2	9	21
48/47		1.0																																		1	1	1	10
46/45																																						1	2
44/43																																						1	1
TOTAL	14	336	224	815	2	2.8	4.8	1.0																												105	105	105	105

Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	734489	8703	82.9	11.228	105							
Dry Bulb	366207	6169	58.8	6.016	105			11.8	1.8			93
Wet Bulb	326292	5835	55.6	4.422	105							93
Dew Point	299864	5594	53.2	4.203	105							93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46

YEARS

SEP

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5	6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point			
60/59	2.2		1.1																									3	3	2	2				
58/57		10.0	2.2																									11	11	4	1				
56/55	1.1	8.9																										9	9	9	7				
54/53	4.4	12.2																										15	15	13	12				
52/51	4.4	5.6																										9	9	16	18				
50/49	11.1	6.7																										16	16	15	15				
48/47	8.9	7.8																										15	15	12	14				
46/45	7.8	1.1	1.1																									9	9	15	11				
44/43	1.1	1.1																										2	2	2	7				
42/41		1.1																										1	1	2	1				
40/39																															2				
TOTAL	41.1	154.4	4.4																																
																												90		90		90			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Ref. Hum.	802821	8493	94.4	5.155	90							
Dry Bulb	239489	4827	51.4	4.253	90							90
Wet Bulb	230850	4544	50.5	4.006	90							90
Dew Point	224752	4482	49.8	4.080	90							90

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.71

YEARS

SEP

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
58/ 57	2.4	5.7																10	10	5	3														
56/ 55	1.6	4.1																7	7	8	8														
54/ 53	4.1	7.3	1.6															16	16	10	11														
52/ 51	10.6	8.9	1.6	1.6														28	28	24	15														
50/ 49	4.1	6.5	1.6															15	15	17	21														
48/ 47	5.7	1.6	1.6															10	10	16	17														
46/ 45	7.3	10.6																22	22	20	13														
44/ 43	6.5	2.4																11	11	19	23														
42/ 41	.8																	1	1	1	7														
40/ 39						.8												1	1		2														
38/ 35		1.6																2	2																
34/ 33																				2															
32/ 31																				1															
20/ 19																					1														
TOTAL	43.1	48.0	6.5	1.6	.8													123	123	123	123														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1075066	11454	93.1	8.321	123							
Dry Bulb	206414	6114	49.7	4.530	123							90
Wet Bulb	294729	5993	48.7	4.729	123			.7				90
Dew Point	283720	5870	47.7	5.419	123			2.2				90

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4629672

SEP

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15	16-17	18	19	20	21-22	23	24	25	26	27	28	29	30	31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point							
70/ 69					.2				.2																	1	1								
68/ 67					.2																					1	1								
66/ 65					.2	.2	.2																			3	3								
64/ 63					.2																					1	1								
62/ 61			.2	1.2	.2	.5	.3																			14	14	1							
60/ 59	.2	1.5	2.0	1.0	.5	.3																				23	33	6	3						
58/ 57	.5	6.1	3.3	1.0	.3																					68	68	26	10						
56/ 55	2.3	5.4	2.3	1.0																						85	86	69	41						
54/ 53	1.6	6.4	2.6	.2																						66	66	86	57						
52/ 51	1.0	5.8	3.1	1.2																						67	67	81	62						
50/ 49	2.3	7.6	3.0	.2																						79	80	82	109						
48/ 47	1.3	5.6	2.1	.2																						56	58	67	75						
46/ 45	2.0	6.1	.7																							53	53	68	70						
44/ 42	2.0	4.3	1.0	.2																						45	45	56	72						
42/ 41	.5	4.1	.5		.2																					32	38	40	42						
40/ 39	.2																									1	6	19	33						
38/ 37		.2																								1	1	4	20						
36/ 35																													7						
34/ 33	.2																									1	1	2	5						
32/ 31	.2																									1	1	1	1						
24/ 23																													1						
TOTAL	14.153	124.7	2.4	1.6	1.0																					608	623	608	608						

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum	4615937	52649	86.6	9.670	608							90
Dry Bulb	1634851	21907	31.2	5.773	608			1	3			90
Wet Bulb	1492.63	29963	49.3	5.126	608			1				90
Dew Point	1384345	28825	47.4	5.410	608			2				90

USAFETAC FORM 0-26-5 (OLA) 0-26-5 (OLA)  
 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP  
 YEARS

PAGE 1 0900-1100

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 Pt.	Wet Bulb																	
78/77																																		1	1				
76/75																																		1	1				
74/73																																		3	3				
72/71																																		6	6				
70/69																																		21	21				
68/67																																		22	22				
66/66																																		38	38	3	1		
64/63																																		40	40	12	1		
62/61																																		53	53	34	8		
60/59																																		97	97	43	23		
58/57																																		88	88	70	29		
56/55																																		68	68	88	53		
54/53																																		54	54	109	80		
52/51																																		54	54	77	76		
50/49																																		40	40	74	105		
48/47																																		25	26	60	78		
46/45																																		9	9	32	62		
44/43																																		5	5	17	52		
42/41																																				6	35		
40/39																																				12			
38/37																																				5			
36/35																																				4			
34/33																																				1			
TOTAL																																				625	626	625	625

Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3645919	47161	75.5	11.026	625							
Dry Bulb	2110043	36143	57.7	6.103	625			7.8	7.7			90
Wet Bulb	1787291	33281	52.2	4.918	625							90
Dew Point	1562256	31072	49.7	5.297	625							90

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

DATA PROCESSING FRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4626672

YEARS

SEP

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	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point					
80/ 79																																				3	3					
78/ 77																																				10	10					
76/ 75																																				9	9					
74/ 73																																					22	22				
72/ 71																																					26	26				
70/ 69																																					56	56				
68/ 67																																					50	50		5		
66/ 65																																					46	46		12		
64/ 63																																					49	49		36		
62/ 61																																					75	75		59		
60/ 59																																					79	79		57		
58/ 57																																					70	70		84		
56/ 55																																					45	45		89		
54/ 53																																					26	26		79		
52/ 51																																					26	26		63		
50/ 49																																					9	9		74		
48/ 47																																				2	2		34			
46/ 45																																							9	41		
44/ 43																																					1	1		2		
42/ 41																																							1	34		
40/ 39																																								15		
38/ 37																																								3		
36/ 35																																								5		
34/ 33																																								2		
<b>TOTAL</b>																																							604	604		604

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	2701904	39682	65.7	12.542	604							
Dry Bulb	2379878	37706	62.4	6.566	604			26.2	6.6			90
Wet Bulb	1875364	33520	55.8	5.007	604							90
Dew Point	1547570	30378	50.3	5.718	604							90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

YEARS

SEP

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point																	
82/ 81																																		1	1			
80/ 79									.5	.3																							5	5				
78/ 77									1.0	.2																							9	9				
76/ 75						.5	.5	1.4	1.0	.8																							25	25				
74/ 73							.5	2.2	1.4																								26	26				
72/ 71					.2	.5	1.7	3.4	.3	.2																							37	37				
70/ 69			.3	.3	1.5	3.1	2.7	.2																									46	46		1		
68/ 67			.2	1.7	1.5	2.4	.5	.7	.2																								42	42		5		
66/ 65			.5	.7	2.2	2.9	.8	.5																									44	44	11	1		
64/ 63			1.4	1.4	4.2	2.5	1.4	.5																									67	67	30	7		
62/ 61		.5	1.5	2.9	2.7	2.4	1.4	.2																									68	68	64	4		
60/ 59		1.2	1.7	4.6	2.4	2.0	.8																										75	75	76	14		
58/ 57		1.2	1.5	2.9	2.0	.3																											47	47	72	53		
56/ 55	.2	1.2	1.7	.8	1.2																												30	30	83	48		
54/ 53		.8	2.4	1.0	1.0	.2																											32	32	77	77		
52/ 51		.2	1.5	.7																													14	14	68	63		
50/ 49		.7	1.5		.2																												14	14	54	109		
48/ 47		.7																															4	4	32	59		
46/ 45		.2																															1	1	13	46		
44/ 43																																				2	33	
42/ 41																																			1	32		
40/ 39																																					10	
38/ 37																																					7	
36/ 35																																					3	
34/ 33																																					3	
TOTAL	.2	6.6	14.2	17.1	12.0	0.18	8.15	1.5	9.1	1.5	.3																						389	389	589	589		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2454272	37174	63.113	5.58	589							
Dry Bulb	2392139	37309	63.3	7.008	589			29.5	10.1	.6		90
Wet Bulb	1841163	32798	55.7	5.004	589			9				90
Dew Point	1489128	29478	50.0	3.659	589							90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

YEARS

SEP

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	D.B. WB	Dry Bulb	Wet Bulb	Dew Point																	
78/ 77																																		2	2				
76/ 75																																		4	4				
74/ 73																																		5	5				
72/ 71																																			10	10			
70/ 69																																			1	10			
68/ 67																																			29	29			
66/ 65																																			18	18		3	
64/ 63																																			26	26	10	1	
62/ 61																																			27	27	20	2	
60/ 59																																			36	36	44	11	
58/ 57																																			27	27	37	20	
56/ 55																																			28	28	33	35	
54/ 53																																			16	16	40	38	
52/ 51																																			14	14	24	35	
50/ 49																																			15	15	24	42	
48/ 47																																			6	6	23	23	
46/ 45																																			4	4	14	19	
44/ 43																																			3	3	5	19	
42/ 41																																					3	22	
40/ 39																																						9	
38/ 37																																						3	
36/ 35																																						1	
TOTAL	2.116	1.125	4.418	9.917	5.512	13.7	1.8	.4																											280	280	280		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum	1469594	19928	71.213	5.98	280							
Dry Bulb	1028120	16882	60.2	7.051	280			19.3	3.5			90
Wet Bulb	842399	15287	54.6	5.282	280							90
Dew Point	717102	14062	50.3	5.641	280							90

USAF ETAC FORM NO. 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/SAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERSBACH 46.72

YEARS

SEP

PAGE 1 2100-2300

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	O.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point				
64/ 63			3.0																														3	3				
62/ 61			2.0	2.0																													5	5	1			
60/ 59		4.0	4.0	1.0																												9	9	4	1			
58/ 57	1.0	3.0	3.0	1.0																												10	10	9	5			
56/ 55	5.0	6.0	2.0																														14	14	15	14		
54/ 53	4.0	14.0																															19	19	19	13		
52/ 51	5.0	5.0	1.0	1.0																													12	12	17	24		
50/ 49	2.0	4.0																															6	6	7	13		
48/ 47	4.0	7.0	2.0	1.0																													15	15	11	7		
46/ 45	2.0	3.0	1.0																														6	6	10	7		
44/ 43		1.0																															1	1	4	10		
42/ 41																																				2	2	
40/ 39		1.0																															1	1	1	2		
38/ 37																																				1		
36/ 35																																					2	1
34/ 33																																					1	1
TOTAL	22.8	50.9	519.0	0.9																														101	101	101	101	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	811773	9013	89.2	8.645	101							90
Dry Bulb	289433	5383	53.3	5.032	101							90
Wet Bulb	271107	5211	51.6	4.744	101							90
Dew Point	256154	5060	50.1	5.151	101							90

USAFETAC FORM 0 26.5 (OL A) JUL 64 REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

YEARS OCT

PAGE 1 0000-200

Temp (F)	WFT HULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	3	4	5-6	7	8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB W.B	Dry Bulb	Wet Bulb	Dew P.		
54/ 53	5.7																													5	5	5	5		
52/ 51	4.5																													4	4	4	4		
50/ 49	4.5	3.4																											7	7	4	4			
48/ 47	1.1	5.7																											6	6	7	5			
46/ 45	1.1	1.1	2.3																										4	4	3	5			
44/ 43	1.1	2.7																											6	6	8	2			
42/ 41	1.1	5.7																											6	7	2	6			
40/ 39	5.4	6.8	2.3																										11	13	8	8			
38/ 37	8.0	6.8																											11	13	16	10			
36/ 35	4.5	4.5																											8	8	12	13			
34/ 33	6.5																												6	6	7	11			
32/ 31	4.5																												4	4	4	7			
30/ 29	2.3																												2	2	2	2			
28/ 27	3.4																												3	3	3	3			
26/ 25	3.4																												3	3	3	4			
24/ 23																																2			
TOTAL	55.7	39.8	4.5																										68	91	88	88			

USAF/ETAC  
 FORM 0-26-5 (OL A)  
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 57 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	798852	8366	95.1	6.353	88							93
Wet Bulb	52760	3670	40.3	7.265	91		12.3					93
Wet Bulb	143133	3491	39.7	7.306	88		12.7					93
Dew Point	138545	3429	39.0	7.328	88		15.9					93





DATA PROCESSING SECTION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AFB GERMANY/KATTERBACH

46, 65-72

007

STATION

STATION NAME

YEARS

UNIT

PAGE 1 0600-0800

NO. OF

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25-26	27-28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
62/ 61			.2																															1	1				
60/ 59			.2	.2																														6	6				
58/ 57			.8	1.4	.3																													16	16	4			
56/ 55		.5	1.7	1.1		.3																												23	23	16	7		
54/ 53		1.7	5.0	.3	.2																													47	47	44	31		
52/ 51		2.1	7.7	1.4	.9																													80	82	64	55		
50/ 49		2.4	5.0	1.5	.5	.2																												63	63	53	60		
48/ 47		1.1	6.6	1.7	.3																													64	64	63	35		
46/ 45		1.8	6.0	1.2	.3																													62	64	61	61		
44/ 43		2.0	6.5	1.2	.3																													66	67	73	74		
42/ 41		1.4	4.4	.9	.2	.2																												46	48	60	67		
40/ 39		3.0	2.9	.6	.2																													44	46	55	51		
38/ 37		1.5	2.1	1.1																														31	34	33	43		
36/ 35		2.0	2	.9																														40	41	37	34		
34/ 33		2.1	0	.3																														29	29	40	43		
32/ 31		.3	1.8	.2																														15	20	19	24		
30/ 29		.8	1.1	.2																														13	14	21	27		
28/ 27		.2	.2																															2	2	4	12		
26/ 25		1.1	.5																															10	10	11	14		
24/ 23		.9	.2																															7	7	6	8		
22/ 21																																					1	8	
20/ 19																																						2	2
TOTAL	24,557	314.0	3.0	.6																																665	684	665	

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	5375822	59484	89.6	9.101	665							93
Dry Bulb	1389646	30970	46.4	7.767	684		7.2					93
Wet Bulb	1271684	28652	42.1	7.484	565		8.7					93
Dew Point	1190545	27637	41.6	7.950	665		13.3					93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65=72

YEARS OCT

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point						
70/69																																	2	2					
68/67																																		2	2				
66/65																																		5	5				
64/63																																		5	5				
62/61																																		23	23				
60/59																																		29	29	5	1		
58/57																																		41	41	16	1		
56/55																																		53	53	43	10		
54/53																																		75	75	68	53		
52/51																																		71	71	73	60		
50/49																																		74	74	59	77		
48/47																																		64	64	90	51		
46/45																																		58	58	61	74		
44/43																																		59	60	72	64		
42/41																																		62	63	63	85		
40/39																																		37	38	59	45		
38/37																																		21	21	46	41		
36/35																																		16	16	30	51		
34/33																																		9	9	11	47		
32/31																																		4	4	10	29		
30/29																																		5	5	5	15		
28/27																																		3	3	4	8		
26/25																																				1	1	3	
24/23																																					2		
20/19																																					1		
TOTAL	11.4	39.0	27.9	13.4	6.4	1.7	.3																											718	721	718	718		

Element (X)	Zx'	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4898085	58611	81.6	12.588	718							
Dry Bulb	1750105	35115	48.7	7.444	721			1.5	5			93
Wet Bulb	1540110	32910	45.8	6.645	718			2.6				93
Dew Point	1368017	30915	43.1	7.175	718			7.5				93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4620572

STATION MONTH YEARS  
 1200-1400  
 HOURS

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point						
78/ 77																											1	1							
76/ 75																											2	2							
74/ 73																											4	4							
72/ 71																											2	2							
70/ 69																											5	5							
68/ 67																											14	14							
66/ 65																											31	31							
64/ 63																											38	38	3						
62/ 61																											59	59	6						
60/ 59																											49	49	20						
58/ 57																											62	62	58	3					
56/ 55																											80	80	84	46					
54/ 53																											68	68	74	52					
52/ 51																											62	62	78	69					
50/ 49																											65	65	77	86					
48/ 47																											44	44	68	58					
46/ 45																											31	31	56	75					
44/ 43																											28	29	60	58					
42/ 41																											27	27	47	63					
40/ 39																											13	13	36	49					
38/ 37																											12	12	20	46					
36/ 35																											6	6	10	33					
34/ 33																											2	2	2	24					
32/ 31																													4	24					
30/ 29																												2	8	2					
28/ 27																														5					
26/ 25																														2					
24/ 23																														1					
22/ 21																														1					
20/ 19																														2					
TOTAL	4	122	622	423	114	5	9	1	3	1	9	2															705	706	705						

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	2827423	50989	72.3	14.280	705							
Dry Bulb	2100709	38121	54.0	7.749	705			3.7	.9			93
Wet Bulb	1731143	34645	49.1	6.376	705							93
Dew Point	1448009	31547	44.7	7.197	705			5.7				93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ALSBACH AAF GERMANY/KATTERBACH 46,6572

STATION STATION NAME YEARS CGT

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
80/79																																1	1					
78/77									.2	.2																							2	2				
76/75									.2																									2	2			
74/73									.6																									4	4			
72/71									.3	.2																								3	3			
70/69						.2			.4																									6	6			
68/67						1.1	2.1	.3									.2																	24	24			
66/65					.8	2.0	1.7	1.1	.2	.2																								38	38	1		
64/63					1.4	2.7	.6	.2	.2																									33	33	4		
62/61		.2	1.7	3.0	1.5	.2	.3	.2																										33	32	8		
60/59		1.5	2.1	3.5	1.2	1.4																												66	67	18		
58/57		.8	2.4	2.7	1.5	1.1	.3																											58	58	77	11	
56/55		3.3	2.4	2.9	1.1	.5	.3																											69	70	66	30	
54/53	.2	2.1	1.7	1.7	2.0	.2																												51	51	83	54	
52/51	.3	2.3	2.1	2.1	1.4	.3																												56	56	72	71	
50/49		1.4	3.0	1.5	1.2	.5																												50	50	64	96	
48/47		1.5	2.1	1.2																														32	32	59	50	
46/45	.2	2.0	1.4	.8	.3																													30	30	56	61	
44/43	.3	1.5	.9	.3																														20	20	45	48	
42/41	1.1	.8	.6	.5																														19	20	39	68	
40/39	.6	1.7	1.2	.3																														25	26	22	45	
38/37	.6	1.2	.5	.3																														17	17	24	35	
36/35		.5																																3	3	18	31	
34/33																																					3	31
32/31																																					3	13
30/29																																					9	
28/27																																					4	
26/25																																					2	
22/21																																					2	
20/19																																					1	
TOTAL	3,220	522	122	516	6	9.4	4.5	.8	.3	.2																								662	662	662		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Ref. Hum.	3498987	47137	71.2	14.3	662							93
Dry Bulb	2039435	36439	54.7	8.29	666			5.9	1.3			93
Wet Bulb	1656363	32823	49.6	6.62	662		.4					93
Dew Point	1373702	29804	45.0	7.16	662		4.4					93

USAFETAC FORM 34 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46,66-70,72

YEARS

OCT  
 MONTH

PAGE 1 1800=2000  
 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17-18	19	20	21	22	23	24	25-26	27	28	29	30	31	D.B. Dry Bulb	Wet Bulb	Dew Point								
72/ 71																											1	1							
70/ 69									.3	.6																	3	3							
68/ 67								.3	.6	1.0																	6	6							
66/ 65								.3	.6	1.0																	7	7							
64/ 63								1.0	.3	.3																	5	5							
62/ 61								.5	1.5	.3																	8	8	5						
60/ 59				.6	2.2	4.2		.3																			23	23	5	1					
58/ 57				2.6	2.2	1.9		.3					.3														23	23	16	3					
56/ 55				3.8	3.2	2.0		.6																			27	28	29	11					
54/ 53			.3	4.5	1.9	1.3		.3		.3																	27	27	37	28					
52/ 51	1.3	1.6	2.9	.6	.3																						21	22	28	30					
50/ 49	.3	4.2	3.2	1.6																							29	29	21	44					
48/ 47				1.6	1.9	.6		.3																			14	15	18	24					
46/ 45	.6	3.8	3.5	.3																							26	26	24	13					
44/ 43				4.2	1.3																						17	17	26	12					
42/ 41	1.0	3.8	1.3	.6																							21	21	33	29					
40/ 39	1.0	2.9	1.0	.3																							16	16	18	39					
38/ 37	2.2	2.2	.6	.3																							17	17	18	22					
36/ 35	.3	1.6	1.0																								9	9	13	17					
34/ 33	.3	1.3	1.0																								8	8	8	13					
32/ 31																													7	8					
30/ 29	1.3																										4	4	5	9					
28/ 27																														3					
26/ 25																														3					
24/ 23																														3					
TOTAL	8.738	8.28	2.16	.3	3.5	4.2	.2																												
																												312	315	312	314				

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	
Rel. Hum.	2035565	25221	80.8	12.265	312							
Dry Bulb	807474	15704	49.9	8.845	315		1.2	3.0				93
Wet Bulb	699411	14577	46.7	7.683	312		3.6					93
Dew Point	618795	12681	42.8	7.794	312		7.7					93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

**PSYCHROMETRIC SUMMARY**

34172 ANSBACH AAF GERMANY/KATFERBACH 46,72

STATION STATION NAME YEARS

PAGE 1 2100-2300  
HOURS 5

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15	16-17	18	19-20	21-22	23	24	25	26	27-28	29-30	31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point														
54/53	3.0																																	3	3	3	3		
52/51	1.0	3.0																																4	4	3	1		
50/49	5.1	4.0	1.0																															10	10	7	3		
48/47	2.0	1.0	1.0																															4	4	5	5		
46/45	1.0	6.1	2.0																															9	10	3	3		
44/43	1.0	8.1	1.0	1.0																															11	12	9	1	
42/41		7.1	1.0																																8	9	12	11	
40/39	3.1	1.0	1.0																																19	19	13	19	
38/37	4.0	2.0																																	6	7	13	13	
36/35	3.1	2.0	1.0																																8	8	9	12	
34/33	4.0																																		4	4	4	7	
32/31	4.0		1.0																																5	5	5	6	
30/29	3.0																																		3	3	4	3	
28/27	3.1																																		5	5	5	2	
26/25																																						4	4
24/23																																						1	1
TOTAL	46,543.4	9.1	1.0																																	99	103	99	99

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$> 80$ F	$\leq 93$ F	
Rel. Hum.	332940	9143	92.4	8.822	99							99
Dry Bulb	178154	4230	41.1	6.595	103			11.7				99
Wet Bulb	162872	3964	40.0	6.509	99			13.2				99
Dew Point	134025	3847	38.9	6.803	99			15.0				99

USAFETAC FORM 04 JUL 64 G-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

YEARS

NOV

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point				
46/45		1.1																										1	1	1						
44/43																													9	9	6					1
42/41		3.3	6.7																									5	5	5						4
40/39		1.1	4.4																									15	15	15						12
38/37		3.9	7.8																									9	9	10						14
36/35		6.7	3.3																									1	1	3						2
34/33		1.1																										13	13	12						12
32/31		11.1	3.3																									29	29	30						32
30/29		32.2																										5	5	5						3
28/27		2.6																										2	2	2						3
26/25		2.2																										1	1	1						3
24/23		1.1																																		
TOTAL		73.326.7																										90	90	90						90

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of hours with Temperature					Total	
						< 50 F	= 52 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	851432	8748	97.2	4.151	90							
Dry Bulb	104080	3030	33.7	4.799	90		50.0					90
Wet Bulb	101940	3032	33.7	4.513	90		50.0					90
Dew Point	99888	2964	32.9	4.464	90		52.0					90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

YEARS

NOV

PAGE 1 0300-0500  
 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45	.9	2.8																	4	4	3	2													
44/ 43		.9																	1	1	1	1													
42/ 41		2.8																	3	5	3	2													
40/ 39	1.9	10.4	.9																14	19	8	4													
38/ 37	6.6	4.7																	12	13	18	17													
36/ 35	8.5	8.5																	18	19	17	15													
34/ 33	2.8	.9																	4	12	6	15													
32/ 31	6.6	4.7																	12	12	10	6													
30/ 29	24.5																		26	26	28	32													
28/ 27	6.6																		7	7	7	5													
26/ 25	1.9																		2	2	2	3													
24/ 23	1.9																		2	2	2	3													
20/ 19	.9																		1	1	1														
18/ 17																						1													
TOTAL	63,235.8	.9																	106	123	106	106													

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	980321	10183	96.1	4.660	106							90
Dry Bulb	148382	4226	34.4	5.110	123		36.6					90
Wet Bulb	121449	3551	33.5	4.870	106		42.5					90
Dew Point	117421	3491	32.9	4.829	106		42.5					90

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72  
STATION STATION NAME YEARS

NOV  
MONTH

PAGE 1 0600-0800  
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	DB, WB	Dry Bulb	Wet Bulb	Dew Point														
59/ 57				.3														2	2																
56/ 55				.3														2	2																
54/ 53				.5														3	3																
52/ 51				.7														4	4		3														
50/ 49		1.2	.5	.2														11	11		4														
48/ 47		1.5	1.7	.5														22	22	12	6														
46/ 45	.5	3.4	.9	.2														29	29	18	17														
44/ 43	.3	4.4	1.7	.2														39	39	35	14														
42/ 41	1.7	5.5	1.4															50	51	49	37														
40/ 39	1.0	6.3	1.5															52	54	55	47														
38/ 37	3.9	5.8	.7															61	65	70	68														
36/ 35	2.1	6.0	.5															50	55	45	62														
34/ 33	2.6	6.7	.9															59	68	64	59														
32/ 31	4.1	5.8																52	64	61	68														
30/ 29	5.8	5.1	.3															66	66	76	71														
28/ 27	3.1	4.3	.9															45	46	42	38														
26/ 25	.5	3.1																21	22	34	38														
24/ 23	.3	1.2																9	9	11	25														
22/ 21		.3																2	2	6	23														
20/ 19																					8														
18/ 17																					2														
16/ 15																					1														
12/ 11																					1														
TOTAL	26,060,711.1	2.2																585	614	585	585														

Element (X)	Σx <sup>2</sup>	Σx	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	4650829	51927	88.8	8.437	585							
Dry Bulb	827658	22168	36.1	6.673	614		30.6					90
Wet Bulb	735879	20427	34.9	6.222	585		35.4					90
Dew Point	665229	19365	33.1	6.437	585		42.3					90

USAFETAC FORM 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46295-72

YEARS

NDV

PAGE 1 0900-1100  
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
60/59				.2	.3													3	3																
58/57				.2	.3													5	5																
56/55		.2	.2															4	4																
54/53			.3	.3	.3	.3	.2	.2										9	9	3															
52/51			.5	.5	.5	.2												8	8	6	1														
50/49		.3	1.4	1.2	.2													20	20	4	2														
48/47		1.2	3.1	.5														35	35	15	4														
46/45	.2	4.6	1.7	.2														43	43	36	15														
44/43	.8	4.6	2.0	.2														49	49	63	24														
42/41	1.1	3.7	2.6															61	63	60	56														
40/39	1.7	5.9	.9	.2														56	56	52	78														
38/37	1.4	6.3	1.2	.5														61	64	69	60														
36/35	1.1	3.6	.5															33	38	47	52														
34/33	3.4	6.3	1.1	.2														71	76	57	66														
32/31	4.2	6.5	.3	.2														73	75	87	74														
30/29	3.3	4.6	.3															53	54	61	75														
28/27	1.5	3.9	.3															37	39	50	40														
26/25	.2	1.7																12	12	15	31														
24/23		.6																4	4	8	29														
22/21	.2	.3																3	3	6	16														
20/19	.3	.5																4	4	3	7														
18/17		.3																2	2	4	11														
16/15																					1														
14/13																					3														
12/11																					1														
TOTAL	19.257	716.6	4.8	.9	.2													646	666	646	646														

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4781797	53145	85.410741		646							90
Dry Bulb	979809	25053	37.674981		646		26.1					90
Wet Bulb	863226	23216	35.93692		646		32.6					90
Dew Point	754970	21644	33.3497		646		40.1					90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

**34172**      **ANSBACH AAF GERMANY/KATTERBACH**      **46,65-72**  
STATION      STATION NAME      YEARS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. WB	Dry Bulb	Wet Bulb	Dew Pt														
58/67						.2												1	1																
64/63					.2													1	1																
62/61					.2	.5												4	4																
60/59				.3	.5	.6												9	9																
58/57		.3	.2	.5	.3	.6												13	13	1															
56/55				.2	1.4													10	10	4															
54/53		.2	.2	1.2	.5													13	13	6	2														
52/51			.2	1.4	2.3													22	25	8	1														
50/49		.6	2.6	1.2	.3													31	31	16	5														
48/47	.2	1.1	3.4	.5														33	33	39	11														
46/45	.3	5.0	2.5	1.2	.3													60	61	42	14														
44/43	.9	5.1	3.1	.2														60	64	79	44														
42/41	.9	4.0	3.6	.6														59	60	50	78														
40/39	1.1	2.6	2.5	.5														43	44	64	71														
38/37	.6	3.6	2.8	.5	.2													49	51	52	48														
36/35	.8	3.7	1.7	.2														41	44	44	54														
34/33	2.3	8.3	1.2															76	79	63	62														
32/31	3.4	3.9	.6															51	53	84	91														
30/29	1.7	2.6	.3															30	30	39	59														
28/27	.6	2.5																20	20	28	21														
26/25	.2	.3	.3															6	6	12	27														
24/23		.9																6	6	5	25														
22/21		.2																1	1	6	10														
20/19																					9														
18/17																					5														
16/15																					3														
14/13																					2														
<b>TOTAL</b>	<b>13</b>	<b>145</b>	<b>326</b>	<b>59</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>9</b>									<b>642</b>	<b>659</b>	<b>642</b>	<b>642</b>														

Element (X)	Σx <sup>2</sup>	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	
Rel. Hum.	4314256	52026	81.0	12.378	642							
Dry Bulb	1120753	26639	40.4	8.170	659				15.8			90
Wet Bulb	954751	24351	37.9	6.968	642				24.4			90
Dew Point	807905	22333	34.8	6.940	642				35.3			90

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4626572

YEARS

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/63								.2	.2																										2	2		
62/61								.2	.2	.2																									3	3		
60/59							.3	.3	.7	.3																								10	10			
58/57				.2	.2	.2	.2	.2																										5	5			
56/55		.2	.2	.7	1.0																													12	12		2	
54/53		.5	.5	1.7	.8																													21	21		6	
52/51			1.8	1.5	.2																													21	21	10	2	
50/49		.8	3.0	1.2	.5																													24	34	22	6	
48/47		.7	1.8	1.3				.2																										24	25	36	12	
46/45	.2	3.3	2.2	.8	.5																													42	42	36	14	
44/43	.7	4.8	2.5	.5	.2																													51	55	52	40	
42/41	1.8	6.8	3.2	.2																														72	75	63	69	
40/39	.5	3.2	3.2		.5																													44	44	37	64	
38/37	.7	5.7	1.8	.7																														53	54	52	43	
36/35	1.5	4.8	1.2	.5																														48	49	58	56	
34/33	1.3	4.3	1.2																															41	41	49	63	
32/31	3.2	4.7	.5																															32	54	65	75	
30/29	2.3	2.0	.5																															29	31	45	52	
28/27	.8	2.2	.2																															19	19	25	26	
26/25	.5	1.0	.5																															12	12	10	29	
24/23	.5	.2																																4	4	9	24	
22/21																																					2	12
20/19																																					8	
18/17																																					2	
16/15																																					1	
14/13																																					1	
12/11																																					1	
TOTAL	14.0	45.2	224.5	10.0	4.5	1.2	.5																											599	613	599	359	

Element (X)	$\Sigma x'$	$\Sigma y$	$\bar{x}$	$\bar{y}$	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	4048287	48661	31.2	12.618	599							
Dry Bulb	1041366	24770	40.4	8.131	613		17.0					90
Wet Bulb	59062	22720	37.9	6.879	599		23.4					90
Dew Point	753319	20841	34.8	6.867	599		34.6					90

USAF/ETAC FORM 0-26-5 (OL A) 47510 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

STATION STATION NAME YEARS MONTHS  
 PAGE 1 1800-2000  
HOURS 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
62/ 61								.4																										1	1				
58/ 57				.4				.4	.4																										3	3			
56/ 55																																						1	
54/ 53							.4	.4																												2	2		1
52/ 51			.4	1.2			.4																													5	5		1
50/ 49			.4	3.2	.8																															11	11		4
48/ 47				1.2	3.6																															12	12		11
46/ 45		.4	2.8	1.2																																11	11		10
44/ 43		.8	4.0	1.2	.4																															16	16		22
42/ 41		.8	5.6	1.6	1.2																															23	32		12
40/ 39		4.0	8.0	2.8																																37	38		31
38/ 37		3.2	3.2	1.2																																19	19		35
36/ 35		2.4	9.2	.8																																31	31		25
34/ 33		3.2	1.2																																	11	11		26
32/ 31		7.6	6.0	.4																																35	38		29
30/ 29		6.0	2.8																																	22	22		26
28/ 27		2.4	1.2																																	9	9		14
26/ 25			.4																																	1	1		2
24/ 23		.4	.4																																	2	2		1
22/ 21																																							1
18/ 15																																							1
TOTAL		31.1	46.6	17.5	3.2	1.2	.4																													251	264		251

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	1961415	22029	87.8	10.591	251							
Dry Bulb	398948	10102	38.3	6.865	264		24.5					90
Wet Bulb	346574	9208	36.7	6.025	251		26.2					90
Dew Point	310940	8712	34.7	5.849	251		35.5					90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,72  
 STATION STATION NAME YEARS

NOV  
 MONTH  
 PAGE 1 2100-2300  
 HOURS 111, 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wc	Bulb	Dew Point															
48/ 47			.9																														1	1				
46/ 45			.9	.9																														2	2	1		
44/ 43		.9	3.7																														5	5	4	2		
42/ 41		1.8	1.8	1.8																													6	2	5	7		
40/ 39		7.3	8.3		.9																												18	20	13	9		
38/ 37		3.5	6.4	2.8																													16	17	19	14		
36/ 35		3.7	.9																														5	5	7	12		
34/ 33		2.8	1.8																														5	5	8	5		
32/ 31		15.6	3.7																														21	23	18	21		
30/ 29		16.5	.9	.9																													20	20	22	25		
28/ 27		3.7	2.8																														7	7	6	4		
26/ 25		1.8	.9																														3	3	6	4		
24/ 23																																				5	5	
14/ 13																																				1	1	
TOTAL		59.6	33.0	6.4	.9																													109	117	109	109	

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$S_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	Total
Rel. Hum.	967327	10222	93.8	8.882	109							
Dry Bulb	146019	4089	34.9	3.181	117		40.8					90
Wet Bulb	128907	3711	34.0	4.871	109		42.9					90
Dew Point	121722	3598	33.0	5.231	109		49.5					90

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/4AC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

YEARS

DEC  
 MONTH

PAGE 1 0000-0200  
 HOURS LT. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. Dry Bulb	Wet Bulb Dew Point																
42/ 41		3.4																3	3																
40/ 39	1.1	2.3																3	3	6	2														
38/ 37																																			
36/ 35	1.1	3.4																4	4	3	4														
34/ 33	10.3	1.1																10	10	10	11														
32/ 31	19.5	1.1																18	18	18	19														
30/ 29	13.8	2.3																14	14	14	15														
28/ 27	5.7																	5	5	6	4														
26/ 25																					2														
20/ 19		4.6																4	4	1															
18/ 17	5.7	1.1																6	6	9															
16/ 15	2.3																	2	2	2	5														
14/ 13	2.3																	2	2	2	7														
12/ 11	3.4	2.3																3	5	3	2														
10/ 9	5.7	2.3																7	7	8	1														
8/ 7	4.6																	4	4	5	3														
6/ 5																					7														
4/ 3																					5														
TOTAL	75.9	24.1																87	87	87	87														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	757762	8090	92.0	7.986	87							
Dry Bulb	65902	2238	25.7	9.843	87		71.6					93
Wet Bulb	64541	2213	25.4	9.794	87		72.7					93
Dew Point	60794	2084	24.0	11.245	87		74.8					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PA

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500  
 HOURS U.S.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. Wet Bulb	W.B. Dry Bulb	Wet Bulb	Dew Point														
48/47		2.7																3	3																
46/45		1.8																2	2	3															
44/43																				2	5														
42/41	.9	1.8																3	3	2															
40/39		2.7																3	4	3	3														
38/37		1.8																2	5	3	3														
36/35	.9	1.0																12	12	4	2														
34/33	6.4	4.5																12	13	17	20														
32/31	13.6																	15	16	18	19														
30/29	11.8	2.7																16	18	13	12														
28/27	5.5																	6	6	9	7														
26/25	.9																	1	1	1	4														
22/21	.9	1.8																3	3	1															
20/19	1.8	2.7																5	5	5	1														
18/17																				2	2														
16/15	6.4	.9																8	8	7	1														
14/13	2.7																	3	2	4	11														
12/11	3.6	.9																3	5	4	4														
10/9	2.7	1.8																5	5	6	4														
8/7	5.5																	6	6	6	1														
6/5																				6	6														
4/3																				5	5														
TOTAL	63.6	36.4																110	119	110	110														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	948299	10183	92.6	7.25	110	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	104456	3308	27.8	10.292	119		59.4					93
Wet Bulb	89970	2942	26.7	10.175	110		64.3					93
Dew Point	84504	2788	25.3	11.269	110		65.1					93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 STATION    ANSBACH AAF GERMANY/KATTERRACH STATION NAME    46,65-72 YEARS

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
50/49		.3	.5	.3														7	7																
48/47		.6	.2															6	6	3	1														
46/45	.2	.3	.2															4	4	10	4														
44/43	.2	1.1	.6															12	12	4	8														
42/41	.5	1.7	.5	.5														20	20	11	7														
40/39	.3	2.1	.9															22	24	23	11														
38/37	.5	3.8	.8															33	37	20	21														
36/35	.8	4.2	.9															39	41	45	23														
34/33	2.7	10.2	.9															91	92	65	58														
32/31	5.2	7.1	.2															82	85	98	75														
30/29	5.9	5.3																74	75	89	91														
28/27	5.2	5.9																73	73	74	87														
26/25	3.2	1.5																31	32	47	47														
24/23	3.2	1.2																29	32	27	58														
22/21	1.2	3.0																28	28	25	19														
20/19	2.0	1.8																25	25	30	19														
18/17	1.1	2.0																20	20	21	25														
16/15	1.5	.3																12	12	16	16														
14/13	2.0	1.2																21	21	17	34														
12/11	.8	.9																11	11	13	17														
10/9	.6																	4	4	6	10														
8/7	1.4	.2																10	10	10	10														
6/5	.6																	4	4	4	10														
4/3	.2																	1	1	1	8														
<b>TOTAL</b>	<b>38.8</b>	<b>54.9</b>	<b>5.5</b>	<b>.8</b>														<b>659</b>	<b>676</b>	<b>659</b>	<b>659</b>														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5242401	58565	88.9	7.575	659							93
Dry Bulb	621235	19677	29.1	8.475	676		59.6					93
Wet Bulb	563289	18517	28.1	8.083	659		67.5					93
Dew Point	496277	17187	26.1	8.544	659		74.2					93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34172 AIRSBACH AAF GERMANY/KATTERBACH 46,65-72

YEARS

DEC

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

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	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point		
52/ 51				.1														1	1					
50/ 49		1.0		.3														9	9					
48/ 47			.4	.1														4	4		7			
46/ 45			1.3	.3														11	11		6	9		
44/ 43		.1	1.2	.7	.3													16	16		12	8		
42/ 41		.1	2.7	1.0	.4													29	29		16	8		
40/ 39		.4	2.8	.7														27	30		29	17		
38/ 37		.6	2.7	.7														27	29		31	26		
36/ 35		1.0	6.1	1.0														55	60		32	26		
34/ 33		2.7	9.0	.7														84	89		50	54		
32/ 31		3.7	8.7	.9														90	93		90	91		
30/ 29		4.6	7.5															62	83	104	86	86		
28/ 27		4.3	3.1															50	50		70	65		
26/ 25		3.0	2.7															38	40		40	68		
24/ 23		3.1	2.2															36	36		28	57		
22/ 21		1.2	3.4															31	31		30	29		
20/ 19		.6	2.1															18	19		24	18		
18/ 17		1.0	1.6															18	19		21	20		
16/ 15		1.3	.9															15	15		19	22		
14/ 13		.9	.7															11	11		11	22		
12/ 11		.7	.6															9	9		10	14		
10/ 9		.9	.1															7	7		8	9		
8/ 7		.7	.1															6	6		7	11		
6/ 5		.3																2	2		2	7		
4/ 3																						6		
2/ 1																						1		
0/ -1																						2		
TOTAL	31.46	1.1	6.4	1.2															676	699		676	676	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	5209886	59086	87.4	8.206	676							93
Dry Bulb	684439	21089	30.2	8.308	699		56.0					93
Wet Bulb	611144	19610	29.0	7.914	676		63.7					93
Dew Point	531965	18062	26.7	8.338	676			3	72.6			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

YEARS

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
54/53						.0																											4	4			
52/51						.2																											1	1			
50/49			.6	.3																													6	6			
48/47			.2	.3	.2	.2																											5	5	5		
46/45			1.2	.2	.3																												11	11	7	5	
44/43			1.7	1.7	.6																												26	26	11	5	
42/41			3.2	2.1	.3																												37	37	18	9	
40/39			1.5	1.5	.3																												22	24	26	18	
38/37	.2	4.0	1.2																														35	35	36	20	
36/35	.9	7.2	1.4																														64	67	47	38	
34/33	1.2	10.8	1.8	.2																													92	96	74	54	
32/31	3.7	8.2	1.4																														87	89	100	95	
30/29	2.9	7.0	.5																														68	68	82	86	
28/27	2.9	3.4	.5																														44	45	62	57	
26/25	2.6	3.6																															42	42	44	66	
24/23	1.5	3.0																															30	30	32	60	
22/21	.8	3.2	.2																														27	27	36	24	
20/19	.5	2.6	.2																														21	21	20	25	
18/17	.8	1.1																															12	12	15	30	
16/15	1.1	.3																															9	9	13	20	
14/13	.9	.5																															9	9	8	18	
12/11		.3																															2	2	4	8	
10/9	.2	.2																															2	2	3	3	
8/7																																				4	
6/5																																				10	
4/3																																				1	
TOTAL	20,064	.013	.1	2.0	.9																													656	668	656	656

Element (X)	Zx'	Zx	X	*x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4745944	55416	84.5	9.934	656							
Dry Bulb	708287	21147	31.7	7.630	656		49.6					93
Wet Bulb	626449	19743	30.1	7.049	656		59.8					93
Dew Point	527912	17918	27.3	7.667	656		71.9					93

USAFETAC FORM 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700  
HOURS 5

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
56/ 55										.2																								1	1			
54/ 53										.3																								2	2			
50/ 49			.3	.6																													6	6				
48/ 47		.3	.3	.3	.2																												7	7	7	2		
46/ 45			.6	.2																													5	5	7	4		
44/ 43		.3	1.9	.6	.5																												21	21	8	6		
42/ 41		.2	2.3	2.2	.3																												32	32	20	9		
40/ 39		.2	3.4	2.5																													39	41	20	17		
38/ 37		.3	4.3	1.2																														38	38	49	21	
36/ 35		.9	6.2	.9	.3																													54	55	55	39	
34/ 33	3.2	9.1	2.6	.2																														98	101	70	57	
32/ 31	4.3	7.1	1.1																															81	81	100	95	
30/ 29	3.1	5.6	.8																															61	63	79	83	
28/ 27	3.9	4.5	.2																															55	55	65	53	
26/ 25	2.8	3.1																																38	38	47	59	
24/ 23	1.7	4.0																																37	37	34	65	
22/ 21	.5	3.4	.5																															28	29	27	37	
20/ 19	.3	2.0																																15	15	16	22	
18/ 17	.5	.9																																9	10	22	21	
16/ 15	1.2	.8																																13	13	12	17	
14/ 13	.5	.3																																5	5	6	12	
12/ 11	.5																																	3	3	4	13	
10/ 9																																					9	9
8/ 7																																					5	5
6/ 5																																					2	2
TOTAL	24.5	60.0	13.6	1.4	.3	.2																													648	628	648	648
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel Hum.	4796344	55412	85.5	9.463	648	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																											
Dry Bulb	693353	20805	31.6	7.354	658		49.3					93																										
Wet Bulb	624208	19518	30.3	6.841	648		59.1					93																										
Dew Point	591219	17913	27.6	7.464	648		70.6					93																										

USAFETAC FORM NO. 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-66,68-70,72  
STATION STATION NAME YEARS

DEC  
MONTH

PAGE 1 1800-2000  
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
56/55						.3												1	1																		
54/53						.3												1	1																		
50/49			.3	.3														2	2																		
48/47			.7															2	2																	1	
46/45			.7	1.0														5	5																5	1	
44/43			.7															2	2																	5	3
42/41	1.0	.7	.7	.3														6	8																5	6	
40/39	.3	3.8	1.4															16	16																4	6	
38/37	1.7	4.5	1.0															21	21																19	11	
36/35	.3	3.1																10	10																20	10	
34/33	2.8	10.0	1.4															41	41																29	16	
32/31	10.2	7.2																51	51																57	67	
30/29	4.8	5.0																31	31																34	29	
28/27	3.1	3.4	.3															20	20																22	25	
26/25	2.4	2.4																14	14																18	24	
24/23	2.8	3.1																17	17																19	21	
22/21	3.1	.7																11	11																19	14	
20/19	1.7	1.0																8	8																8	14	
18/17		1.0																3	3																2	10	
16/15	1.7	1.0																8	8																8	3	
14/13	1.0	2.1																9	9																9	9	
12/11	1.0	1.0																6	6																5	2	
10/9	.3	.7																3	3																4	5	
8/7																																			1	7	
6/5																																					4
4/3																																					1
2/1																																					2
TOTAL	38.6	54.1	6.2	.3	.3	.3												290	290															290	290		

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	2271734	25530	38.0	9.153	290							
Dry Bulb	281878	8724	30.1	8.201	290		58.0					93
Wet Bulb	262387	8433	29.1	7.706	290		64.8					93
Dew Point	229704	7790	26.9	8.412	290		76.0					93

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172      ANSBACH AAF GERMANY/KATTERBACH      46,72  
STATION      STATION NAME      YEARS

DEC  
MONTH

PAGE 1      2100-2300  
HOURS      S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
44/43		2.2																	2	2	1														
42/41		1.1																	1	1	1	1													
40/39																					1	2													
38/37			7.7																7	7	2														
36/35	1.1		1.1																2	2	6	5													
34/33	4.4	4.4																	8	8	6	5													
32/31	22.0	4.4																	24	24	27	27													
30/29	9.9	2.2																	11	11	11	12													
28/27	1.1																		1	1	1	2													
26/25																						2													
24/23			1.1																1	1															
22/21	4.4	3.3																	7	7	5	4													
20/19	4.4																		4	4	7														
18/17	3.3																		3	3	3	4													
16/15	2.2																		2	2	2	4													
14/13		2.2																	2	2	1	3													
12/11	2.2	5.5																	7	7	6	2													
10/9	9.9																		9	9	11														
8/7																						10													
6/5																						6													
4/3																						2													
TOTAL	64.8	33.0	2.2																	91	91	91													

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	Nc. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	759899	8271	90.9	9.514	91							
Dry Bulb	70656	2384	26.2	9.545	91		72.6					93
Wet Bulb	63092	2340	25.7	9.381	91		75.6					93
Dew Point	62409	2159	23.8	10.909	91		79.7					93

USAFETAC FORM 10-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NAVY OFFICE 137A 76

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

STATION	STATION NAME												YEARS	
HRS IL ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	21,1	19,4	35,4	43,8	50,6	52,2	58,4	55,9	51,4	40,3	33,7	25,7	40,4
	S D	11,240	7,104	8,185	5,870	5,315	4,671	4,556	4,836	4,253	7,265	4,799	9,843	14,745
	TOTAL OBS	93	81	90	90	54	86	87	93	90	91	90	87	1032
03-05	MEAN	22,1	21,2	33,3	42,0	47,9	51,3	57,0	55,4	49,7	40,3	34,4	27,8	40,4
	S D	11,702	8,397	8,783	6,283	5,286	4,852	5,492	5,684	4,530	7,886	5,110	10,292	14,082
	TOTAL OBS	125	100	130	90	98	132	127	126	123	128	123	119	1421
06-08	MEAN	26,2	29,8	33,9	41,2	49,4	55,7	59,3	57,3	51,2	44,4	36,1	29,1	42,9
	S D	9,883	9,688	7,230	7,438	5,963	6,565	6,586	6,010	5,773	7,767	6,673	8,475	13,488
	TOTAL OBS	594	565	648	572	609	615	607	660	623	684	614	676	7467
09-11	MEAN	27,5	31,6	37,5	46,6	55,8	61,6	65,5	63,1	57,7	48,7	37,6	30,2	46,9
	S D	9,700	9,616	8,078	8,873	7,603	7,897	7,953	6,954	6,103	7,444	7,498	8,308	15,449
	TOTAL OBS	640	570	645	569	615	624	627	659	626	721	666	699	7661
12-14	MEAN	30,2	34,9	41,7	50,9	60,1	65,1	69,3	66,8	62,4	54,0	40,4	31,7	50,5
	S D	9,176	9,242	8,978	10,110	8,812	8,701	8,916	7,781	6,566	7,749	8,170	7,630	16,128
	TOTAL OBS	617	564	642	572	616	610	606	625	604	706	659	668	7489
15-17	MEAN	30,6	35,9	42,8	52,6	61,3	65,9	70,4	68,0	63,3	54,7	40,4	31,6	51,3
	S D	8,904	9,101	9,238	10,139	9,156	9,344	9,393	8,071	7,008	8,294	8,131	7,354	16,483
	TOTAL OBS	606	559	624	570	616	597	591	589	589	666	613	658	7278
18-20	MEAN	27,5	33,1	41,1	52,0	60,4	64,3	68,4	65,4	60,2	49,9	38,3	30,1	49,7
	S D	10,026	10,309	8,603	9,115	8,699	9,475	8,899	8,133	7,051	8,845	6,865	8,201	16,511
	TOTAL OBS	265	243	279	280	289	264	285	319	280	315	264	290	3373
21-23	MEAN	21,8	21,4	36,7	46,7	54,6	54,0	62,1	58,8	53,3	41,1	34,9	26,2	42,3
	S D	11,131	6,115	8,251	5,992	6,166	5,785	6,216	6,016	5,035	6,593	5,181	9,545	15,411
	TOTAL OBS	93	80	93	90	48	68	96	105	101	103	117	91	1085
ALL HOURS	MEAN	27,8	31,9	38,7	47,9	56,6	61,3	65,6	63,1	58,0	49,4	38,2	30,2	47,4
	S D	10,047	10,240	9,124	9,945	9,224	9,347	9,282	8,392	7,969	9,176	7,646	8,309	15,893
	TOTAL OBS	3033	2762	3151	2833	2943	2996	3026	3176	3036	3414	3146	3288	36806

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 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

STATION	STATION NAME	YEARS													
HRS (LST)			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN		20.9	19.2	34.6	42.0	46.2	50.1	56.6	54.4	50.5	39.7	33.4	25.4	38.9
	S D		11.067	7.165	7.890	5.399	3.733	4.169	4.228	3.850	4.006	7.306	4.515	9.794	14.149
	TOTAL OBS		93	81	90	90	45	53	87	93	90	88	90	87	987
03-05	MEAN		21.6	20.7	32.6	40.5	45.2	49.0	54.9	53.4	48.7	39.1	33.3	26.7	38.9
	S D		11.339	8.044	8.318	5.800	4.759	4.400	4.823	4.310	4.729	7.813	4.870	10.175	13.590
	TOTAL OBS		125	100	127	90	81	96	127	126	123	122	106	110	1335
06-08	MEAN		25.5	28.6	32.3	38.9	46.1	52.0	55.3	54.3	49.3	43.1	34.9	28.1	40.8
	S D		9.529	9.087	6.674	6.730	5.070	5.385	5.364	4.723	5.126	7.484	6.222	8.083	12.347
	TOTAL OBS		576	562	643	571	587	581	606	660	608	665	585	659	7303
09-11	MEAN		26.4	30.0	34.9	42.4	49.8	55.1	58.5	57.5	53.2	45.8	35.9	29.0	43.2
	S D		9.204	8.800	6.735	7.025	5.580	5.614	5.876	4.713	4.918	6.645	6.692	7.914	13.097
	TOTAL OBS		633	502	643	569	592	591	626	659	625	718	646	676	7540
12-14	MEAN		28.6	32.7	37.8	44.9	51.8	56.8	60.1	59.0	55.5	49.1	37.9	30.1	45.3
	S D		8.514	7.995	7.024	7.191	5.842	5.562	5.794	4.881	5.007	6.376	6.968	7.049	12.880
	TOTAL OBS		611	557	641	572	592	579	604	625	604	705	642	656	7388
15-17	MEAN		29.1	33.5	38.4	45.7	52.2	57.0	60.4	59.2	55.7	49.6	37.9	30.3	45.6
	S D		8.264	7.774	6.996	7.117	5.692	5.632	5.837	4.776	5.004	6.620	6.879	6.841	12.814
	TOTAL OBS		597	552	622	570	591	567	591	589	589	662	599	648	7177
18-20	MEAN		26.4	31.3	37.6	45.9	52.0	56.4	60.1	59.2	54.6	46.7	36.7	29.1	44.9
	S D		9.593	9.036	6.033	6.688	5.559	5.767	5.878	5.121	5.282	7.683	6.025	7.706	13.345
	TOTAL OBS		260	243	278	280	272	243	284	319	280	312	251	290	3312
21-23	MEAN		21.5	21.1	35.4	43.8	48.9	52.1	58.6	55.0	51.6	40.0	34.0	25.7	40.4
	S D		10.995	6.163	7.933	5.137	4.110	4.802	5.045	4.422	4.744	6.509	4.871	9.381	14.291
	TOTAL OBS		93	80	93	90	44	57	96	103	101	99	109	91	1058
ALL HOURS	MEAN		26.7	30.2	35.8	43.2	50.0	54.9	58.5	57.2	53.2	46.2	36.4	29.0	43.4
	S D		9.481	9.134	7.370	7.319	6.029	5.963	5.991	5.170	5.614	7.605	6.642	7.841	13.143
	TOTAL OBS		2988	2727	3127	2832	2804	2767	3021	3176	3020	3371	3028	3217	36098



DATA PROCESSING WKA 2h  
 USAF ETAC  
 AIR WEATHER SERVICE/VAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH: 46-47,65-72

STATION	STATION NAME	YEARS												
HRS. I. S. T.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	18.8	17.0	33.3	40.0	42.3	47.3	55.4	53.2	49.8	39.0	32.9	24.0	37.5
	S D	12.601	8.350	8.423	5.645	3.622	4.372	4.307	3.682	4.080	7.528	4.464	11.245	14.693
	TOTAL OBS	93	61	90	90	45	53	87	93	90	88	90	87	987
03-05	MEAN	19.4	18.2	31.0	38.9	43.3	47.5	53.3	52.0	47.7	38.2	32.9	25.3	37.4
	S D	12.521	9.126	9.035	5.874	4.861	4.775	5.046	3.960	3.419	6.032	4.829	11.269	14.063
	TOTAL OBS	125	100	127	90	81	96	127	126	123	122	106	110	1333
06-08	MEAN	23.2	26.1	29.7	36.0	43.0	49.0	52.4	52.1	47.4	41.6	33.1	26.1	38.4
	S D	10.389	9.510	7.033	7.127	5.402	5.480	5.638	4.778	5.410	7.950	6.437	8.544	12.477
	TOTAL OBS	576	562	643	571	587	581	606	660	608	665	585	659	7303
09-11	MEAN	23.7	27.0	31.1	37.8	44.7	50.2	53.7	53.6	49.7	43.1	33.5	26.7	39.6
	S D	10.087	9.158	6.701	6.954	5.871	5.673	6.223	4.865	5.297	7.173	6.797	8.538	12.725
	TOTAL OBS	633	562	643	560	592	591	626	659	625	718	646	676	7540
12-14	MEAN	25.5	29.1	32.8	38.8	45.2	50.9	54.1	53.7	50.3	44.7	34.8	27.3	40.5
	S D	9.520	7.966	6.932	7.037	6.216	5.378	5.882	5.281	5.718	7.187	6.940	7.667	12.225
	TOTAL OBS	611	557	641	572	592	579	604	625	604	705	642	656	7388
15-17	MEAN	26.0	29.7	32.9	38.7	44.9	50.7	53.9	53.4	50.0	45.0	34.8	27.6	40.5
	S D	9.233	7.740	6.842	7.321	5.929	5.321	6.077	4.992	5.659	7.161	6.867	7.464	11.972
	TOTAL OBS	597	552	622	570	591	567	591	589	589	662	599	648	7177
18-20	MEAN	23.5	28.2	33.1	39.8	45.1	50.9	54.0	53.4	50.3	43.8	34.7	26.9	40.7
	S D	10.838	8.942	6.092	7.340	5.843	5.345	6.321	4.965	5.641	7.794	5.849	8.412	12.670
	TOTAL OBS	260	243	278	280	272	243	284	319	280	312	251	290	3312
21-23	MEAN	19.3	19.0	33.4	40.7	43.8	50.9	56.4	53.3	50.1	38.9	33.0	23.8	38.4
	S D	12.292	7.353	8.384	5.647	4.121	4.567	5.200	4.203	5.151	6.803	5.231	10.909	14.510
	TOTAL OBS	93	80	93	90	44	57	96	105	101	99	109	91	1058
ALL HOURS	MEAN	23.9	27.1	31.8	38.2	44.4	50.2	53.7	53.2	49.4	43.2	34.0	26.7	39.7
	S D	10.385	9.207	7.228	7.126	5.838	5.419	5.956	4.920	5.585	7.656	6.570	8.463	12.632
	TOTAL OBS	2988	2737	3137	2832	2804	2767	3021	3176	3020	3371	3028	3217	36098

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERPACH

46-47,65-72

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.6	98.1	93.3	80.4	43.9	86.9	2988
FEB		100.0	100.0	100.0	100.0	99.3	96.1	89.4	76.0	37.9	85.1	2737
MAR		100.0	100.0	99.9	98.7	95.5	89.3	78.8	62.7	33.5	81.4	3137
APR		100.0	100.0	99.5	96.2	89.7	80.3	65.9	43.6	23.1	75.5	2832
MAY		100.0	100.0	99.6	94.2	83.6	69.2	53.3	29.9	13.8	70.0	2804
JUN		100.0	100.0	99.9	96.4	87.1	75.6	63.2	48.5	30.2	76.1	2767
JUL		100.0	100.0	99.8	96.5	86.9	73.9	59.7	42.1	20.2	73.5	3021
AUG		100.0	100.0	99.8	98.1	90.8	80.2	66.1	47.0	23.7	76.5	3176
SEP		100.0	100.0	100.0	99.3	95.1	84.9	72.6	54.8	33.1	79.9	3020
OCT		100.0	100.0	100.0	99.6	98.1	92.1	81.8	66.6	44.2	84.5	3371
NOV		100.0	100.0	100.0	100.0	99.5	97.6	91.8	80.2	55.2	88.9	3028
DEC		100.0	100.0	100.0	100.0	100.0	99.1	95.6	83.3	52.0	88.9	3217
TOTALS		100.0	100.0	99.9	98.3	93.8	86.4	76.0	59.6	34.2	80.6	35098





















DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172  
STATION

ANSBACH AAF GERMANY/KATTERBACH  
STATION NAME

46,65-72  
PERIOD

OCT  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.5	86.4	95.1	88
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.7	92.6	73.8	93.5	122
	06-08	100.0	100.0	100.0	100.0	99.8	99.2	95.5	84.5	52.3	89.4	665
	09-11	100.0	100.0	100.0	100.0	99.2	93.2	80.9	56.0	28.3	81.6	718
	12-14	100.0	100.0	99.9	98.7	94.0	76.3	54.6	32.5	10.2	72.3	705
	15-17	100.0	100.0	99.8	98.6	92.7	74.6	51.1	29.8	9.8	71.2	662
	18-20	100.0	100.0	100.0	99.7	99.0	93.6	80.8	53.2	24.7	80.8	312
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.9	89.9	67.7	92.4	99
TOTALS		100.0	100.0	100.0	99.6	98.1	92.1	81.8	66.8	44.2	84.5	3371

1  
 DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46,65-72

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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3	97.2	90
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	93.4	96.1	108
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	96.8	85.3	47.5	88.8	585
	09-11	100.0	100.0	100.0	100.0	99.2	97.5	90.6	74.0	34.8	85.4	646
	12-14	100.0	100.0	100.0	100.0	98.9	93.6	79.1	54.2	25.7	81.0	642
	15-17	100.0	100.0	100.0	99.8	96.2	92.7	79.3	58.8	25.7	81.2	599
	18-20	100.0	100.0	100.0	100.0	99.6	98.4	92.8	77.3	44.2	67.8	251
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	95.4	92.7	77.1	93.8	109
TOTALS		100.0	100.0	100.0	100.0	99.5	97.6	91.8	80.2	55.2	88.9	3028

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 AINSBACH AAF GERMANY/KATTERBACH

46,65-72

DEC

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%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	87.4	73.6	93.0	87
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	91.8	73.6	92.6	110
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	86.9	46.1	88.9	639
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	96.2	83.0	41.9	87.4	676
	12-14	100.0	100.0	100.0	100.0	100.0	97.1	91.6	72.3	31.6	84.5	656
	15-17	100.0	100.0	100.0	100.0	100.0	98.1	91.4	75.9	35.0	85.5	648
	18-20	100.0	100.0	100.0	100.0	99.7	99.3	96.8	84.1	46.6	83.0	290
	21-23	100.0	100.0	100.0	100.0	100.0	98.9	93.4	84.6	65.9	90.9	91
TOTALS		100.0	100.0	100.0	100.0	100.0	99.1	95.6	83.3	52.0	88.9	3217

U S AIR FORCE  
 ENVIRONMENTAL TECHNICAL  
 APPLICATIONS CENTER

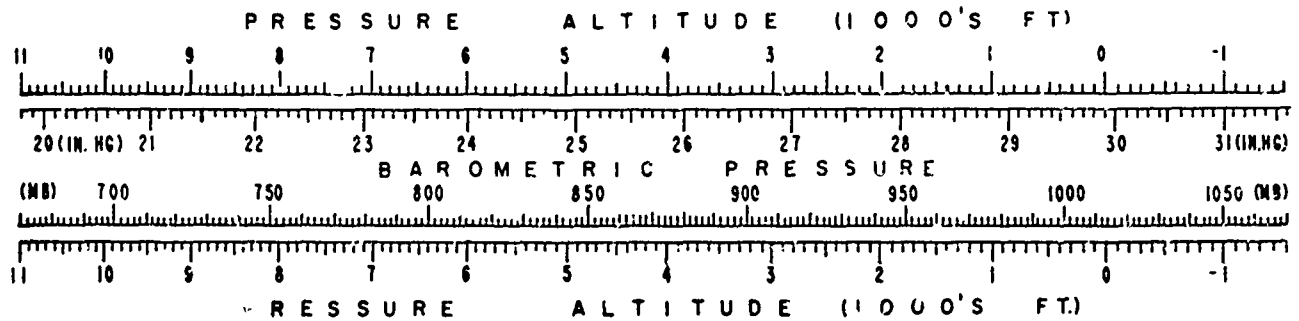
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

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

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72  
 STATION YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28,414	28,108	28,126	28,496	28,348	28,411	28,502	28,384	28,457	28,439	28,320	28,367	28,367
	S D	,194	,209	,211	,265	,101	,140	,135	,105	,154	,156	,271	,264	,228
	TOTAL OBS	31	27	30	30	18	29	29	31	30	30	30	29	344
04	MEAN	28,380	28,229	28,137	28,483	28,324	28,340	28,477	28,373	28,443	28,508	28,250	28,453	28,363
	S D	,277	,301	,231	,262	,177	,164	,126	,105	,236	,220	,313	,268	,254
	TOTAL OBS	46	27	48	30	38	50	47	42	40	46	46	42	512
07	MEAN	28,319	28,209	28,290	28,329	28,350	28,415	28,471	28,389	28,453	28,462	28,305	28,342	28,363
	S D	,286	,287	,275	,261	,186	,161	,151	,148	,179	,236	,304	,332	,253
	TOTAL OBS	194	189	212	186	202	206	206	219	209	219	197	227	2466
10	MEAN	28,336	28,221	28,304	28,340	28,337	28,425	28,477	28,406	28,474	28,493	28,317	28,362	28,379
	S D	,279	,279	,272	,261	,183	,197	,148	,151	,179	,232	,304	,333	,254
	TOTAL OBS	212	185	207	188	203	209	210	220	211	245	222	231	2543
13	MEAN	28,329	28,215	28,292	28,333	28,346	28,414	28,465	28,393	28,455	28,474	28,305	28,330	28,364
	S D	,295	,281	,282	,259	,181	,181	,155	,145	,178	,229	,299	,329	,254
	TOTAL OBS	203	186	205	186	203	199	200	207	195	232	220	217	2433
16	MEAN	28,338	28,208	28,277	28,318	28,327	28,387	28,450	28,372	28,444	28,446	28,289	28,338	28,351
	S D	,313	,280	,275	,254	,184	,154	,149	,140	,181	,233	,300	,342	,254
	TOTAL OBS	211	187	202	184	204	206	200	200	204	231	217	219	2465
19	MEAN	28,377	28,115	28,276	28,358	28,337	28,387	28,402	28,390	28,464	28,349	28,354	28,359	28,350
	S D	,238	,241	,284	,293	,154	,126	,137	,129	,136	,215	,286	,339	,236
	TOTAL OBS	60	55	61	59	68	56	63	78	63	73	44	72	752
22	MEAN	28,419	28,093	28,140	28,509	28,362	28,447	28,484	28,381	28,460	28,428	28,347	28,367	28,369
	S D	,193	,209	,215	,257	,105	,133	,126	,100	,160	,162	,267	,254	,230
	TOTAL OBS	31	27	31	29	15	20	29	31	30	31	41	31	346
ALL HOURS	MEAN	28,341	28,201	28,273	28,349	28,344	28,409	28,464	28,389	28,457	28,461	28,306	28,350	28,354
	S D	,265	,278	,275	,265	,179	,171	,148	,141	,178	,230	,299	,328	,251
	TOTAL OBS	988	893	998	892	951	975	984	1028	982	1107	1017	1068	11881



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## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-67,71

MRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020,5	1009,8	1008,4	1020,4	1014,2	1016,4	1018,9	1015,0	1018,1	1019,0	1015,6	1018,5	1016,4
	S D	6,759	7,909	8,184	9,518	3,712	5,017	4,891	3,928	5,695	5,879	9,598	10,143	8,006
	TOTAL OBS	31	27	30	30	18	29	29	31	30	30	30	29	344
04	MEAN	1020,4	1010,4	1009,1	1019,9	1012,8	1016,4	1018,5	1014,7	1017,8	1020,1	1012,7	1018,8	1015,9
	S D	6,900	8,413	8,065	9,475	5,748	4,894	4,870	3,890	5,654	6,943	11,223	10,183	8,448
	TOTAL OBS	31	29	29	30	38	29	29	31	30	37	47	30	390
07	MEAN	1020,8	1014,0	1014,0	1017,9	1013,6	1018,1	1017,7	1016,1	1017,5	1016,0	1016,4	1016,2	1016,5
	S D	6,300	11,275	10,017	9,002	6,149	4,883	4,700	4,357	5,281	7,973	10,847	11,247	8,256
	TOTAL OBS	61	57	61	60	70	60	74	93	89	98	102	88	913
10	MEAN	1021,3	1015,2	1014,6	1018,2	1013,8	1018,4	1017,7	1016,4	1018,1	1017,3	1016,5	1016,7	1017,0
	S D	6,164	10,469	10,109	9,013	6,053	4,892	4,694	4,162	5,079	8,274	11,291	11,047	8,227
	TOTAL OBS	62	55	61	60	70	60	74	93	89	100	104	89	917
13	MEAN	1020,8	1014,2	1014,3	1017,7	1013,4	1017,9	1017,2	1016,0	1017,5	1015,8	1016,7	1015,9	1016,4
	S D	6,247	10,476	9,768	8,915	5,960	4,990	4,553	4,170	5,192	8,003	11,178	11,194	8,147
	TOTAL OBS	62	57	61	60	71	60	74	94	88	96	102	83	908
16	MEAN	1020,6	1014,0	1013,5	1017,0	1012,7	1017,6	1016,6	1015,4	1016,8	1015,1	1015,9	1015,5	1015,8
	S D	6,411	10,044	9,649	8,730	5,865	4,854	4,486	4,092	5,277	7,644	10,799	11,356	8,020
	TOTAL OBS	62	57	61	60	71	60	74	93	88	96	99	82	903
19	MEAN	1020,7	1009,2	1009,0	1020,1	1012,2	1016,3	1015,8	1014,4	1015,5	1014,7	1015,8	1018,3	1015,5
	S D	6,664	7,894	8,432	9,052	5,439	5,088	4,857	4,085	5,149	7,422	9,529	9,861	7,557
	TOTAL OBS	31	27	30	30	39	30	44	22	31	61	30	30	465
22	MEAN	1021,1	1009,4	1009,1	1020,7	1014,8	1018,0	1018,0	1015,1	1018,4	1019,2	1015,9	1018,7	1016,6
	S D	6,579	7,761	8,407	9,189	3,902	4,305	4,604	3,546	5,923	5,844	9,622	9,985	8,045
	TOTAL OBS	31	27	31	30	15	20	29	31	30	30	30	30	334
ALL HOURS	MEAN	1020,8	1012,8	1012,4	1018,0	1013,3	1017,6	1017,4	1015,6	1017,6	1016,3	1016,0	1016,7	1016,3
	S D	6,377	9,959	9,627	9,052	5,763	4,905	4,711	4,134	5,294	7,786	10,815	10,901	8,123
	TOTAL OBS	371	336	364	360	392	348	427	528	495	548	544	461	5174

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