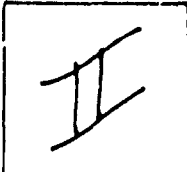


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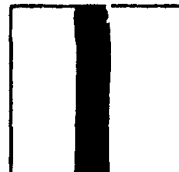


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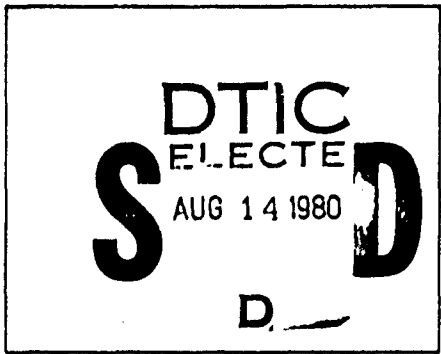
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USAFETAC/DS-40/059

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WIESBADEN AB GERMANY WBAN# 35010
N 50 03 E 008 20 ELEV 470 FT. EDAW WMO# 10633

PARTS A-F

FOR FROM HOURLY OBS MAR 46-DEC 70
FOR FROM DAILY OBS MAR 46-DEC 70

AUG 16 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-80/59	2 GOVT ACCESSION NO	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Weisbaden AB, Germany		5 TYPE OF REPORT & PERIOD COVERED Final rept.
		6 PERFORMING ORG REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 16 Aug 72
		13 NUMBER OF PAGES
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15 SECURITY CLASS (of this report) UNCLASSIFIED
		15a SECURITY CLASSIFICATION DOWNGRADING SCHEDULE
16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure 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 Weisbaden AB, Germany It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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

*Germany **Weisbaden AB, Germany

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

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USAFETAC OL-1
AIR WEATHER SERVICE (WAC)

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 _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION ID OR PRIMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	SCALE	WIND METER
35010	WEISBADEN AB GERMANY	N 50 03	E 008 20	470	EDAW	10635

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE SEA LEVEL		DRE PER DAY
			FROM	TO			STATION (FT)	WIND METER	
1	Weisbaden AAB Germany	AAB	Mar 46	May 47	N 50 03	W 008 20	476	468 ft.	24
2	Same	Same	Jun 47	Mar 53	Same	Same	Same	456 ft.	24
3	Same	AB	Apr 53	Feb 55	Same	Same	470	Same	24
4	Same	Same	Mar 55	Feb 57	Same	Same	468	468 ft.	24
5	Same	Same	Mar 57	Feb 62	Same	Same	468	482 ft.	24
6	Same	Same	Mar 62	Dec 70	Same	Same	470	482 ft.	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 46 to Aug 48	Located on 2nd floor E end of operations bldg.	Anemometer	N/A	60 ft.	
2	Sep 48 to Mar 53	Not available.	Same	N/A	N/A	
3	Apr 53 to Mar 54	Located on roof of base operations bldg.	AN/GM-1	None	41 ft.	
4	Apr 54 to Feb 55	Same	Same	None	Same	
5	Mar 55 to Feb 57	Same	Same	ML204B	22 ft.	

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
6	Mar 57 to Feb 59	Same	Same	Same	34 ft.	
7	Mar 59 to Feb 62	Same	Same	Same	50 ft.	
8	Mar 62 to Feb 65	Located 300 yds N. of Rwy 26.	AN/GHQ-1	RO-2	13 ft.	
9	Mar 65 to Feb 69	Located 500 ft N of centerline, and 1042 ft from end of rwy 26.	Same	Same	Same	
10	Mar 69 to Dec 70	1. Same 2. Located 535 ft S of centerline, and 630 ft from end of rwy 08.	Same Same	Same	Same Same	

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ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

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

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

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Blowing 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 DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010 WIESBADEN AB GERMANY 46-70 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		11.7	.7	8.0		20.0	29.3	38.5	.0		62.8	17851
FEB		.0	10.0	.1	8.0	.0	17.7	23.2	38.8			58.6	16269
MAR		.0	9.6	.0	3.0		12.3	11.3	40.6			49.3	18593
APR		.2	11.5		.4	.0	11.8	5.2	23.9			29.2	17986
MAY		.8	9.8		.0	.0	9.9	4.5	15.6			21.9	18597
JUN		1.0	9.0			.0	9.0	6.5	19.4		.0	24.0	17993
JUL		1.1	7.6			.0	7.6	5.8	20.5			24.6	18570
AUG		.9	8.7			.0	8.7	8.3	20.2			26.5	18462
SEP		.3	8.4				8.4	16.2	29.5			41.9	17726
OCT		.0	10.0		.1		10.0	29.0	36.3			59.1	18574
NOV		.0	14.5	.1	2.3		16.4	32.0	37.2		.0	62.6	17967
DEC			13.4	.7	6.8	.0	20.3	36.3	36.1	.0		67.2	16597
TOTALS		.4	10.4	.1	2.4	.0	12.7	17.3	30.1	.0	.0	44.1	217185

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 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010

IESGADEL AB GERMANY

67-70

JAN

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	SLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02		11,0	.9	6,5		16,0	28,8	33,5	.0		37,4	2230
	03-05		11,4	1,2	5,3		20,1	32,5	30,0			57,0	2232
	06-08		12,9	1,0	10,1		23,5	34,1	32,5			62,2	2232
	09-11		11,7	.5	9,5		21,8	35,2	41,8	.0		71,0	2231
	12-14		11,2	.4	8,8		19,6	27,4	45,6			68,4	2232
	15-17		11,2	.2	7,2		18,0	24,8	44,4			64,2	2232
	18-20		12,4	.7	7,5		20,2	24,8	42,5	.0		62,9	2231
	21-23		11,8	.9	6,1		18,4	26,4	37,6			59,3	2231
TOTALS			11,7	.7	6,0		20,0	29,3	38,5	.0		62,5	17851

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 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010 NIESWADEN AB GERMANY 47-70 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		10,9	.0	8,4		18,6	24,3	34,3			55,4	2034
	03-05		9,9	.2	7,8		17,4	28,6	31,4			55,9	2034
	06-08		10,3	.3	8,1		18,0	32,7	34,1			61,2	2034
	09-11		9,4	.3	10,3		19,3	30,5	43,5			67,7	2034
	12-14		9,4	.2	7,9		17,2	20,0	44,3			60,4	2033
	15-17	.0	10,5	.0	6,7	.0	17,0	14,8	42,4			53,0	2032
	18-20		10,3	.0	6,9		16,9	17,4	42,2			57,7	2034
	21-23		9,6		7,5		16,8	19,6	38,3			53,7	2034
TOTALS		.0	10,0	.1	8,0	.0	17,7	23,5	38,8			58,6	16269

1
 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010

WESSBADEN AB GERMANY

46-70

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		9,1		2,5		11,4	10,8	34,7			43,2	2322
	03-05		9,7		3,5		12,9	15,9	35,3			47,5	2325
	06-08		10,3	,0	4,2		14,2	23,0	43,4			59,6	2324
	09-11		9,5	,1	3,7		13,2	16,7	51,7			64,0	2325
	12-14	,0	9,6		3,0		12,5	7,1	46,4			52,5	2325
	15-17	,1	9,7		2,5		12,0	4,5	38,3			41,9	2325
	18-20	,1	9,7		2,2		11,6	5,8	39,6			44,0	2325
	21-23		9,0		2,1		10,9	6,8	33,7			41,4	2322
TOTALS		,0	9,6	,0	3,0		12,3	11,3	40,6			49,3	18593

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	11.2		.3		11.4	4.8	20.8			23.5	2250
	03-05	.0	10.0		.6		10.5	8.5	25.0			30.1	2250
	06-08		12.0		.7	.0	12.5	14.1	37.4			43.9	2246
	09-11	.1	12.4		.4	.0	12.7	7.0	42.5			47.0	2247
	12-14	.1	11.2		.4	.0	11.4	2.0	26.0			27.3	2246
	15-17	.0	11.7		.3	.0	12.0	1.5	17.3			18.6	2250
	18-20	.0	11.3		.1		11.4	1.0	19.4			20.7	2250
	21-23	.1	11.9		.2		12.1	2.4	18.8			20.2	2247
TOTALS		.2	11.5		.4	.0	11.8	5.2	25.9			29.2	17986

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010 WIESBADEN AB GERMANY 46-70 MAY
 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	.7	9.5				9.5	3.8	13.9			16.9	2325
	03-05	.4	10.6				10.6	10.1	21.8			29.1	2324
	06-08	.2	10.7				10.7	12.3	33.5			41.8	2324
	09-11	.1	10.3				10.3	4.7	30.3			34.2	2325
	12-14	.9	9.2		.1	.0	9.3	1.5	16.8			17.9	2325
	15-17	1.4	8.7			.0	8.7	.6	9.8			10.3	2325
	18-20	1.4	10.1			.0	10.1	1.1	10.2			11.1	2325
	21-23	1.2	9.6				9.6	1.8	12.0			13.5	2324
TOTALS		.5	9.8		.0	.0	9.9	4.5	18.6			21.9	18597

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010 WIESBADEN AB GERMANY 46-70 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	.5	8.0				8.0	6.7	13.8			18.8	2249
	03-05	.4	8.0				8.0	14.4	21.2			31.3	2250
	06-08	.2	8.4				8.4	16.5	34.0			45.3	2250
	09-11	.4	8.7				8.7	5.0	32.9			36.7	2250
	12-14	1.0	9.5				9.3	1.2	17.8			18.6	2250
	15-17	2.2	10.3			.0	10.3	1.0	11.2			11.9	2249
	18-20	1.9	10.1				10.1	1.9	10.2			11.6	2249
	21-23	1.5	9.4			.0	9.4	4.9	14.0		.0	17.7	2249
TOTALS		1.0	9.0			.0	9.0	6.5	19.4		.0	24.0	17993

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/WAC

WEATHER CONDITIONS

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

JUL
 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
JUL	00-02	.8	5.5				5.5	5.1	14.0			18.0	2315
	03-05	.8	6.5				6.5	13.5	23.3			33.2	2318
	06-08	.6	8.4				8.4	16.8	38.2			49.5	2322
	09-11	.2	7.2				7.2	4.2	35.7			38.6	2325
	12-14	.9	8.5				8.5	1.2	17.1			17.8	2325
	15-17	1.6	9.5			.0	9.5	1.0	10.5			11.0	2325
	18-20	2.0	8.1				8.1	1.6	10.9			12.4	2320
	21-23	1.6	6.9				6.9	2.7	14.0			16.1	2320
TOTALS		1.1	7.6			.0	7.6	5.8	20.5			24.6	18570

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/VAC

WEATHER CONDITIONS

35010 WIESBADEN AB GERMANY 46-70 AUG
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISIGN	TOTAL NO. OF OBS
AUG	00-02	1.2	8.8				8.8	7.5	14.3			20.8	2281
	03-05	1.0	8.8				8.8	16.9	20.3			33.1	2294
	06-08	.5	9.3				9.3	24.2	35.0			51.0	2324
	09-11		8.3				8.3	8.6	36.7			43.6	2324
	12-14	.4	8.0			.0	8.0	1.7	20.6			22.2	2325
	15-17	1.5	9.0				9.0	1.2	10.9			12.0	2325
	18-20	1.3	8.4			.0	8.4	1.9	11.5			13.3	2310
	21-23	1.3	9.0			.0	9.0	3.9	12.2			15.6	2279
TOTALS		.9	8.7			.0	8.7	8.3	20.2			26.5	18462

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/WAC

WEATHER CONDITIONS

35010 AIESBADEN AB GERMANY 46-70 SEP
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.4	7.7				7.7	17.1	22.8			35.4	2159
	03-05	.3	5.5				9.5	27.7	24.3			46.9	2190
	06-08	.1	9.0				9.0	39.4	33.3			63.1	2250
	09-11	.1	8.3				8.3	20.8	44.0			59.8	2249
	12-14	.2	7.9				7.9	6.2	35.6			40.3	2249
	15-17	.4	8.4				8.4	3.5	25.7			28.6	2250
	18-20	.6	8.5				8.5	5.0	26.8			30.6	2220
	21-23	.2	8.0				8.0	9.9	23.2			30.7	2159
TOTALS		.3	8.4				8.4	16.2	29.5			41.9	17726

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

35010
 STATION

RIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02	.0	10.2				10.2	30.9	30.0			55.2	2316
	03-05	.0	10.0		.1		10.1	40.6	28.8			61.4	2319
	06-08		10.3		.2		10.5	48.7	31.4			70.0	2325
	09-11		10.5		.2		10.9	37.4	40.7			70.4	2325
	12-14	.0	8.6		.0		9.7	20.0	45.7			60.4	2325
	15-17		10.2		.0		10.2	13.9	38.8			49.2	2324
	18-20		8.4				8.4	17.5	40.5			53.6	2323
	21-23	.0	10.2				10.2	23.0	34.4			52.2	2317
TOTALS		.0	10.0		.1		10.0	29.0	36.3			59.1	18574

DATA PROCESSING DIVISION
 JSAP ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35010 WIESBADEN AB GERMANY 46-70 12V
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
NOV	00-02		14,6	.1	2,1		16,3	33,0	31,5			59,6	2249
	03-05		13,6	.1	2,3		15,5	38,5	29,1			61,6	2244
	06-08		15,3	.0	2,3		17,1	41,9	30,8			65,5	2246
	09-11		15,5	.0	2,1		17,4	39,6	39,9			71,8	2245
	12-14	.0	12,9	.1	2,0		14,7	28,3	43,3			65,9	2246
	15-17		13,4	.1	1,6		14,8	22,9	43,0		.0	62,9	2243
	18-20		14,5	.2	2,7		16,6	24,3	41,1			61,5	2248
	21-23		16,4	.2	2,9		18,7	27,7	36,6		.0	59,8	2246
TOTALS		.0	14,5	.1	2,3		16,4	32,0	37,2		.0	63,6	17967

1
 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35010 AIESBADEN AB GERMANY 46-70 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	HALE	% 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		14.0	.5	6.7		20.5	35.7	33.0			64.7	2325
	03-05		13.1	.8	6.1		19.6	38.3	31.4			64.0	2325
	06-08		14.2	1.3	9.2		23.7	39.3	31.1			64.6	2325
	09-11		13.2	1.1	8.0		21.9	39.0	38.8	.0		72.9	2324
	12-14		12.0	.3	7.0		18.8	35.1	40.1	.0		70.7	2325
	15-17		12.6	.3	4.9		17.1	33.7	40.5	.1		69.1	2324
	18-20		13.6	.7	6.0		19.7	33.7	38.2			66.5	2325
	21-23		14.4	.7	6.3	.0	20.7	34.3	35.9			65.3	2324
TOTALS			13.4	.7	6.8	.0	20.3	36.3	36.1	.0		67.2	18597

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms 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 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 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WEAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ AC

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

35010 WISBA 5 AB 367-A 46-70 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY 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	DAILY	.1	46.6	5.5	36.4		71.0	60.3	81.6	.3		91.5	744
FEB		.7	42.2	1.2	34.2	.9	64.6	55.3	81.9	.1		89.2	678
MAR		1.3	29.6	.4	15.3	.5	52.8	39.4	34.0			86.2	775
APR		5.2	53.7		5.9	2.0	59.3	26.5	70.4			72.8	750
MAY		13.3	49.8		.5	1.4	55.6	24.5	64.0			66.3	775
JUN		16.0	46.2			.7	52.6	34.2	64.1			66.6	749
JUL		16.5	46.1			.8	52.3	31.6	70.3			74.5	775
AUG		14.5	53.0			.9	55.8	43.0	68.6			74.1	760
SEP		5.0	44.2				49.4	60.3	81.0			85.6	720
OCT		1.0	42.7		.4	.3	46.1	67.4	82.8			91.1	772
NOV		.1	56.3	.5	12.6		67.7	67.8	79.9		.1	84.4	737
DEC		.3	50.1	4.6	33.4	.5	72.3	67.6	77.3	.4		93.7	775
TOTALS		6.2	47.3	1.0	11.6	.7	58.5	48.2	75.5	.1	.0	82.0	9010

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

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL* DATA NOT AVAILABLE	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

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

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

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 FROM DAILY OBSERVATIONS:

35010 WIESBADEN AB GERMANY
 STATION

46-73

YEARS

PRECIP	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01.0	02.0	03.0	04.0	05.0	06.0	07.0	08.0	09.0	10.0	11.0	12.0	OVER 20.0			MEAN	GREATEST	LEAST
JAN	29.6	26.1	5.0	14.0	10.1	10.1	3.5	.7	.3							44.3	713	1.51	3.20	.36
FEB	34.3	25.5	4.6	10.9	9.2	10.3	4.6	.5								40.2	650	1.31	2.77	.02
MAR	45.2	22.2	4.2	10.9	7.0	6.6	3.1	.9								32.7	744	1.20	2.48	.11
APR	37.9	22.9	5.3	11.0	8.8	9.6	4.0	.6								39.2	720	1.23	2.16	.29
MAY	41.4	20.7	4.0	11.8	6.2	8.2	6.0	1.6								37.9	744	1.69	4.00	.38
JUN	46.4	15.2	4.0	9.0	6.1	9.7	5.3	2.6	.4							37.4	720	2.04	4.64	.35
JUL	48.0	16.7	3.9	8.4	4.9	9.8	5.3	2.4	.6							35.3	713	2.03	3.57	.55
AUG	42.9	16.9	4.4	9.3	5.4	11.7	5.9	2.7	.8							40.2	744	2.47	7.50	.10
SEP	49.9	15.5	3.5	9.5	5.6	9.5	4.8	1.6	.3							34.7	750	1.84	4.23	.01
OCT	30.8	16.4	5.7	9.3	5.3	7.0	4.5	.6	.4							32.8	775	1.41	3.54	.26
NOV	32.2	24.2	5.1	13.5	9.6	9.6	4.0	1.3	.6							45.6	720	1.73	5.24	.21
DEC	27.4	27.2	5.0	15.1	8.1	10.3	5.3	1.4	.1							45.4	775	1.78	3.49	.13
ANNUAL	40.5	20.9	4.6	11.1	7.2	9.3	4.7	1.4	.3							38.6	8768	2.04		

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 ETAC
 WEATHER SERVICE/AC

EXTREME VALUES

PRECIPITATION
 (NO. OF HOURS)

WIESBADEN AB GERMANY

40-70

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
46						.79	.34	.46	.37	.45	1.32	.39	
47	1.27					.10	.80	.25	.36	.19	.72	1.40	
48	.48	.45	.21	.45	.94	.36	1.31	.81	.22	.40	.44	.09	1.31
49	.29	.13	.51	.55	.55	.23	.50	.47	.39	1.21	.54	.91	1.31
50	1.31	.30	.09	.35	.70	.63	1.28	.69	.72	.19	1.21	.59	1.31
51	.58	.14	.54	.23	.87	.63	.92	.89	.47	.92	1.17	.93	1.17
52	.25	.40	.48	.35	.17	.40	1.38	1.00	.67	.44	.87	.45	1.38
53	.13	.22	.04	.34	.37	.48	.51	.22	.33	1.55	.13	.37	1.55
54	.23	.26	.09	.32	.50	.36	.44	.51	1.00	.98	.17	.72	1.00
55	.44	.46	.29	.12	.57	.83	.96	1.47	.38	.49	.32	.73	1.47
56	.55	.35	.74	.68	.53	1.06	.47	.52	.30	.50	.32	.22	1.06
57	.39	.52	.91	.29	.28	.34	.66	.32	1.11	.48	.19	.25	1.11
58	.66	.63	.21	.10	.54	.65	.27	1.21	.62	.43	.34	.41	1.21
59	.40	.02	.36	.19	.36	.30	.37	.61	.01	.40	.22	.33	.61
60	.21	.33	.35	.10	.45	.24	.56	1.28	.36	.51	.40	.28	1.28
61	.23	.15	.12	.74	.41	2.31	1.05	.57	.35	.23	.38	.20	2.31
62	.34	.49	.56	.32	.37	.42	.90	.39	.12	.90	.90	.46	.90
63	.33	.24	.74	.17	.10	.48	.41	1.09	.27	.76	.45	.08	1.09
64	.17	.26	.25	.50	.26	.23	.65	.21	.72	.91	.64	.70	.91
65	.31	.11	.39	.30	.41	1.16		.42		.19		.62	1.16
66	.35	.30	.18	.34	.35	.85	.70	1.03	.13	1.19	.40	.51	1.19
67	.11	.27	.44	.43	.54		.28	.47	1.83	.71	.51	.40	1.83
68	.41	.36	.28	.31	.39	.68	.52	1.66	.55	.28	.13	.33	1.66
69	.10	.53	.50	.36	.51	.45	.99	.63	.17	.13	.35	.32	.99
70		.43	.38	.39	.44	.93	.62	.26	.32	.39	.19	.22	.93
MEAN	.41	.33	.39	.34	.45	.64	.71	.72	.51	.50	.53	.47	1.26
S.D.	.293	.181	.229	.177	.219	.437	.328	.416	.372	.358	.338	.286	.351
TOTAL OBS	713	650	744	720	744	720	713	744	750	775	720	775	8768

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

35010 IESSALEN 46 GERMANY
(STATION NAME)

46-70

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46			TRACE	TRACE	.09								PRECIP
			28	28	27								DAYS
47		.22											PRECIP
		27											DAYS
52							.31						PRECIP
							29						DAYS
65							1.05				.43		PRECIP
							22	0			29		DAYS
67						.10							PRECIP
						29							DAYS
70	.67												PRECIP
	28												DAYS
MEAN													
S.D.													
TOTAL OBS.													

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 FROM DAILY OBSERVATIONS

35019 WISSAHE AB GERMANY
 STATION NAME

46-70

MONTH	AMOUNTS INCHES												PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			MEAN	MAX	MIN
JAN	64.3	19.5	6.2	0.0	1.7	.0	.0						13.7	651	4.3	18.3	.4
FEB	66.9	18.0	5.5	6.8	1.1	.3	.3	.5					14.5	650	3.7	17.2	.0
MAR	33.1	12.4	2.2	1.4	.0	.1	.1						4.5	775	1.1	8.5	.0
APR	93.0	5.7	.3	.6									.7	750	.1	1.7	.0
MAY	99.7	.3												775	TRACE	TRACE	.0
JUN	100.0													720	.0	.0	.0
JUL	100.0													775	.0	.0	.0
AUG	100.0													775	.0	.0	.0
SEP	100.0													750	.0	.0	.0
OCT	99.5	.4	.1										.1	775	TRACE	.1	.0
NOV	87.3	8.5	2.1	1.7	.1		.1						4.1	750	.8	6.8	.0
DEC	66.3	21.2	4.9	4.4	1.8	.8	.3	.4					12.5	775	4.1	14.9	TRACE
ANNUAL	88.4	7.2	1.8	1.7	.4	.2	.1	.1					4.3	8921	14.1		

OFFICE OF THE
 ETAC
 WEATHER SERVICE

EXTREME VALUES

SNOWFALL

INCL. AD. AB. GERMANY

48-70

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
46			TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3		
47	2.7		.5	.0	.0	.0	.0	.0	.0	.0	.7	2.2		
48	2.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	
49	.3	.5	1.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.4	1.5	
50	1.3	.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	3.0	5.0	
51	1.2	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	
52	1.5	2.0	1.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.0	1.9	2.0	
53	.2	2.8	.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	
54	2.3	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.5	2.3	
55	1.9	4.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.2	4.6	
56	3.6	3.5	.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9	3.6	
57	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4	1.4	
58	2.0	4.0	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.6	
59	3.3	.2	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.3	
60	1.0	1.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4	
61	2.3	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.3	
62	.4	1.8	1.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	4.3	4.3	
63	3.3	2.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	3.3	
64	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0	
65		.9	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	1.2	4.0	
66	.2	.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5	1.5	
67		.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	5.0	
68	4.0	2.1	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.5	4.0	
69	1.0	3.3	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.2	2.9	5.3
70		1.4	3.6	.2	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.7	
MEAN	1.77	1.92	.91	.10	TRACE	.00	.00	.00	.00	.00	.42	1.98	3.12	
S D	1.141	1.581	.901	.397	.000	.000	.000	.000	.000	.020	.926	1.607	1.353	
TOTAL OBS.	65	650	775	750	775	780	775	775	750	775	750	775	8921	

SAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATIONS

35010 WIESBADEN AB GERMANY
STATION STATION NAME

40-70

YEARS

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

YEAR	MONTH												ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
47		1.3												SNOWFALL
63		27												DAYS
67	0													SNOWFALL
70	30	.9				29	.0							DAYS
	6.1													SNOWFALL
	28													DAYS
MEAN														
S. D.														
TOTAL OBS.														

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
FROM DAILY OBSERVATIONS

55010 HIRSBAUER AB GERMANY
STATION

66-70
YEARS

PRECIP	AMOUNTS INCHES												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF CBS	MONTHLY AMOUNTS INCHES				
	NONE	TRACE	01	02-03	04-05	06-08	09-10	11-15	16-20	21-25	26-30	OVER 30			MEAN	GREATEST	LEAST		
JAN	73.4	10.0	7.0	4.3	4.2	1.0	.2								10.7	719			
FEB	71.8	7.8	6.3	4.6	1.0	7.2	1.2								20.4	676			
MAR	92.5	4.5	1.3	.6	.9	.1									3.0	779			
APR	100.0															750			
MAY	100.0															779			
JUN	100.0															720			
JUL	100.0															779			
AUG	100.0															779			
SEP	100.0															750			
OCT	100.0															779			
NOV	97.4	1.5	.7	.1		.3									1.1	720			
DEC	79.5	9.9	5.4	2.0	1.2	1.2	.7								10.5	744			
ANNUAL	92.9	2.8	1.7	1.0	.6	.8	.2								4.3	6950			

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DATA PROCESSING DIVISION
 AF ETAC
 WEATHER SERVICE/AC

EXTREME VALUES

SNOW DEPTH
 FROM DAILY OBSERVATIONS

10 155745N 43 0627E
 STATION NAME

46-70

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46			0	0	0	0	0	0	0	0	0	1	
47	3	3	0	0	0	0	0	0	0	0	0	3	3
48	2	2	0	0	0	0	0	0	0	0	0	0	2
49	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1	1
50	0	1	0	0	0	0	0	0	0	0	0	7	7
51	7	2	TRACE	0	0	0	0	0	0	0	0	0	7
52	1	2	1	0	0	0	0	0	0	0	1	1	2
53	1	2	TRACE	0	0	0	0	0	0	0	0	TRACE	2
54	3	2	0	0	0	0	0	0	0	0	0	TRACE	3
55	2	6	3	0	0	0	0	0	0	0	TRACE	1	6
56	6	6	TRACE	0	0	0	0	0	0	0	TRACE	2	6
57	1	2	0	0	0	0	0	0	0	0	0	TRACE	1
58	3	2	1	0	0	0	0	0	0	0	0	2	3
59	3	TRACE	2	0	0	0	0	0	0	0	0	0	3
60	3	0	0	0	0	0	0	0	0	0	0	2	3
61	3	1	2	0	0	0	0	0	0	0	TRACE	TRACE	3
62	TRACE	2	1	0	0	0	0	0	0	0	4	3	7
63	4	6	3	0	0	0	0	0	0	0	0	TRACE	6
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	4	5	0	0	0	0	0	0	0	0	0	4	4
69	4	11	0	0	0	0	0	0	0	0	TRACE	5	11
70		2	4	0	0	0	0	0	0	0	0	4	
MEAN	2.2	2.2	1.5	0	0	0	0	0	0	0	1.2	1.5	2.7
S D	2.012	2.766	1.122	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.833	1.934	2.758
TOTAL OBS	713	678	775	730	775	720	775	775	730	775	720	744	8950

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/WAC

EXTREME VALUES

SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

35010 WIESBADEN AB GERMANY 46-70 YEARS
STATION STATION NAME

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

MONTH/ YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64												0	SNOW DPTH DAYS
67						29	0						SNOW DPTH DAYS
68											TRACE 29		SNOW DPTH DAYS
70	28	5											SNOW DPTH DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

PART C

SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

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

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

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

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

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

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

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EXTREME VALUES

SURFACE WINDS
(10 MINUTE AVERAGE)

35010 WILSEBACH AB GERMANY

01-71

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
61													WS- 37	
62	SW 50NW	30NW	27NE	38WSW	20W	20WSW	29SW	29WSW	31N	21E	17NNW	39	SW 30	
63	ENE 25E	21S	30ENE	20W	28E	28SSE	21W	33NW	34W	23NNW	29NE	19	NW 34	
64	SSW 18W	23SE	32W	30NNW	29N	31W	34WSW	48W	35SW	39W	35W	36	WSW 45	
65	SW 38NE	34W	43NNW	30WSW	34S	38WSW	36N	43W	31E	34W	43NW	42	N 43	
66	NNW 39W	23S	40W	33NNW	30SSW	49W	30WSW	30SW	30SW	20NW	39NW	30	SSW 49	
67	W 32WS	54W	44NE	32W	30NNW	20NNW	35SW	30NNW	25W	54E	29NNW	38	WSW 64	
68	NNW 39WSW	21SW	44S	23		27	4020/	3331/	2824/	22.9/	2429/	21		
69	24/	2928/	3525/	2530/	3528/	2729/	2424/	3033/	34.9/	3133/	2123/	43.6/	28	23/ 45
70	8/	2831/	4231/	3324/	3531/	42.6/	3627/	3534/	2824/	2929/	4227/	3430/	37	31/ 42
MEAN	32.8	24.0	25.2	32.2	33.5	32.3	32.2	25.9	30.9	21.2	32.8	22.5	40.5	
S D	9.2842	3.283	7.517	4.081	8.080	8.396	5.472	8.162	3.790	11.082	9.038	7.962	8.602	
TOTAL OBS	271	254	279	270	247	237	277	277	269	278	270	306	3233	

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

EXTREME VALUES

SURFACE WINDS
 FROM DAILY OBSERVATIONS

35010 WIESBADEN AB GERMANY 61-70
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
 /BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
61	0	0	0	0	0	0	0	0	0	0	SW 26		WINDS DAYS
68					NW 29 23	W 28 26					1		WINDS DAYS
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

35010 KIEFBADEN AB GERMANY 46-76 ALL
STATION STATION NAME YEARS YEARS

ALL WEATHER ALL
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	1.5	2.2	1.6	.5	.0	.0						5.0	6.0
NNE	1.3	1.5	1.2	.5	.1	.0	.0					4.3	6.6
NE	1.2	1.7	1.7	1.1	.2	.1	.0					6.0	7.7
ENE	1.0	1.8	2.2	1.2	.2	.0						6.4	7.7
E	1.6	2.6	2.8	1.3	.1	.0						8.6	6.9
ESE	.7	.8	.5	.1	.0							2.2	5.3
SE	.4	.8	.2	.0	.0							1.8	4.4
SSE	.7	.8	.3	.1	.0							1.9	4.8
S	1.5	2.4	1.4	.3	.0	.0						3.7	5.6
SSW	.5	1.1	.9	.4	.0	.0	.0					3.1	6.7
SW	.3	1.8	2.1	1.3	.2	.0	.0	.0				6.2	8.0
WSW	.7	1.5	1.9	1.4	.2	.1	.0	.0		.0		5.9	8.5
W	1.5	2.7	2.8	1.8	.3	.1	.0	.0				9.1	7.9
WNW	.9	1.2	1.1	.6	.1	.0	.0	.0				3.9	7.1
NW	1.0	1.4	1.2	.7	.1	.0	.0	.0				4.5	7.2
NNW	.2	1.0	1.1	.5	.1	.0	.0	.0				3.5	7.0
VARBL	.5	.3	.2	.1	.0	.0						1.5	4.3
CALM												15.5	
	17.4	25.8	23.2	12.6	1.6	.3	.0	.0		.0		100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 217163

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

35010 WIESBADEN AB GERMANY 47-70 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
MOSES (I.R.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	1.2	.3		.0						4.2	5.8
NNE	.3	1.1	1.2	.4	.0							3.5	6.5
NE	1.0	1.5	1.9	1.1	.4	.1	.0					5.9	8.4
ENE	1.2	2.2	2.4	1.5	.4	.0						7.7	8.1
E	2.7	3.3	3.4	1.7	.3	.0						11.4	6.9
ESE	1.0	1.0	.3	.2								2.7	5.0
SE	.5	.6	.2	.0								1.5	4.0
SSE	.0	.7	.2	.1	.0							1.9	4.7
S	1.9	2.8	2.0	.5	.0							7.3	5.9
SSW	.0	1.0	1.0	.5	.1							3.2	7.1
SW	.8	2.0	2.9	1.9	.3	.0						8.0	8.6
WSW	.5	1.4	2.2	1.6	.4	.1						6.2	7.2
W	1.0	2.4	2.6	2.4	.2	.1	.0	.0				9.4	8.8
WNW	.5	.7	.7	.3	.1	.0	.0	.0				2.5	7.9
NW	.0	.9	.8	.6	.1	.0						3.1	8.0
NNW	.0	.4	.3	.3	.1	.0						1.7	7.4
VARBL	.7	.1										.8	2.0
CALM												18.5	
	17.4	23.5	23.8	13.7	2.6	.5	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 17850

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

47-70
YEARS

FEB
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	1.4	1.9	1.4	.5	.0	.0						5.3	6.1
NNE	1.1	1.1	1.4	.5	.0	.0	.0					4.1	6.7
NE	1.1	1.6	1.7	1.7	.5	.1	.0					6.9	9.2
ENE	.9	2.0	3.5	2.4	.3	.0						9.1	8.6
E	2.2	3.3	3.7	1.6	.1							10.8	6.9
ESE	.6	.8	.4	.1								1.9	5.0
SE	.8	.8	.1	.0								1.7	4.1
SSE	.7	.8	.3	.1	.0							1.9	5.1
S	1.4	2.5	1.7	.6	.0							6.1	6.1
SSW	.5	.9	.9	.3	.0							2.6	6.8
SW	.6	1.5	2.1	1.4	.2	.0						5.8	8.4
WSW	.5	1.2	2.0	1.5	.3	.1	.0					5.7	9.3
W	1.2	2.5	2.7	2.5	.4	.1	.0					9.4	8.8
WNW	.7	1.0	1.0	.7	.2	.0	.0					3.6	8.1
NW	.7	1.0	1.1	.9	.1	.0		.0				3.9	8.3
NNW	.6	.8	.9	.4	.0	.0						2.7	7.3
VARBL	.6	.1										.7	2.2
CALM												17.9	
	15.6	23.8	24.6	15.1	2.3	.5	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 16270

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 MONTH MAR
 CLASS ALL WEATHER HOURS 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	1.5	2.2	1.8	.6	.1	.0						6.2	6.2
NNE	.9	1.4	1.4	.6	.1	.0						4.5	7.3
NE	1.2	2.3	2.5	2.0	.5	.1						8.7	8.6
ENE	.8	2.1	3.3	2.3	.3	.0						8.8	8.7
E	1.6	3.0	4.0	2.5	.2	.0						11.3	8.0
ESE	.6	.7	.6	.3	.0							2.2	6.3
SE	.6	.7	.2	.0	.0							1.6	4.5
SSE	.5	.5	.2	.0								1.2	4.6
S	.9	1.5	.9	.3	.0	.0						3.7	6.1
SSW	.4	.7	.7	.5	.1	.0	.0					2.4	7.8
SW	.6	1.2	1.8	1.5	.4	.3	.0					3.6	9.3
WSW	.5	1.1	1.9	1.8	.4	.1	.0					5.7	9.7
W	1.2	2.1	2.6	2.2	.5	.1						8.6	8.8
WNW	.8	.9	1.1	.8	.2	.0	.0					3.8	7.9
NW	1.2	1.4	1.4	1.1	.2	.1		.0				5.4	7.9
NNW	.7	1.0	1.4	.8	.1	.0	.0					4.1	7.9
VARBL	.7	.1										.8	2.3
CALM												15.5	
	14.8	23.0	25.7	17.4	3.0	.6	.0	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 18592

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 MONTH APR
 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	2.0	2.9	1.7	.2							8.6	7.6
NNE	.9	1.7	1.8	1.1	.2	.0						5.8	7.7
NE	1.0	2.0	2.3	2.0	.4	.1						7.7	8.5
ENE	.9	1.4	1.9	1.3	.2	.1						5.8	8.2
E	1.7	2.1	2.1	1.1	.1							7.2	6.8
ESE	.5	.7	.6	.2								2.1	6.1
SE	.6	.7	.3	.0								1.7	4.6
SSE	.5	.8	.4	.2	.0							2.0	6.0
S	1.4	2.0	1.3	.4	.1							5.0	5.8
SSW	.6	1.1	1.0	.6	.1	.0						3.4	7.4
SW	1.0	1.9	2.2	1.3	.3	.1	.0					6.7	8.2
WSW	.8	1.3	1.6	1.3	.3	.2	.0					5.5	8.9
W	1.4	2.4	2.4	1.6	.4	.1						8.4	8.0
WNW	.9	1.2	1.1	.8	.1	.1						4.1	7.5
NW	.8	1.3	2.0	1.3	.1	.0						5.7	8.0
NNW	.7	1.3	1.2	1.2	.2	.0						5.2	8.3
VARBL	.9	.3	.2	.1	.0							1.5	4.0
CALM												13.6	
	12.7	25.1	29.0	16.3	2.6	.5	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 17985

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 35010 RIESBADEN AB GERMANY STATION NAME 46-70 YEARS MAY MONTH
 CLASS ALL WEATHER ALL
 HOUR (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	1.7	2.8	2.7	1.5	.1	.0						8.3	6.8
NNE	1.2	2.1	2.0	1.1	.3	.0						6.8	7.6
NE	1.1	2.3	2.3	1.6	.3	.2	.0					7.8	8.4
ENE	.9	1.5	2.2	1.6	.3	.0						6.6	8.5
E	1.3	2.0	2.7	1.5	.1	.0						7.7	7.5
ESE	.5	.8	.8	.2	.0							2.4	6.5
SE	.5	.7	.3	.0								1.5	4.8
SSE	.5	.6	.3	.1	.0							1.7	5.0
S	1.2	1.9	1.0	.2	.0	.0						4.4	5.4
SSW	.5	1.0	.8	.2	.0							2.6	6.2
SW	.7	1.6	1.7	.8	.1	.0						4.8	7.4
WSW	.7	1.8	1.6	.9	.1	.0						4.9	7.2
W	1.3	2.7	2.5	1.3	.2	.0	.0					8.1	7.4
WNW	.9	1.4	1.2	.6	.1							4.3	6.8
NW	1.0	1.5	1.8	1.1	.1	.0						5.5	7.6
NNW	1.0	1.5	1.7	1.0	.1	.0	.0					5.3	7.6
VARBL	1.4	.5	.3	.1	.0							2.3	3.9
CALM												15.2	
	16.7	20.5	25.9	13.4	1.8	.4	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 18597

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

95019
STATION

AIESPADEA AB GERMANY
STATION NAME

46-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.2	2.2	.5	.0	.0						8.0	5.8
NNE	1.2	1.8	1.2	.5	.0	.0						4.8	6.1
NE	1.0	1.8	1.8	1.1	.1	.0						3.9	7.5
ENE	.8	1.5	1.8	1.2	.1	.0						5.4	7.9
E	1.1	1.0	1.7	.6	.0	.0						5.2	6.5
ESE	.5	.5	.3	.0	.0	.0						1.5	5.1
SE	.6	.7	.2	.0	.0	.0						1.5	4.4
SSE	.5	.8	.4	.0	.0	.0						1.7	5.1
S	1.4	2.2	1.0	.2	.0	.0						4.8	5.3
SSW	.5	1.1	.8	.3	.0	.0						2.7	6.4
SW	.9	1.9	1.8	1.0	.1	.0						5.7	7.3
WSW	.9	1.9	1.8	1.1	.1	.0						5.8	7.6
W	1.7	3.2	3.0	1.4	.1	.0						9.4	7.1
WNW	1.0	1.7	1.8	.7	.1	.0						5.4	7.0
NW	1.4	2.0	2.2	.9	.1	.0						7.1	6.6
NNW	1.0	1.7	1.8	.8	.1	.0		.0				5.4	7.1
VARBL	1.1	.5	.2	.1	.0	.0						2.0	4.1
CALM												18.0	
	17.5	29.0	23.9	10.5	.9	.1		.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 17990

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 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	2.4	2.9	1.9	.7	.0							7.9	5.8
NNE	1.2	1.8	.9	.5	.0	.0						4.4	5.7
NE	.9	1.5	1.0	.3	.0	.0						3.7	6.0
ENE	.8	1.0	1.0	.2	.0	.0						3.0	6.0
E	.9	1.4	1.3	.3	.0							3.9	6.0
ESE	.4	.6	.4	.1								1.4	5.6
SE	.6	.5	.2	.0								1.3	4.4
SSE	.7	.6	.2	.0								1.6	4.3
S	1.1	2.1	.9	.1	.0							4.3	5.2
SSW	.8	1.1	.7	.3	.0							2.8	6.0
SW	.5	1.9	1.8	1.0	.1	.0						5.7	7.6
WSW	1.0	2.0	2.3	1.3	.2	.0						6.9	7.8
W	1.7	3.8	3.6	2.1	.3	.0						11.6	7.6
WNW	1.3	2.2	1.9	.9	.1	.0						6.3	6.8
NW	1.5	2.3	2.0	1.1	.1	.0						7.0	6.9
NNW	1.5	1.9	1.8	.7	.1	.0						6.0	6.3
VARBL	1.0	.6	.3	.1								2.0	4.3
CALM												20.4	
	18.5	28.2	22.1	9.7	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 18562

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS AUG MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L Y T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	1.5	.3	.0	.0						6.1	5.4
NNE	1.7	1.8	1.0	.2	.0							4.0	5.6
NE	1.2	1.6	1.3	.3	.0							4.5	6.0
ENE	.8	1.4	1.5	.6	.0							4.3	6.9
E	1.4	2.0	1.9	.6	.0							5.9	6.2
ESE	.6	.6	.4	.1	.0							1.6	5.2
SE	.8	.9	.3	.1	.0							2.1	4.8
SSE	.7	1.0	.3	.1	.0							2.2	4.9
S	1.4	2.7	1.3	.3	.0							5.8	5.5
SSW	.6	1.3	.9	.4	.0	.0						3.1	6.5
SW	.7	2.2	1.9	1.3	.2	.0						6.4	8.0
WSW	.8	2.2	2.3	1.4	.2	.0		.0				7.3	8.1
W	1.6	2.4	3.6	1.7	.2	.0	.0					10.7	7.4
WNW	1.1	1.4	1.3	.5	.1	.0	.0					4.4	6.6
NW	1.3	1.8	1.2	.4	.0							4.8	6.0
NNW	1.1	1.2	1.0	.3	.0							3.8	5.8
VARBL	.9	.6	.1	.0								1.7	3.7
CALM												21.7	
	17.8	28.7	21.8	8.8	.9	.1	.0	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 18460

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	1.0	.2								4.7	5.2
NNE	1.1	1.5	1.0	.1								3.7	5.4
NE	1.6	1.6	1.3	.5	.0							3.0	6.0
ENE	1.1	1.8	1.5	.7	.0							3.7	6.6
E	1.7	2.6	3.2	1.6	.0							9.1	7.2
ESE	.8	.9	.5	.2								2.0	5.3
SE	.8	.8	1.2	.0								1.8	4.2
SSE	.9		.3	.0								2.0	4.4
S	1.7	2.6	1.2	.3								3.8	5.2
SSW	.8	1.3	1.1	.3	.0							3.4	6.3
SW	.9	2.2	2.0	1.2	.1							6.3	7.4
WSW	.8	1.8	2.2	1.3	.2	.0						6.2	8.0
W	1.6	2.9	3.0	2.0	.2	.1	.0					9.8	7.8
WNW	.9	1.2	.8	.6	.1	.0	.0	.0				3.6	7.1
NW	.9	1.0	.8	.3	.0	.0	.0					3.0	5.3
NNW	.7	.6	.6	.3	.0	.0						2.2	5.3
VARBL	1.0	.5	.1	.1								1.6	3.5
CALM												24.0	
	18.7	25.8	20.7	9.7	.8	.2	.0	.0				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 17728

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 AIESBADEN AB GERMANY YEARS 46-70 MONTH CCT
STATION NAME STATION NAME YEARS MONTH

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

CONDITION _____
CONDITION

SPEED (KNTS) DIR.	1-3	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	1.5	.8	.2	.0							4.0	5.3
NNE	1.0	1.2	.9	.3	.1	.0						3.5	6.2
NE	1.3	1.7	1.5	1.1	.2	.1						5.8	7.4
ENE	1.1	2.0	2.4	1.2	.1							6.7	7.4
E	1.9	2.8	2.6	1.2	.0							9.5	6.8
ESE	.9	.8	.4	.1	.0							2.2	5.0
SE	.9	.8	.2	.0								1.8	4.1
SSE	.9	.8	.3	.0								1.8	4.4
S	1.8	2.4	1.3	.3	.0							5.8	5.2
SSW	.6	1.2	.5	.4	.0	.0						3.0	6.4
SW	.7	1.8	1.7	.8	.1	.0	.0					5.1	7.3
WSW	.9	1.5	1.6	.9	.1	.0	.0	.0				5.0	7.5
W	1.7	2.4	2.3	.9	.1	.0	.0	.0				7.3	6.7
WNW	1.0	1.0	.8	.4	.0	.0						3.3	6.3
NW	1.0	1.0	.6	.4	.1							3.1	6.2
NNW	.6	.7	.5	.2	.0							2.0	5.9
VARBL	.8	.1	.4	.2	.0							1.5	5.4
CALM												28.3	
	18.3	23.7	20.2	8.6	.8	.1	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 18571

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS NOV
 NORTH
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.9	.2	.0							3.8	5.5
NNE	.9	1.0	.3	.3	.0							3.1	6.0
NE	1.3	1.6	1.4	.9	.1							5.2	6.9
ENE	1.4	2.2	2.0	.9	.2	.0						6.8	6.9
E	2.9	3.6	3.2	1.6	.1	.0						11.6	6.6
ESE	1.2	1.3	.5	.1								3.2	4.8
SE	1.2	1.1	.3	.1	.0							2.6	4.3
SSE	1.1	1.0	.3	.1	.0							2.4	4.4
S	2.3	3.3	1.9	.5	.0							8.1	5.6
SSW	.6	1.1	1.1	.6	.0	.0						3.3	6.7
SW	1.3	1.5	2.3	1.6	.2	.0						7.0	8.1
WSW	.3	1.2	1.7	1.3	.4	.1	.0					5.5	9.3
W	1.7	2.3	2.5	1.3	.3	.1	.0					8.1	7.4
WNW	.7	.8	.5	.3	.1							2.5	6.3
NW	.6	.9	.8	.3	.0	.0						2.9	6.6
NNW	.3	.5	.3	.1	.0	.0						1.3	5.8
VARBL	.3	.3	.4	.4	.0	.0						1.6	7.2
CALM												20.9	
	19.9	25.0	21.2	10.6	1.5	.2	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 17962

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010 STATION AIRSBADEN AB GERMANY STATION NAME 46-70 YEARS DEC MONTH
 ALL WEATHER CLASS ALL HOURS (LST) HOURS

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	1.2	.3	.0	.0						4.4	5.6
NNE	.8	.9	.9	.3	.0							2.9	6.2
NE	1.1	1.2	1.6	1.1	.1							5.1	7.6
ENE	1.2	2.4	2.7	1.0	.0							7.4	7.1
E	2.7	3.7	3.1	.8	.0							10.2	5.9
ESE	1.0	1.2	.4	.0	.0							2.6	4.3
SE	1.2	.9	.3	.0	.0							2.4	4.2
SSE	1.0	1.0	.4	.1	.0							2.5	4.6
S	2.1	3.5	1.9	.4	.0							7.9	5.5
SSW	.7	1.4	1.2	.5	.0							3.9	6.7
SW	.7	2.2	2.7	1.8	.2	.0		.0				7.7	8.4
WSW	.6	1.3	.9	1.7	.3	.1		.0		.0		5.9	9.3
W	1.3	2.2	2.7	2.0	.4	.1	.0	.0				8.8	8.4
WNW	.7	.8	.7	.3	.1	.0	.0	.0				2.5	6.8
NW	.7	.5	.7	.3	.1	.1	.0					2.7	8.0
NNW	.5	.5	.5	.2	.0							1.7	6.1
VARBL	.6	.5	.3	.1		.0						1.5	5.2
CALM												19.9	
	13.2	26.1	23.1	11.0	1.3	.3	.0	.0		.0		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 18596

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

STATION 35010 FIESBADEN AB GERMANY STATION NAME 47-70 YEARS JAN MONTH
 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	1.5	1.6	1.0	.3								4.6	3.2
NNE	.8	1.6	1.2	.5	.0							4.0	6.7
NE	.9	1.6	2.0	1.0	.3							3.9	8.0
ENE	1.2	1.9	2.6	1.4	.3							7.4	7.9
E	3.0	2.6	2.8	2.2	.2	.1						10.9	7.0
ESE	1.5	.8	.4	.0								2.7	4.2
SE	1.2	1.0	.1									2.1	4.1
SSE	.5	.5										1.4	3.5
S	2.0	2.5	1.8	.3								6.5	5.5
SSW	.6	1.3	.9	.4								3.2	5.3
SW	1.0	2.2	2.4	1.6	.3	.0						7.6	8.1
WSW	.7	.9	2.4	1.3	.3	.0						5.7	8.8
W	1.8	3.0	2.6	2.3	.4	.0						10.1	8.0
WNW	.7	.6	.5	.3	.0			.0				2.2	7.1
NW	.4	.9	1.0	.7	.1							3.2	8.3
NNW	.6	.3	.4	.2								1.6	5.8
VARBL	.5	.2										.8	2.6
CALM												20.0	
	19.2	23.7	22.2	12.7	1.9	.2		.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35018
STATION

WIESBADEN AB GERMANY
STATION NAME

47-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.2	.3								4.0	5.6
NNE	1.3	.9	1.2	.4								3.8	6.0
NE	1.2	1.7	1.7	1.3	.4	.1						6.6	8.4
ENE	1.6	2.4	2.5	1.1	.4							8.0	7.4
E	3.3	3.0	2.6	1.2	.3							10.4	6.3
ESE	1.3	.7	.9	.2								3.0	3.2
SE	1.2	.9	.2									2.0	4.1
SSE	.9	1.0	.3	.1								2.2	4.6
S	1.5	3.0	1.6	.5								6.7	5.9
SSW	.3	1.3	.8	.7	.0							3.1	7.7
SW	.9	1.7	1.9	1.7	.4							6.6	8.6
WSW	.8	1.2	1.6	1.4	.3							5.5	8.6
W	1.2	2.6	2.7	2.4	.3	.1						9.3	8.6
WNW	.6	.8	.4	.6	.0			.1				2.6	8.3
NW	.9	1.0	.8	.4	.0	.0						3.2	6.8
NNW	.4	.2	.4	.1								1.2	3.8
VARBL	.8	.0										.8	2.1
CALM												21.3	
	19.0	23.8	20.5	12.6	2.3	.2		.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 39010 MESSAGE: AS SER-A 47-70 JAN
STATION NAME: _____ YEARS: _____ CONTIN: _____
CLASS: ALL WEATHER
LOCATION: _____
MOON: _____
HOURS (L.S.T.): 0600-0600

SPEED (KNTS) DIR.	1-3	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	1.1	.2								3.9	5.4
NNE	.5	1.3	1.3	.4								3.7	6.3
NE	1.0	1.1	2.2	1.0	.3							5.7	6.1
NNE	1.2	2.3	2.0	1.3	.4	.0						7.1	7.6
E	2.6	2.5	3.5	1.8	.2							10.5	7.0
ESE	.7	.9	.5	.2								2.3	3.5
SE	1.3	1.0	.2									2.2	4.1
SSE	.7	.9	.5	.3								2.1	4.9
S	1.9	2.5	2.4	.6	.0							7.4	6.1
SSW	.4	.9	.9	.5	.0							2.6	6.8
SY	.9	1.8	3.1	1.5	.4							7.8	8.7
WSW	.5	1.7	1.5	.7	.3	.0						6.9	5.2
W	1.4	2.1	2.9	2.6	.2	.0	.0					9.2	8.5
WNW	.7	.7	.9	.4								2.6	6.7
NW	.9	.7	.8	.5	.1							3.0	7.2
NNW	.5	.3	.3	.2	.1							1.4	6.6
VARBL	1.2											1.2	1.7
CALM												22.3	
	17.7	21.7	24.1	15.0	2.1	.1	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 2232

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

47-70
YEARS

JAN
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 SPE.
N	1.5	1.3	1.0	.2								4.1	5.3
NNE	.6	1.0	1.0	.3								2.9	6.3
NE	.4	.9	1.6	1.2	.4							4.6	9.4
ENE	.8	2.1	2.2	2.0	.5	.1						7.8	9.2
E	3.0	3.2	3.7	1.8	.4							12.1	7.1
ESE	1.1	1.2	.7	.3								3.2	5.4
SE	1.0	.9	.2									2.2	3.9
SSE	1.3	.9	.3	.1								2.7	4.9
S	1.7	3.0	2.3	.2								7.8	6.2
SSW	.7	1.1	1.0	.5	.0							3.4	7.0
SW	.7	1.7	2.3	1.3	.4							6.9	8.9
WSW	.4	1.2	2.2	1.9	.3	.2						6.1	9.6
W	1.7	1.8	3.0	2.2	.4	.2						7.3	8.6
WNW	.7	.9	.9	.5	.1	.0						3.2	7.7
NW	.7	1.0	.7	.5	.1							3.0	7.2
NNW	.6	.3	.3	.4	.1							1.7	7.2
VARBL	.9	.2										1.0	2.2
CALM												18.0	
	17.6	22.7	22.4	14.7	2.8	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING DIVISION
ETAC, USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

47-70
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	.5	1.1	1.0	.5								3.1	7.1
NNE	.5	.4	1.0	.4	.0							2.4	7.3
NE	.4	.9	1.7	.8	.4	.1						4.1	9.2
FNE	.7	2.0	2.6	1.0	.8	.1						8.1	9.4
E	1.6	3.8	4.3	.3	.4	.0						12.5	7.8
ESE	1.2	1.5	.7	.6								4.0	5.8
SE	1.3	.5	.2	.0								2.1	4.0
SSE	.8	.7	.1	.2	.0							1.9	3.6
S	2.5	2.7	2.1	.5								8.0	5.5
SSW	.8	.8	1.2	.7	.1							3.5	7.6
SW	.9	2.0	3.5	2.8	.6	.0						9.8	9.5
WSW	.4	1.1	2.4	2.2	.6	.1						6.9	10.2
W	1.1	2.7	2.9	2.5	.8	.4	.0					10.4	9.4
WNW	.3	.7	.4	.6	.0	.0						2.2	8.6
NW	.4	.8	1.2	.8	.4	.1						3.6	9.6
NNW	.2	.2	.6	.7	.1							2.1	9.5
VARBL	.9	.0										1.0	1.9
CALM												14.6	
	14.6	22.0	26.1	17.6	4.3	.9	.0	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

RIESBADEN AB GERMANY
STATION NAME

47-7C
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.3	1.8	.4								4.4	6.8
NNE	.4	1.0	1.1	.4								2.9	7.1
NE	.8	1.9	2.1	.9	.6	.1						6.5	8.6
ENE	1.2	2.5	2.6	1.1	.3	.0						7.8	7.6
E	2.7	4.4	3.7	1.7	.1	.0						12.6	6.6
ESE	.5	1.1	.6	.3								2.6	5.8
SE	1.0	.5	.0									1.5	3.5
SSE	.6	.4	.2									1.3	4.2
S	2.1	3.0	2.2	.6	.0							8.0	5.9
SSW	.8	.8	1.3	.6	.1							3.6	7.4
SW	.9	2.2	3.7	2.0	.1	.1						9.0	8.5
WSW	.4	1.4	3.0	2.2	.4	.1						7.7	9.7
W	1.2	1.8	3.5	3.0	.9	.1	.0					9.4	9.9
WNW	.2	.6	1.0	.6	.0	.2	.0					2.6	10.1
NW	.3	.7	.8	.7	.1	.0						2.6	8.8
NNW	.4	.5	.3	.4	.1	.0						2.3	8.7
VARBL	.5	.1										.6	2.0
CALM												14.7	
	14.8	24.3	27.3	15.0	3.0	.9	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

RIESBADEN AB GERMANY
STATION NAME

47-70
YEAR

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNOTS) [1°]	1-3	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	1.5	1.2	.3		.0						4.8	5.4
NNE	1.3	1.2	1.4	.4								4.3	6.2
NE	1.6	1.8	2.1	1.3	.4	.2	.0					7.3	8.1
ENE	1.3	2.0	2.2	1.3	.4							7.2	7.9
E	3.3	3.3	3.1	1.6	.2	.0						11.3	6.5
ESE	1.1	.7	.1									1.9	3.4
SE	.7	.7	.1									1.4	4.0
SSE	.2	.4	.2	.1								1.6	4.7
S	1.3	3.0	2.2	.6	.1							7.1	6.4
SSW	.9	.8	1.3	.5	.1							3.4	7.5
SW	.7	2.6	3.0	1.9	.3							8.5	8.2
WSW	.5	1.9	1.9	1.7	.4	.0						6.5	8.9
W	.9	2.8	2.3	2.3	.5	.1						8.7	8.8
WNW	.5	.7	.8	.5	.1	.0						2.6	7.5
NW	.5	1.0	.9	.7	.1							3.1	7.7
NNW	.6	.5	.4	.4		.0						2.0	6.8
VARBL	.3	.0										.5	2.1
CALM												19.0	
	17.6	24.9	23.1	13.4	2.5	.5	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 WIESBADEN AB GERMANY YEARS 47-70 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	1.8	1.7	1.1	.4								4.9	5.6
NNE	.9	1.1	1.6	.3	.0							3.9	6.4
NE	1.4	1.8	1.9	1.1	.4	.0						6.7	7.7
ENE	2.5	2.2	2.4	1.7	.4							8.7	7.7
E	2.5	3.2	3.8	1.1	.3	.1						11.0	7.0
ESE	1.3	1.0	.2									2.2	4.0
SE	.6	.5	.2									1.3	4.0
SSE	.7	.9	.2	.0								1.9	4.6
S	2.0	2.6	1.7	.6	.0							6.9	5.9
SSW	.5	1.2	.9	.2	.0							3.2	6.1
SW	.8	2.1	3.1	1.7	.2							7.8	8.5
WSW	.5	1.7	2.3	1.5	.4	.1						6.5	8.9
W	1.3	2.5	2.4	1.9	.3	.1		.0				8.4	8.3
WNW	.7	.6	.8	.4	.1	.0						2.7	7.3
NW	.4	1.0	.5	.9	.1							2.9	8.2
NNW	.3	.4	.6	.5								1.6	7.1
VARBL	.5											.5	1.9
CALM												19.0	
	18.3	24.5	23.5	11.9	2.3	.4		.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 47-70 YEARS FEB MONTH
ALL WEATHER CLASS 0000-0200 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	2.1	2.9	1.3	.1		.0						6.2	5.1
NNE	1.5	1.6	.8	.4								4.2	5.6
NE	1.4	2.0	1.7	1.3	.6	.2						7.8	8.8
ENE	1.1	1.7	3.3	2.6	.2	.1						9.1	8.9
E	2.0	2.8	2.5	1.5								8.7	6.7
ESE	.3	.7	.0									1.1	4.0
SE	.7	.6										1.3	3.6
SSE	.3	.3	.1	.1								1.1	4.7
S	1.5	2.4	1.6	.5	.0							6.0	6.1
SSW	.6	.6	1.2	.2								2.7	6.7
SW	.7	1.3	2.0	1.0	.2							5.2	7.9
WSW	.6	1.4	1.6	1.5	.1							5.3	8.6
W	1.3	2.9	3.2	1.4	.3	.0						9.2	7.7
WNW	.8	1.0	1.0	.4	.2	.0						3.4	7.3
NW	1.1	.7	1.1	.3	.1							3.4	6.6
NNW	.5	1.0	.6	.1		.0						2.3	6.2
VARBL	.9	.0										1.0	1.9
CALM												21.8	
	18.0	23.8	22.1	12.0	1.8	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 WIESBADEN AB GERMANY STATION NAME 47-70 YEARS FEB MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.2	1.6	.3								6.3	5.5
NNE	1.1	1.0	1.3	.4			.0					3.8	6.7
NE	1.1	1.3	1.8	1.6	.8							6.6	9.3
ENE	.7	2.2	3.2	2.9	.0							9.0	8.8
E	2.3	3.6	3.1	1.2								10.1	6.2
ESE	.4	.2	.1									.9	4.1
SE	.6	.3	.2									1.1	4.5
SSE	.3	.2	.3	.0								1.6	5.6
S	1.4	2.4	1.1	.5								5.4	5.7
SSW	.4	.9	.8	.4	.1							2.6	7.5
SW	.5	1.4	2.4	1.4	.1							5.8	8.2
WSW	.4	.9	2.0	.8	.5	.0						4.7	9.3
W	1.5	3.1	2.3	2.2	.1	.1	.0					9.4	8.0
WNW	.9	1.6	.6	.5	.2	.0						4.0	7.2
NW	.5	.9	1.0	.6	.0							3.1	7.5
NNW	.6	.8	.5	.3	.1	.0						2.4	7.0
VARBL	.7											.7	1.6
CALM												22.4	
	15.5	24.0	22.5	13.2	2.1	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3501C STATION WIESSBADE AB GERMANY 47-70 YEARS FEB MONTH
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	1.9	1.2	1.0	.4								4.5	5.4
NNE	.9	1.7	1.5	.5								4.6	6.4
NE	.9	1.4	1.1	2.0	.4							5.9	9.1
ENE	1.3	2.3	3.8	1.7	.1							9.2	7.8
E	2.4	3.7	3.8	1.4	.0							11.4	6.6
ESE	.8	.5	.1									1.5	4.1
SE	.7	.7	.1									1.6	4.2
SSE	.7	.8	.3	.0								1.9	4.9
S	1.3	1.5	1.3	.4								4.7	5.8
SSW	.4	.9	.9	.1								2.4	6.2
SW	1.0	1.7	2.3	1.2	.3							6.6	8.2
WSW	.4	1.2	1.8	1.2								4.6	8.4
W	1.3	2.9	2.5	2.1	.1	.1	.1					9.1	8.2
WNW	.7	1.0	.9	.7	.1	.0						3.4	7.7
NW	.8	1.4	.6	.5	.2	.0						3.6	7.3
NNW	.7	.8	.7	.3	.1							2.6	6.8
VARBL	.3	.1										.4	2.3
CALM												21.9	
	18.7	24.2	22.7	12.7	1.5	.2	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2024

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

47-79
YEARS

FEH
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.1	.8	.1	.0						4.6	7.2
NNE	.8	.9	1.6	.6	.0							3.6	7.4
NE	1.0	1.1	1.1	1.3	.5	.2						5.3	9.8
ENE	.8	2.0	3.6	2.5	.5							9.4	9.2
E	2.0	2.7	5.3	2.6	.2							12.7	7.9
ESE	.6	1.5	.9	.1								3.2	5.0
SE	.9	1.1	.2									2.3	4.3
SSE	1.4	1.1	.2	.1								2.9	4.4
S	1.2	1.7	1.4	.4								4.9	6.0
SSW	.5	.7	.7	.2								2.1	6.4
SW	.6	1.3	1.4	1.1	.2	.1						4.8	9.0
WSW	.9	1.2	2.3	1.6	.3	.0	.0					6.4	9.0
W	1.0	2.1	2.9	2.9	.3	.1						9.4	9.1
WNW	.6	.7	.9	.7		.1						3.1	8.0
NW	.3	.9	1.3	.8	.1	.0						4.0	7.8
NNW	.5	.6	.6	.6	.0	.0						2.6	7.8
VARBL	.3	.1										.6	2.4
CALM												18.2	
	15.2	21.3	25.6	16.4	2.4	.8	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 EIAAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 35010 WIESBADEN AB GERMANY YEARS: 47-70 MONTH: FEB
STATION NAME YEARS MONTH
 CLASS: ALL WEATHER HOURS (L. S. T.): 1200-1400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.7	1.1								4.6	8.0
NNE	.2	.4	.9	.4	.1							2.1	5.6
NE	.3	.9	1.3	1.5	.4	.2	.0					4.8	11.0
ENE	.2	1.5	4.2	3.1	.3							9.3	9.8
E	2.3	4.2	3.7	2.5	.1							14.5	7.5
ESE	.3	1.4	.5	.2								2.9	5.4
SE	1.6	1.4	.1	.0								3.2	4.0
SSE	1.1	1.4	.5	.0	.0							3.1	4.8
S	1.2	2.7	1.0	.6								6.2	6.3
SSW	.5	1.0	1.0	.5								3.0	7.2
SW	.4	1.2	2.0	2.2	.2	.1						6.1	9.8
WSW	.5	1.0	1.8	2.2	.9	.2	.1					6.9	11.2
W	1.2	1.5	2.2	4.3	.9	.1						10.1	10.9
WNW	.6	.6	.7	1.5	.2	.1	.0					3.8	10.2
NW	.5	1.1	.9	1.4	.1	.1						4.2	9.0
NNW	.3	.3	1.1	.9	.0							3.1	8.6
VARBL	.4	.1										.6	2.8
CALM												11.5	
	12.5	22.3	26.0	22.5	3.4	.9	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

47-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) D.K.	1-3	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	1.8	.5	.0	.0						4.0	7.7
NNE	.5	.4	1.4	.5	.0	.0						2.9	8.2
NE	.9	1.9	3.8	1.8	.5	.2	.0					8.1	9.4
ENE	1.2	2.2	4.1	2.0	.2							9.6	8.2
E	1.3	3.5	3.9	1.6	.0							11.0	6.8
ESE	.8	1.1	.7	.1								2.7	5.3
SE	.2	.9	.0									1.8	3.9
SSE	.6	.9	.4	.1								2.3	5.3
S	1.3	3.3	2.1	.7								8.2	6.0
SSW	.4	.5	1.1	.7	.0							3.2	7.8
SW	.3	.8	2.0	1.7	.1	.0						5.0	9.9
WSW	.6	1.2	2.1	1.9	.5	.3						6.4	10.4
W	.6	1.9	2.9	3.6	.5	.2						9.8	10.1
WNW	.4	1.0	1.5	1.2	.4							4.9	9.2
NW	.5	1.3	1.3	1.4	.3	.0		.0				4.9	9.9
NNW	.2	.8	1.8	.5								3.1	8.2
VARBL	.4	.1										.5	2.9
CALM												11.9	
	12.6	25.4	29.8	18.4	2.8	.9	.0	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2032

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 IESBADEN AB GERMANY YEARS 47-70 MONTH FEB
 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	1.9	2.4	1.0	.3	.0							5.7	5.4
NNE	1.3	2.3	2.0	.6	.2	.0						6.2	6.7
NE	1.3	2.2	2.1	1.6	.4	.2	.0					7.9	8.5
ENE	1.2	1.9	2.7	2.0	.2							8.0	8.0
E	2.7	2.6	2.1	.8	.1							8.4	6.0
ESE	.5	.8	.3	.1								1.7	5.3
SE	.4	.2										.7	3.5
SSE	.4	.5	.3	.1								1.3	5.9
S	1.3	3.0	2.7	.8	.0							7.9	6.4
SSW	.4	1.0	.8	.2								2.6	6.3
SW	.9	2.0	2.6	.9	.0							6.4	7.3
WSW	.4	1.4	2.2	1.4	.2	.1						5.7	8.9
W	.9	3.0	3.0	2.0	.6	.0						9.7	8.5
WNW	.3	1.1	1.0	.4	.2							3.0	7.9
NW	.4	1.0	1.2	1.0	.2							3.9	8.8
NNW	.7	.9	1.0	.3	.0							3.0	6.6
VARBL	.4											.4	1.9
CALM												17.5	
	13.9	26.4	25.0	12.7	2.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 3501C WIESBADEN AB GERMANY 47-70 FEB
STATION NAME YEARS MONTH
 CLASS ALL WEATHER 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.9	1.5	.2	.0							6.1	5.5
NNE	2.0	1.5	1.5	.4	.1							5.6	5.8
NE	2.1	1.8	1.9	2.2	.6	.1						8.7	5.6
ENE	.9	2.6	2.9	2.1	.4							8.9	8.4
E	2.3	2.9	3.1	1.2	.0							9.6	6.5
ESE	.7	.2										.9	3.3
SE	.4	.8	.0									1.3	4.4
SSE	.3	.2	.2	.3								1.1	6.2
S	1.3	2.2	1.5	.5								5.5	6.0
SSW	.7	1.1	.6	.1	.0							2.7	5.9
SW	.6	2.2	2.0	1.3								5.1	7.6
WSW	.4	1.6	2.3	1.4	.1							5.8	8.2
W	1.4	2.7	2.8	1.2	.5		.1					8.7	7.8
WNW	1.0	1.0	.8	.4	.0							3.3	6.5
NW	.6	.9	.9	1.0	.1	.1						3.7	8.9
NNW	.5	.7	.8	.2	.0	.0						2.5	6.8
VARBL	1.0	.0										1.1	2.1
CALM												18.5	
	19.1	25.4	22.9	12.6	2.1	.3	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 KIESSBADEN AB GERMANY 46-70 MAR

STATION STATION NAME YEARS

ALL WEATHER 0000-0200

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	3.0	1.5	.2	.0							7.1	5.1
NNE	1.2	2.0	1.3	.7	.2	.1						5.5	7.1
NE	1.4	3.1	2.3	2.1	.3	.0						9.2	7.8
ENE	.8	2.5	3.5	2.5	.3	.0						9.5	8.5
E	1.2	2.7	2.5	2.5	.3							9.7	8.2
ESE	.5	.4	.1									1.0	4.0
SE	.2	.4		.0								.6	4.5
SSE	.2	.3										.4	3.8
S	.3	.8	.5	.1								1.8	5.7
SSW	.2	.6	.6	.1		.0						1.5	5.9
SW	.4	1.1	2.1	.5								4.2	7.3
WSW	.4	1.4	1.9	1.4	.4	.1						5.6	9.3
W	1.4	2.5	2.3	1.9	.3	.0						8.5	7.8
WNW	1.2	1.2	1.1	.5								4.0	6.1
NW	1.8	1.3	1.4	.4	.1	.0		.0				3.1	6.6
NNW	.9	1.8	1.2	.3								4.3	6.2
VARSL	.9											.9	2.1
CALM												21.0	
	15.3	25.3	22.7	13.4	1.9	.4		.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 33010 WIESBADEN AP FR ANY 46-70 VAR
STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
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	2.4	2.9	1.5	.3								7.1	5.2
NNE	1.3	2.1	1.6	.9	.0							5.6	6.8
NE	1.2	2.2	2.2	.6	.2	.2						7.7	8.2
ENE	.9	2.5	3.4	2.5	.3							9.5	3.6
E	1.1	2.6	3.0	2.2	.3							9.2	6.1
ESE	.9	.3	.1	.0								1.3	3.8
SE	.5	.3	.0									.8	3.8
SSE	.5	.2	.1									.7	4.1
S	.7	1.2	.6	.2								2.7	5.6
S.W.	.3	.5	.6	.3								1.8	7.3
SW	.4	1.2	1.3	.8	.0	.1						3.8	8.1
WSW	.5	1.4	2.0	1.2	.3	.2						5.6	8.9
W	1.9	2.4	2.8	1.6	.3							9.0	7.4
WNW	1.1	1.2	.7	.5	.1							3.5	6.4
NW	1.7	1.5	.8	.3	.1							4.6	5.7
NNW	1.2	1.2	1.1	.5	.3	.0						4.3	7.2
VAR:IL	.5											.5	1.5
CALM												22.3	
	16.6	23.0	21.8	13.2	1.9	.5						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
STATION

WIESBAUEN AB GERMANY
STATION NAME

46-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.5	1.8	.3								6.4	5.6
NNE	.8	1.8	1.6	.7	.0	.0						5.0	7.1
NE	1.4	2.6	1.9	1.7	.3	.0						7.8	7.8
ENE	1.0	1.9	3.3	3.0	.3							9.6	9.0
E	1.6	2.9	3.6	2.3	.1							10.3	7.7
ESE	.6	.5	.2	.1	.0							1.5	5.0
SE	.7	.6										1.3	3.4
SSE	.2	.4	.1									.8	4.5
S	.7	.8	.9	.2								2.5	6.1
SSW	.5	.6	.9	.3								2.2	7.3
SW	.6	.9	1.7	.7	.3	.0						4.2	8.6
WSW	.8	1.4	1.4	1.2	.4	.1						5.1	9.1
W	1.1	2.2	2.8	1.9	.1							8.1	7.8
WNW	1.4	1.2	.6	.6	.0							3.8	6.1
NW	1.7	1.7	1.0	.5	.0							5.0	5.9
NNW	.8	.6	.8	.6	.1	.1	.0					3.0	8.2
VARBL	.5	.1										.6	2.0
CALM												22.6	
	15.9	22.6	22.7	14.2	1.7	.3	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAL/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 WIESBADEN AB GERMANY STATION NAME 46-70 YEARS MAR
 CLASS ALL WEATHER HOURS (L & 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	.7	1.5	1.8	.4		.0						4.4	7.0
NNE	.4	.7	.8	.8	.1							2.8	8.4
NE	.9	1.2	2.1	2.2	.5	.1						6.9	9.7
ENE	.4	1.2	3.6	3.4	.4							9.1	9.9
E	1.8	3.2	5.9	3.5	.4	.0						14.9	8.4
ESE	1.1	.9	.6	.2	.0							3.0	5.6
SE	.3	1.1	.1	.1								2.2	4.3
SSE	.7	.6	.3	.0								1.9	4.7
S	1.0	1.3	1.0	.3								3.9	5.7
SSW	.5	.6	.6	.8	.1							2.7	8.2
SW	1.1	1.0	1.6	1.5	.7	.1						6.0	9.4
WSW	.6	1.0	2.1	1.9	.5	.1						6.2	9.8
W	1.4	2.0	2.8	2.2	.6	.2						9.0	9.0
WNW	1.0	.6	.9	.7	.0							3.3	7.3
NW	.9	.9	1.0	.9	.3	.0						4.1	7.9
NNW	.4	1.0	1.3	1.3	.1	.1						4.3	9.0
VARBL	.8	.2										1.0	2.3
CALM												14.3	
	14.6	19.7	26.8	20.3	3.7	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

AIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.0	.8	.1							4.3	8.0
NNE	.3	.4	1.2	.6	.1	.0						2.7	9.2
NE	.2	1.1	2.5	1.7	.6	.2						6.2	10.6
ENE	.3	1.6	3.1	2.5	.4							8.0	9.5
E	1.3	3.5	4.9	3.3	.4	.0						13.5	8.5
ESE	.4	1.5	1.4	.7	.1							4.1	7.5
SE	.9	1.4	.4	.1								2.7	4.8
SSE	1.2	.7	.3	.0								2.2	4.5
S	1.7	2.5	1.7	.6	.0							6.6	6.1
SSW	.9	1.1	1.2	.9	.3							4.3	8.1
SW	.9	1.4	1.6	2.8	.9	.2						7.7	10.5
WSW	.3	.8	1.7	2.7	.8	.1	.1					6.5	11.8
W	.5	1.0	2.3	3.0	.9	.2						7.9	11.2
WNW	.6	.6	1.3	1.3	.5	.0						4.3	9.9
NW	.4	.7	1.8	1.7	.7	.1						5.4	10.7
NNW	.5	.5	1.7	1.1	.1							3.8	9.0
VARBL	1.2	.4										1.5	2.6
CALM												8.2	
	11.9	20.3	29.0	23.8	5.9	.9	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

RIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

VAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.9	.9	.1							4.5	8.0
NNE	.3	.7	1.1	.5	.2	.0						2.9	9.0
NE	.5	2.4	3.1	2.5	.6	.3						9.5	9.6
ENE	.6	1.6	3.2	1.6	.2	.0						7.2	8.7
E	1.1	2.8	5.5	3.1	.1							12.5	8.5
ESE	.3	.7	1.2	.8								3.1	8.0
SE	1.0	1.1	.5	.0	.1							2.7	5.1
SSE	.7	1.0	.4									2.1	4.8
S	1.0	2.2	1.5	.9	.1							5.7	6.8
SSW	.4	.7	.9	.8	.1		.0					2.9	8.9
SW	.4	1.3	2.0	3.0	.7	.1						7.4	10.7
WSW	.6	.6	1.9	2.5	.3	.0						6.0	10.2
W	.7	1.6	2.2	4.0	1.3	.1						9.8	10.7
WNW	.2	.5	1.3	1.2	.3	.1						3.7	10.8
NW	.7	.9	2.5	2.2	.4	.2						7.0	10.1
NNW	.4	.8	1.4	1.4	.3	.0						4.4	9.6
VARBL	.6	.3										.9	2.9
CALM												7.7	
	10.2	20.4	30.7	25.4	4.6	1.0	.0					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	2.4	.8	.2							7.2	6.9
NNE	1.4	1.5	1.6	.5	.1	.1						5.2	6.9
NE	2.3	3.4	3.1	2.0	.6	.1						11.6	7.7
ENE	.9	2.8	3.1	1.2	.3	.0						8.4	7.8
E	2.4	3.6	3.3	1.0								10.3	6.3
ESE	.4	.6	.7	.3								2.0	6.7
SE	.6	.6	.4									1.5	4.6
SSE	.2	.3	.2									.7	5.3
S	.7	2.0	.6	.3	.1							3.6	5.8
SSW	.5	.9	.7	.6	.1							2.8	7.9
SW	.4	1.2	2.0	1.6	.3							5.6	9.2
WSW	.5	1.4	2.0	1.9								5.8	8.7
W	.6	2.3	3.1	1.8	.3	.1						8.4	8.8
WNW	.6	1.0	1.3	.9	.3	.0						4.1	.7
NW	.9	1.9	1.8	1.3	.2							6.0	7.8
NNW	.8	1.2	2.4	.7	.0							5.1	7.4
VARBL	.3	.0										.3	2.3
CALM												11.2	
	15.2	27.0	28.6	14.9	2.6	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010 STATION WIESBADEN AB GERMANY YEAR 46-70 MAR MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	3.1	1.9	.7	.0							5.0	5.5
NNE	1.4	2.4	1.7	.3	.2	.0						6.0	6.3
NE	1.7	2.7	3.0	2.6	.6	.2						10.8	8.6
ENE	1.1	2.7	3.1	1.9	.1	.1						9.0	7.9
E	1.9	2.6	2.7	2.3	.3							9.8	7.7
ESE	.5	.3	.3	.1								1.4	5.3
SE	.3	.4		.0								.8	4.3
SSE	.2	.3	.1									.6	5.1
S	.9	1.2	.4	.2	.0	.0						2.8	6.1
SSW	.2	.6	.3	.1	.0							1.1	6.3
SW	.6	1.6	2.2	.9	.2		.0					5.6	8.2
WSW	.2	.9	1.9	1.2	.3							4.4	9.3
W	1.6	2.2	2.5	1.2	.2	.0						7.9	7.3
WNW	.7	1.2	.3	.6			.0					3.9	7.3
NW	1.2	1.9	1.2	1.1	.1	.0						5.6	7.1
NNW	.9	1.2	1.2	.6	.0							3.9	6.6
VARBL	.7											.7	2.0
CALM												16.8	
	16.8	26.3	23.6	13.9	2.1	.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION AIESBADEN AB GERMANY STATION NAME 46-70 YEARS APR 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	2.2	4.0	2.2	.9	.1							9.8	6.2
NNE	1.7	2.6	2.3	.7	.1							7.4	6.4
NE	1.7	2.4	2.5	1.8	.2							8.6	7.6
ENE	1.6	1.4	2.1	1.1	.1							6.3	7.2
E	2.5	1.6	1.3	.3	.1							6.4	5.9
ESE	.3	.1	.2	.2								1.0	6.3
SE	.4	.4	.0									.8	3.6
SSE	.4	.4	.2	.1								1.0	5.7
S	.9	1.1	.7	.4	.1							3.1	6.3
SSW	.6	1.0	1.0	.1								2.7	6.0
SW	.7	1.6	1.8	.7								4.7	7.3
WSW	.7	1.5	.8	.6	.1	.1						3.8	7.4
W	1.9	2.9	1.7	.9	.3							7.8	6.7
WNW	1.2	1.5	1.4	.6		.0						4.8	6.5
NW	1.3	2.2	1.4	.8	.1							5.8	6.5
NNW	1.2	1.4	1.2	.5	.0							4.3	6.2
VARBL	.8		.0									.9	2.1
CALM												20.4	
	20.2	26.2	21.6	10.2	1.3	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION RIESEBACH AB GERMANY STATION NAME 46-70 YEARS APR MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	3.3	2.7	.9	.0							9.2	6.0
NNE	1.9	2.7	1.8	.8	.1	.1						7.4	6.2
NE	1.6	2.3	2.8	1.6	.0							8.4	7.4
ENE	1.2	1.6	2.1	.7	.1							5.7	6.8
E	2.5	1.3	1.3	.5	.0							5.7	5.5
ESE	.4	.2	.1	.1								.9	4.8
SE	.4	.4	.0									.9	4.0
SSE	.3	.4	.2	.3								1.0	5.3
S	.0	1.6	.6	.3	.1							3.4	6.0
SSW	.3	1.5	.6	.1	.0							2.4	6.1
SW	1.1	1.4	.8	.4	.0							3.8	6.1
WSW	.8	1.4	1.4	.6	.2	.1	.0					4.6	7.8
W	1.8	2.3	2.3	1.2	.1							8.2	6.6
WNW	1.4	2.1	.8	.1								4.4	4.9
NW	1.3	2.0	2.3	.6								5.6	6.6
NNW	1.2	2.0	1.5	.6	.0							5.3	6.4
VARBL	.5	.0	.0									.6	2.4
CALM												22.5	
	27.0	26.5	21.0	6.5	.9	.2	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEAT-ER SERVICE/AC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS APR 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	1.9	2.4	3.0	.9	.1							8.3	6.6
NNE	.8	1.9	2.3	1.0	.1	.1						5.8	7.9
NE	1.1	1.7	2.2	1.9	.3							7.3	8.3
ENE	1.0	1.7	1.6	1.6	.2							6.1	7.9
E	2.3	1.9	1.7	.9								6.5	6.3
ESE	.9	.5	.2	.0								1.6	4.4
SE	.6	.6	.1									1.2	3.8
SSE	.5	.7	.5	.3								1.9	6.1
S	1.6	1.9	.7	.4	.0							4.1	5.4
SSW	.8	.7	.8	.3	.1							2.7	6.9
SW	.6	2.2	1.8	.4	.1							5.1	6.8
WSW	.2	.9	1.4	1.0	.2	.0						4.3	8.5
W	2.3	2.5	2.1	1.2	.2	.0						8.4	6.7
WNW	1.5	1.3	.8	.5								4.1	5.2
NW	1.2	1.8	1.6	1.2		.0						5.8	7.0
NNW	.5	1.0	1.1	.5	.1							3.2	7.6
VARBL	.6	.1	.1	.0								.8	3.2
CALM												22.7	
	18.5	23.3	21.9	11.9	1.4	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/PAAC

SURFACE WINDS

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

35010 STATION RIESBADEN AB GERMANY STATION NAME 46-70 YEARS APR MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.G.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.5	3.4	1.5	.4							7.3	9.1
NNE	.2	.8	1.8	1.1	.1							4.3	9.3
NE	.3	.7	1.8	1.7	.6	.1						5.3	10.8
ENE	.4	.8	2.1	2.2	.3	.1						5.9	10.3
E	.5	2.8	3.9	2.4	.4							10.4	8.3
ESE	.6	1.0	1.0	.3								2.9	6.6
SE	1.3	1.1	.3	.0								2.8	4.0
SSE	1.2	1.5	.4	.3								3.3	5.2
S	2.2	2.4	1.3	.5								6.3	5.4
SSW	1.0	1.0	.9	.6	.4	.2						3.9	8.1
SW	1.7	2.0	2.2	1.7	.4	.3						8.1	8.0
WSW	.9	1.2	2.2	1.6	.4	.2						6.4	9.2
W	1.2	2.1	2.6	1.7	.6	.1						8.3	8.5
WNW	.5	.8	1.1	1.2	.2	.1						3.9	9.3
NW	.5	.6	1.8	1.3	.0							4.3	8.9
NNW	.1	1.0	1.7	1.2	.3	.1						4.5	9.6
VARB	1.5	.5	.3		.0							2.4	3.4
CALM												9.8	
	15.2	21.9	28.7	19.5	4.1	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/YAC

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 MONTH APR
 CLASS ALL WEATHER MONTHS (L.F.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	2.1	2.2	.2							6.1	9.6
NNE	.2	.9	1.0	1.2	.2							3.6	9.7
NE	.9	1.2	1.5	2.4	.4	.2						6.1	10.8
ENE	.5	.8	2.2	1.8	.3	.1						5.7	9.7
E	.8	2.3	3.6	2.0	.0							9.0	9.2
ESE	.5	1.3	1.4	.4								3.6	6.8
SE	.7	1.1	.5	.2								2.6	5.5
SSE	.6	1.1	.5	.5	.0							2.8	6.7
S	1.8	2.9	2.0	.4	.1							7.3	6.0
SSW	.8	1.5	1.6	1.2	.1	.1						3.6	8.2
SW	1.1	1.6	3.4	3.0	.6	.2						9.9	9.7
WSW	.8	1.2	1.8	2.1	.4	.4						5.7	10.2
W	.7	1.5	2.6	3.3	.5	.0						5.7	9.9
WNW	.4	.9	.9	1.3	.4	.1						3.7	10.8
NW	.1	.8	2.2	1.8	.3	.0						5.3	10.1
NNW	.3	.7	2.0	1.8	.3	.0						5.2	10.1
VARBL	1.4	1.1	.3	.3	.0							3.2	4.9
CALM												5.2	
	11.3	22.0	30.1	26.1	4.0	1.2						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 35010 WIESBADEN AB GERMANY YEAR 48-70 MONTH APR
STATION NAME YEAR MONTH
 CLASS ALL WEATHER NOZD (C, S, T)
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.4	2.7	2.5	.5							7.5	9.8
NNE	.2	.2	1.0	2.0	.3							3.7	11.3
NE	.5	1.3	1.6	2.4	.6	.1						6.4	10.6
ENE	.7	1.1	2.1	1.5	.2	.1						5.8	9.4
E	.6	2.4	2.8	1.2	.0							7.2	7.4
ESE	.4	1.1	1.1	.4								3.0	6.9
SE	.4	1.1	.6	.0								2.4	5.5
SSE	.4	.9	.8	.2	.1							2.4	6.7
S	1.0	3.1	2.7	.4	.1							7.3	6.5
SSW	.6	1.6	1.6	.6	.1							4.6	7.6
SW	.6	2.1	3.1	2.4	.6	.0	.0					9.2	9.5
WSW	.4	1.6	2.1	2.9	.5	.2						7.6	7.5
W	.6	2.0	3.0	3.5	.7	.2						10.0	10.1
WNW	.4	.5	1.5	1.7	.2	.1						4.4	10.1
NW	.2	.8	2.2	2.2	.4							5.9	10.2
NNW	.2	1.0	2.2	2.0	.3							5.7	10.1
VARBL	1.0	.7	.2	.2								2.2	4.7
CALM												4.6	
	8.8	22.8	31.9	25.1	4.9	.8	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESS: DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/YAC

SURFACE WINDS

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

35010
STATION

WESSHADEN AB GERMANY
STATION NAME

65-76
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	3.2	2.5	1.9	.2							9.6	8.0
NNE	.8	2.6	1.9	1.5	.1							5.3	7.9
NE	1.1	3.2	2.5	2.6	.3	.0						9.2	8.0
ENE	1.2	1.0	1.6	.9	.2							5.2	7.4
E	2.2	2.3	1.7	.3	.0							6.4	5.5
ESE	.5	1.1	.4	.2								2.4	5.6
SE	.5	.8	.2									1.6	4.4
SSE	.5	1.1	.4	.2								2.3	5.6
S	1.4	1.9	1.6	.1								4.9	5.6
SSW	.5	1.2	1.1	.9								3.7	7.4
SW	.9	2.3	2.4	1.2	.3							7.2	7.9
WSW	.7	1.2	2.1	1.2	.4	.1						5.7	8.8
W	1.0	2.5	2.9	1.8	.3	.1						8.5	8.1
WNW	.3	1.6	1.5	.7	.1							4.4	7.2
NW	.4	2.0	2.5	1.7	.0							6.5	8.2
NNW	.5	1.6	2.5	2.1	.3							7.3	8.8
VARBL	.4	.2	.1	.0								.7	4.6
CALM												7.9	
	12.9	29.7	29.1	15.7	2.2	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESS: 4 DI 1510
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

AIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

APR
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	%	SAN IND JUDGE
N	2.2	4.1	3.1	1.3	.1							10.9	6.6
NNE	1.9	3.1	2.3	.7	.4							8.3	6.8
NE	1.8	2.6	3.0	2.4	.3							10.4	7.8
ENE	1.2	1.8	1.7	.8	.3							5.8	7.2
E	2.2	2.2	.8	.-	.0							5.7	5.3
ESE	.2	.4	.3									1.0	4.6
SE	.4	.5	.1	.0								1.1	4.6
SSE	.4	.5	.2	.2								1.4	6.0
S	1.1	1.2	.3	.2								3.4	5.3
SSW	.2	.6	.5	.4								2.0	7.0
SW	1.1	1.5	1.9	.6	.1	.1						5.3	7.3
WSW	1.2	1.5	1.4	.3	.1	.1						5.0	7.4
W	1.7	2.4	1.9	.9	.2							7.2	6.7
WNW	.3	1.0	.8	.4								.7	6.3
NW	1.2	2.1	2.4	.7	.2							6.6	7.0
NNW	1.1	2.0	1.9	1.2	.0							6.2	7.2
VARIABLE	.5	.1	.2	.0								.8	4.1
CALM												15.8	
	19.4	28.1	27.5	11.2	1.7	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2247

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY 46-70 MAY
STATION STATION NAME YEAR 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	2.4	4.0	2.0	.9	.0							10.3	5.1
NNE	2.4	3.4	1.9	.5	.2	.0						8.4	5.9
NE	1.3	2.8	2.8	1.3	.5							9.2	7.4
ENE	1.2	2.1	2.5	1.6	.1							7.5	7.6
E	1.2	1.7	2.2	1.3								6.6	7.1
ESE	.4	.3	.2									.9	4.8
SE	.2	.3										.5	3.8
SSE	.3	.2	.0	.0								.5	4.4
S	.9	.9	.2	.1								2.1	4.5
SSW	.3	.7	.3	.0								1.3	5.5
SW	.7	.9	.3	.1		.0						2.2	3.4
WSW	.3	1.6	.8	.3								3.3	6.3
W	1.6	2.7	1.9	.8		.1	.0					7.3	6.7
WNW	1.1	1.3	.9	.3								3.6	3.4
NW	1.3	1.5	1.2	.6								5.0	6.6
NNW	2.0	1.4	1.2	.6								5.3	5.9
VARBL	.9	.1	.1									1.1	2.7
CALM												24.9	
	20.5	25.9	18.6	8.9	.9	.2	.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	3.4	2.0	.5	.0	.0						8.6	5.7
NNE	2.0	2.6	1.8	.6	.1	.0						7.2	6.1
NE	2.4	3.3	2.2	.9	.3	.0						9.1	6.5
ENE	1.2	2.0	2.3	.9	.2							6.7	7.2
E	1.7	1.4	1.8	.6	.0							5.6	6.3
ESE	.3	.4	.3									.9	5.0
SE	.5	.1										.6	3.2
SSE	.5	.4	.1									1.0	3.7
S	.6	.9	.3	.0		.0						1.9	4.9
SSW	.6	.7	.2									1.5	4.9
SW	.7	1.4	1.1	.1								3.3	5.9
WSW	.7	.9	.9	.4								2.9	6.0
W	1.8	3.0	1.3	.3	.1	.0						6.7	5.7
WNW	1.9	1.8	.7	.1								4.6	4.4
NW	1.7	2.2	1.2	.5	.0	.0						5.7	6.2
NNW	1.2	1.2	.6	.5	.1							3.6	6.0
VARBL	1.2	.1	.1									1.4	2.5
CALM												25.9	
	21.4	25.8	17.0	5.7	.9	.3						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

35010
STAT. NO.

AIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MAY
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	1.4	2.0	2.2	.6	.1							6.9	6.3
NNE	1.0	1.6	1.8	.7	.1							5.3	7.1
NE	.9	2.1	2.1	1.5	.2	.1						6.9	8.2
ENE	1.1	1.8	2.1	1.4	.4	.0						6.8	8.2
E	1.4	1.6	2.8	1.6	.0							7.4	7.5
ESE	1.2	.5	.6	.1								2.3	4.8
SE	1.1	.4										1.5	3.1
SSE	.8	.4	.1									1.3	3.7
S	1.4	.9	.6	.0								2.9	4.4
SSW	.6	.9	.5									2.1	5.0
SW	.9	2.2	1.2	.5								4.7	6.2
WSW	1.5	1.7	1.2	.3	.0							4.9	5.8
W	2.1	3.5	2.0	.7	.0							8.3	5.9
WNW	1.4	2.2	1.1	.2								4.9	5.3
NW	1.2	1.5	1.3	.6	.0							4.6	6.4
NNW	1.2	1.5	1.3	.5	.0		.0					4.5	6.4
VA:BL	1.0	.4	.1									1.5	3.0
CALM												23.1	
	20.2	25.8	20.9	8.6	1.0	.1	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ACG

SURFACE WINDS

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

35010 AIESHADEN AB GERMANY 46-70 4Y
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0900-1100
CLASS 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	.6	1.9	2.2	.9	.1							5.7	7.6
NNE	.5	.9	1.7	1.2	.6							4.9	9.5
NE	.2	1.1	1.8	1.5	.4	.3						5.3	10.7
ENE	.5	1.4	2.5	2.1	.3	.1						8.9	9.5
E	.9	3.1	4.9	2.8	.3							12.0	8.4
ESE	.7	1.9	1.4	.6								4.6	6.5
SE	.9	1.5	.6	.0								2.9	4.9
SSE	.8	1.2	.5	.1								2.5	5.0
S	1.9	2.5	1.4	.2								6.0	5.1
SSW	.7	1.3	1.2	.1								3.4	6.0
SW	1.4	1.9	2.2	1.4	.1							7.0	7.5
WSW	.9	2.0	2.3	1.2	.3							6.7	7.9
W	1.1	2.1	2.8	1.8	.6	.0						8.2	8.3
WNW	.4	1.0	1.3	.6	.1							3.5	7.7
NW	.7	.5	1.8	1.1	.1							4.2	8.4
NNW	.7	.8	1.7	1.0	.0	.0						4.3	8.3
VARBL	2.5	.8	.3	.3	.0	.0						2.9	4.0
CALM												8.0	
	15.3	25.3	30.7	16.9	2.8	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

RIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MAY
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	.6	1.3	2.9	1.2	.2	.0						6.3	8.6
NNE	.5	1.1	1.2	1.3	.3							4.5	9.6
NE	.3	1.5	1.6	1.9	.5	.3	.1					6.4	10.9
ENE	.3	.9	1.7	1.8	.5	.0						5.3	10.2
E	1.1	1.9	3.4	2.7	.2	.0						9.4	8.7
ESE	.5	1.2	1.2	.3	.1							3.4	7.5
SE	.5	1.0	.7	.2								2.4	6.0
SSE	.6	1.2	.6	.3								2.7	6.2
S	1.2	3.1	2.7	.6								7.6	6.4
SSW	.2	1.8	2.0	.6	.0							5.2	6.9
SW	.5	1.7	3.1	1.5	.1							7.0	6.3
WSW	.5	1.4	2.2	1.9	.2	.1						6.4	8.9
W	.5	1.7	3.6	2.3	.3	.2						8.6	9.6
WNW	.5	1.4	1.1	1.1	.3							4.4	3.6
NW	.6	1.4	2.3	1.6	.2	.0						6.2	8.7
NNW	.4	1.0	2.0	1.0	.3							4.7	8.6
VARBL	2.2	1.2	.6	.3								4.4	4.7
CALM												5.3	
	11.9	24.8	33.1	20.7	3.3	.6	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESS: CIVISIC
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MAY
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	.5	1.6	2.9	1.4	.1	.0						6.5	8.5
NNE	.3	1.1	1.9	1.5	.5	.1						5.4	10.1
NE	.4	1.5	2.1	2.4	.2	.3	.1					7.0	10.2
ENE	.3	.7	1.9	1.8	.2	.1						5.0	10.0
E	.8	2.3	3.1	2.1	.0							8.4	8.0
ESE	.3	.9	1.8	.3	.0							3.3	7.6
SE	.4	1.1	.6	.0								2.2	7.5
SSE	.7	1.6	.7	.1								3.1	7.4
S	1.5	2.8	1.8	.6	.0							6.8	6.0
SSW	.8	1.3	1.7	.6	.0							4.4	7.1
SW	.3	1.5	2.0	2.0	.2							5.9	9.3
WSW	.3	1.8	2.2	1.9	.3							6.5	8.8
W	.7	2.6	3.7	2.2	.5							9.6	8.6
WNW	.1	1.0	1.8	1.3	.4							4.6	9.9
NW	.9	1.0	2.3	1.9	.4	.1						6.6	9.4
NNW	.3	1.0	2.0	1.8	.3	.0						6.2	9.6
VARBL	1.5	.8	.6	.3								3.3	5.1
CALM												4.9	
	12.3	24.7	33.9	22.2	3.1	.6	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/NAO

SURFACE WINDS

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

35010
STATION

PIESBACHEN AB GERMANY
STATION NAME

46-70
YEARS

MAY
MONTH

ALL FEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.1	3.7	1.5	.2	.0						10.3	7.4
NNE	.8	2.1	2.7	1.5	.2							7.2	8.0
NE	.9	2.7	3.1	1.9	.2	.2						9.0	8.5
ENE	1.1	1.6	2.5	1.5	.2	.1						7.0	8.4
E	1.4	2.5	1.8	.7	.0							6.4	6.2
ESE	.5	.9	.7	.3								2.4	6.4
SE	.6	.6	.2	.1								1.5	4.6
SSE	.5	1.1	.2	.0	.0							1.9	5.0
S	1.3	2.8	.9	.2	.0							5.3	5.2
SSW	.5	.7	.7	.3								2.2	6.5
SW	.6	1.6	2.1	.9								5.2	7.5
WSW	.6	1.4	1.9	.9	.1							5.1	7.6
W	1.3	2.5	3.0	1.5	.1							8.5	7.5
WNW	.3	1.3	1.8	.9								4.7	7.4
NW	.8	2.3	2.1	1.4	.2							6.7	7.7
NNW	.9	1.9	2.5	1.7	.2							7.2	8.4
VARBL	.9	.2	.3									1.5	3.5
CALM												3.0	
	15.3	29.4	30.1	15.4	1.5	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

39010
STATION

AIRSBADEN AB GERMANY
STATION NAME

46-70
YEARS

DAY
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	3.0	4.2	3.3	1.2	.0							11.5	6.1
NNE	2.2	4.2	3.4	1.2	.3	.0						11.3	6.8
NE	1.9	3.3	2.8	1.4	.2							9.6	7.0
SNE	1.6	2.2	1.9	1.4	.4							7.5	7.5
E	1.7	1.6	1.7	.5	.1							5.6	6.1
ESE	.2	.4	.3									.8	5.4
SE	.3	.2	.0									.5	3.9
SSE	.3	.2										.4	3.5
S	.9	.9	.4	.1								2.3	4.7
SSW	.0	.6	.2	.0								.9	5.7
SW	.4	1.5	1.1	.1		.1						3.1	6.5
WSW	.5	1.2	1.3	.3		.0						3.4	7.1
W	1.7	3.2	2.3	.5								7.7	5.9
WNW	1.3	1.5	.7	.3								3.7	5.4
NW	.8	1.6	1.9	.6	.0							5.1	7.1
NNW	1.4	2.9	1.4	.9	.3	.0						6.7	6.6
VARBL	.9	.1	.0									1.0	2.3
CALM												18.5	
	19.0	29.7	22.8	8.4	1.1	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35019
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

JUN
 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	3.7	4.0	1.9	.2								9.9	4.6
NNE	1.9	3.0	1.5	.4								6.7	5.4
NE	1.7	2.2	1.8	.9	.0							6.7	6.3
ENE	1.2	1.7	2.0	.9								5.7	6.9
E	1.5	1.3	.9	.3								4.0	5.4
ESE	.4	.1	.0									.6	3.3
SE	.4	.5										.9	4.0
SSE	.4	.3	.2									.9	4.9
S	.7	1.6	.2	.0								2.5	4.6
SSW	.7	.6	.1	.0								1.6	4.9
SW	.7	1.4	.8	.1								2.9	5.4
WSW	.7	1.6	1.0	.4								3.7	6.1
W	1.7	3.2	1.8	.6								7.3	5.9
WNW	1.2	1.7	.6	.3								3.9	5.4
NW	2.4	3.3	1.7	.5								8.0	5.3
NNW	1.2	1.5	.8	.2	.1							3.8	5.7
VARBL	1.1	.1	.0									1.3	2.3
CALM												29.5	
	21.7	28.2	15.5	4.9	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

2248

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMAN
STATION NAME

66-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.5	1.0	.3								8.2	5.1
NNE	2.2	2.3	1.0	.2	.0							5.7	4.8
NE	1.3	2.0	1.5	.7								5.6	5.3
ENE	1.3	1.5	1.6	.6								5.3	5.2
E	1.0	1.4	.6	.2								3.3	5.4
ESE	.3	.1			.0							.5	4.6
SE	.7	.4	.0									1.2	3.7
SSE	.5	.2	.1									.8	3.4
S	1.1	.8	.4	.2								2.3	4.7
SSW	.3	.7	.4	.5								1.6	5.1
SW	.8	1.2	1.3	.4								3.4	6.1
WSW	.3	1.5	.8	.2	.0							3.5	5.8
W	1.9	2.8	1.1	.6								6.5	5.4
WNW	1.6	1.9	.7	.3								4.4	4.9
NW	2.3	3.2	1.5	.4								7.4	5.4
NNW	2.2	1.3	.7	.3	.0							4.5	4.7
VARBL	.8	.3										1.1	2.6
CALM												34.8	
	22.2	25.4	13.2	4.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010 STATION WIESBADEN AB GERMANY STATION NAME 40-70 YEARS JUN MONTH 0600-0800 HOURS (LST) 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	1.8	2.6	2.3	.6								7.2	6.0
NNE	1.2	1.6	.9	.4								4.0	5.8
NE	.6	1.7	1.8	.9								5.1	7.4
ENE	.9	1.0	2.0	1.2								5.9	7.4
E	1.3	2.0	2.6	.8								6.8	6.7
ESE	.5	.5	.1	.0								1.4	4.0
SE	.7	.4	.1	.0								1.2	3.4
SSE	.7	.5	.2	.0								1.4	4.0
S	1.5	1.5	.5	.1								2.6	4.6
SSW	.4	.6	.6	.2								1.9	6.4
SW	1.1	1.8	1.4	.5	.1							4.9	6.5
WSW	1.3	2.0	1.4	.6	.1							5.3	6.3
W	2.5	2.8	1.8	.9								8.0	5.9
WNW	1.5	1.7	1.7	.5								5.4	6.1
NW	2.2	2.1	1.6	.4	.0							6.4	5.6
NNW	.5	1.4	1.3	.3	.0							3.7	7.2
VARBL	1.0	.2	.1									1.3	2.8
CALM												26.4	
	20.0	25.2	20.4	7.8	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ LC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY 46-75 JUN
STATION STATION NAME YEAR 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	.7	1.9	1.6	.7	.1							5.1	7.0
NNE	.4	.7	.8	.4	.0							2.4	7.3
NE	.5	.8	1.7	.9	.1	.0						4.0	8.4
ENE	.3	1.1	3.1	1.9	.4							6.7	9.5
E	1.6	2.3	4.0	3.5								9.4	6.7
ESE	.5	1.6	.9	.1	.0							3.2	5.9
SE	.2	1.3	.1	.0								2.4	4.4
SSE	.3	.9	.5									2.2	4.9
S	2.3	2.6	1.4	.1								6.2	4.8
SSW	.7	1.5	1.4	.5	.0							4.1	7.1
SW	1.1	2.8	2.2	1.9	.2							8.1	7.6
WSW	.8	2.8	2.2	1.6	.2							7.7	7.7
W	1.3	3.3	3.5	1.5	.2							10.2	7.4
WNW	.7	1.4	1.8	.3		.0						4.4	7.1
NW	.5	2.2	1.8	.6	.1							5.3	7.1
NNW	.4	1.5	1.7	.9								4.5	7.8
VARBL	1.5	1.2	.5	.2	.1							3.5	4.7
CALM												10.8	
	14.8	30.1	29.9	12.8	1.4	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 35010 AIRSPACE AB GERMA STATION NAME 46-70 YEARS 1200-1400 MONTH 1200-1400

ALL WEATHER
 CASE
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.7	2.0	.5	.1	.2						4.9	7.7
NNE	.2	.9	.9	.7								2.7	7.8
NE	.5	.2	1.8	1.0	.3							4.8	8.6
ENE	.4	1.0	1.8	1.3	.2							4.5	9.1
E	.9	1.7	2.3	1.2	.0							6.1	7.4
ESE	.5	.9	.8	.1								2.6	5.9
SE	.5	1.3	.3	.2	.0							2.2	5.3
SSE	.6	1.5	1.2	.2								3.4	6.3
S	1.3	2.3	1.5	.6	.1							6.4	6.2
SSW	.5	2.0	1.5	.9	.1							5.0	7.3
SW	.9	2.7	3.2	2.4	.2	.0						9.4	8.9
WSW	.5	2.5	2.7	2.5	.2	.1						8.6	8.9
W	1.2	2.9	4.6	2.7	.4	.1						11.9	8.8
WNW	.3	1.9	2.4	1.2	.1	.0						5.3	8.2
NW	.5	2.1	2.7	1.3	.0							6.7	7.8
NNW	.4	1.4	1.5	.9		.1						4.6	8.2
VARBL	1.6	1.3	1.0	.1								4.1	4.8
CALM												3.6	
	11.6	29.3	32.6	17.5	1.9	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 WIESBADEN AB GERMANY YEARS 46-70 MONTH JUN
STATION NAME CLASS HOURS (L.S.T.)

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	.8	2.4	2.9	.8								6.8	7.1
NNE	.5	1.2	1.5	.7	.1							4.0	7.8
NE	.4	1.7	1.5	1.4	.4	.1						5.6	8.3
ENE	.4	1.2	1.7	1.5	.1							5.0	8.9
E	.3	1.2	1.6	.7	.0							4.4	7.4
ESE	.4	.8	.4	.1								1.6	5.6
SE	.4	.8	.5									1.7	5.3
SSE	.5	1.5	.6	.0								2.6	5.4
S	1.1	3.9	2.4	.3								7.7	6.0
SSW	.4	1.5	1.0	.4	.0							3.3	6.7
SW	.9	2.2	3.1	1.6	.1							8.1	8.1
WSW	.7	2.0	2.7	2.5	.4							8.2	9.2
W	1.2	3.2	4.7	3.2	.2							12.3	8.4
WNW	.5	1.6	3.1	1.9	.2							7.3	8.7
NW	.5	2.4	2.7	1.6	.3							7.4	8.2
NNW	.4	1.9	2.6	1.7	.1	.0						6.8	8.7
VARBL	1.1	.9	.3	.4								2.6	5.3
CALM												4.5	
	10.4	30.2	33.3	18.9	2.0	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS JUN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.9	2.7	.8								9.1	6.1
NNE	.6	2.0	1.7	.6								4.8	6.8
NE	1.0	2.6	2.1	1.4	.2	.0						7.3	7.9
ENE	.8	1.7	1.4	.8	.1							4.9	7.2
E	.8	2.0	1.1	.3								4.2	6.0
ESE	.4	.7	.2									1.4	4.3
SE	.8	.5	.1	.1								1.5	4.3
SSE	.5	1.1	.4									1.9	4.8
S	2.3	3.0	1.2	.2								6.7	5.0
SSW	.6	1.0	.7	.1								2.4	5.6
SW	1.0	2.0	2.2	.7								5.9	6.8
WSW	.8	1.6	1.8	1.0	.0							5.2	7.5
W	1.4	4.1	3.5	1.5	.1	.0						10.6	7.0
WNW	.7	1.8	2.7	.9	.1							6.3	7.7
NW	1.2	2.8	3.0	2.0	.0							9.0	7.6
NNW	1.2	2.7	3.1	1.3	.1			.0				8.5	7.4
VARBL	.8	.1	.0	.1								1.0	3.4
CALM												9.3	
	16.4	33.5	27.8	12.0	.8	.1		.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2248

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

35010 STATION WITSBADEN AB GERMANY 46-70 YEARS JUN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	5.0	2.1	.6	.0							12.6	5.0
NNE	2.2	3.1	1.6	.6								7.8	5.3
NE	2.3	2.5	1.9	1.1	.0							7.9	6.4
ENE	1.1	1.4	1.1	.9	.2							4.7	7.5
E	1.2	1.4	.7	.1								3.3	5.1
ESE	.4	.3										.7	3.6
SE	.4	.3										.7	3.6
SSE	.3	.3	.1									.7	5.0
S	1.0	1.4	.4	.3								2.9	4.6
SSW	.2	.6	.4									1.6	5.1
SW	.8	1.2	1.0	.1		.0						3.1	6.1
WSW	1.1	1.4	1.4	.2								4.1	6.0
W	2.0	3.3	2.2	.5		.0						8.0	6.0
WNW	1.2	1.6	1.6	.7	.1							4.9	6.2
NW	1.5	2.4	2.2	.3								6.5	5.8
NNW	1.5	2.2	2.0	.8								6.5	6.4
VARBL	.2	.2										1.0	2.4
CALM												22.9	
	23.0	29.2	18.7	5.7	.4	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2246

1

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

35010
 STATION

-IESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	3.4	1.6	.5								9.9	4.8
NNE	1.9	2.2	.5	.3								5.0	4.9
NE	1.1	1.7	1.2	.3								4.3	5.9
ENE	1.3	1.1	.9	.2								3.2	5.3
E	1.2	1.2	.7	.2								3.0	5.4
ESE	.2	.3	.2									.9	5.0
SE	.4	.2										.6	3.6
SSE	.4	.3										.7	3.3
S	.3	1.1	.1		.0							2.2	4.4
SSW	.7	.9	.1									1.7	4.1
SW	.7	1.7	.7	.1								3.2	5.3
WSW	1.1	1.4	.7	.2	.0							3.5	5.5
W	1.7	3.3	2.3	.5								8.6	5.9
WNW	1.8	1.9	1.2	.3	.1							5.3	5.5
NW	3.1	2.7	1.6	.8	.0							8.3	5.5
NNW	1.8	1.6	1.0	.3								4.8	5.1
VARBL	.3	.1	.1									.9	3.0
CALM												34.1	
	23.0	25.7	13.2	3.8	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2314

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

38010
STATION

RIESBADEN AB GERMANY
STATION NAME

45-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.5	3.1	1.2	.1	.1							7.9	4.5
NNE	1.3	1.9	.3	.5								4.1	3.5
NE	1.1	1.6	.7	.2	.0							3.6	3.2
ENE	.9	1.1	.5									2.5	4.6
E	1.2	.6	.4	.2								2.5	4.9
ESE	.5	.5	.1									1.1	4.0
SE	.4	.2	.0	.2								.8	3.5
SSE	.3	.1										.4	3.6
S	.7	1.5	.2	.0								2.5	4.4
SSW	.3	.9	.3	.0								1.6	3.0
SW	.6	1.9	.5	.2								3.2	3.3
WSW	1.0	2.0	.9	.2								4.2	3.6
W	2.7	3.6	1.6	.4	.1							8.3	3.4
WNW	2.3	2.5	.5	.2								5.2	4.7
NW	3.1	2.5	.9	.4	.0							6.0	3.2
NNW	2.1	1.6	.6	.1	.0							4.5	4.3
VARBL	.6		.3	.0								1.0	4.1
CALM												40.7	
	21.4	25.8	9.0	2.8	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

2318

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY 46-70 JLL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 3600-0800
 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	1.5	2.3	1.8	.4	.0							6.2	5.7
NNE	1.0	1.2	.8	.1	.1							3.2	3.7
NE	.6	.9	.6	.3								2.4	6.2
ENE	.9	.9	1.4	.4								3.7	6.4
E	1.1	1.4	1.8	.5								4.7	6.5
ESE	.4	.3		.1								.9	4.8
SE	.7	.5										1.2	3.3
SSE	1.0	.6										1.6	3.2
S	1.3	2.2	.5	.0								4.1	4.6
SSW	.9	.7	.6	.1								2.4	5.2
SW	.5	1.4	1.5	.7								4.2	7.1
WSW	1.3	2.7	2.2	.3								6.5	6.2
W	2.3	4.1	1.7	.6	.1							9.5	5.4
WNW	1.7	2.3	1.3	.3								5.6	5.4
NW	1.5	2.2	1.2	.3	.0							5.5	6.0
NNW	1.7	1.4	1.2	.3	.0							4.6	5.6
VARBL	.6	.2	.1	.0								.9	3.5
CALM												32.9	
	19.9	25.5	16.5	4.9	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2317

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 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	1.3	1.6	.5								4.1	7.0
NNE	.2	1.1	.8	.5								2.6	7.6
NE	.6	1.1	.7	.3	.0							2.8	6.7
ENE	.6	1.0	1.4	.3		.0						3.3	6.9
E	.9	3.2	3.0	.6								7.7	6.5
ESE	.6	1.0	.6	.1								2.4	5.7
SE	1.2	1.2	.3									2.8	4.2
SSE	1.5	1.2	.4	.0								3.1	4.2
S	1.5	2.9	1.3	.2								5.8	5.2
SSW	1.2	1.2	.9	.4								3.7	6.2
SW	1.4	2.2	2.7	1.5	.3	.0						8.1	7.7
WSW	1.3	2.8	3.0	1.9	.3	.0						9.4	7.9
W	1.1	4.2	5.0	2.3	.3	.0						13.0	8.0
WNW	.6	1.7	1.8	.8	.2							5.1	7.8
NW	1.0	1.7	1.8	.9	.0							5.5	7.1
NNW	.5	1.5	2.1	.6	.1	.0						4.8	7.7
VARBL	2.1	1.2	.4	.2								4.0	4.3
CALM												11.8	
	16.9	30.6	27.9	11.2	1.2	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY 45-70 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOUR(S) L.S.T.
CONDITION

SPEED (KNTS) DIR.	1-3	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	1.9	.8	.0							3.3	7.2
NNE	.4	.6	1.0	.5	.0							2.5	7.7
NE	.5	1.1	.8	.3	.0							2.8	6.5
ENE	.3	.9	1.2	.4	.0							2.8	7.5
E	.5	1.6	1.9	.2								4.4	6.3
ESE	.2	.8	.8	.1								2.0	6.4
SE	.9	.6	.5	.1								2.1	4.9
SSE	.8	.9	.7	.0								2.5	5.2
S	1.2	2.9	2.1	.3								6.5	6.0
SSW	.7	1.6	1.6	.9	.0							4.9	7.2
SW	.9	2.1	3.3	2.6	.5	.1						9.5	9.2
WSW	.6	1.5	3.7	3.3	.5	.1						9.7	9.8
W	.9	3.7	5.2	4.8	.9	.1						15.6	9.5
WNW	.5	2.1	2.5	1.6	.1	.0						6.8	8.4
NW	.6	1.8	3.1	1.2	.1							6.9	8.0
NNW	.5	1.6	1.3	1.0	.0							5.1	7.6
VARBL	1.5	1.5	.7	.2								3.9	4.9
CALM												7.0	
	12.2	27.2	32.7	18.4	2.2	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY 46-70 JUL
 STATE STATION NAME YEARS MONTH
 ALL WEATHER 1500-1700
 CLASS HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	2.2	1.2								6.5	7.2
NNE	.6	1.4	1.1	.8								4.0	7.1
NE	.6	1.2	1.2	.3	.1							3.4	6.8
ENE	.6	.8	1.2	.3								2.8	6.8
E	.3	1.1	1.2	.1								2.7	6.4
ESE	.4	.7	.9	.1								2.2	6.5
SE	.6	.7	.4	.0								1.7	5.1
SSE	.7	1.2	.3	.1								2.2	5.1
S	.7	2.6	1.2	.4	.0							5.2	6.1
SSW	.5	.9	1.4	.6								3.4	7.5
SW	.8	2.0	2.5	1.5	.3							7.4	8.6
WSW	1.0	1.9	3.9	3.3	.4							10.5	9.2
W	.8	3.6	5.8	5.1	.7	.2						16.2	9.4
WNW	.6	1.5	2.6	2.1	.2							6.9	9.0
NW	.8	1.7	3.0	2.5	.3							8.3	8.9
NNW	.9	1.6	3.4	1.7	.1							7.8	8.2
VARBL	1.6	1.2	.5	.2								3.6	4.5
CALM												5.2	
	12.7	26.4	32.8	20.6	2.2	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

45-70
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-3	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.7	3.4	1.6	.1						11.5	6.6
NNE	1.6	3.0	1.4	.5	.0	.2					6.6	3.9
NE	1.1	2.4	1.2	.2							4.9	3.7
ENE	.6	1.2	.7	.1							2.6	3.5
E	1.0	1.0	.7	.2	.0						3.0	3.6
ESE	.5	.7	.3	.1							1.5	3.8
SE	.4	.3	.1								.8	4.1
SSE	.6	.4	.1	.0							1.4	4.1
S	1.5	2.1	1.0	.1							4.8	4.8
SSW	.7	1.2	.6	.1							2.6	3.5
SW	.6	2.1	2.1	1.0	.0						5.8	7.4
WSW	.9	1.7	3.3	1.2	.0						7.2	7.7
W	1.6	3.7	4.6	2.4	.5	.1					12.9	8.1
WNW	1.2	2.8	3.7	1.1	.1						9.0	7.2
NW	.8	2.8	3.6	1.4	.3	.0					7.9	7.9
NNW	1.5	2.7	2.8	1.2	.1	.0					8.3	7.2
VARBL	.6	.2	.0	.1							1.0	4.3
CALM											8.1	
	18.0	32.1	26.7	11.6	1.2	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

35010 STATION WIESBADEN AB GERMANY 46-70 YEARS JUL 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	4.3	5.3	1.8	.7	.0							12.2	4.9
NNE	2.4	3.0	1.3	.4								7.3	5.2
NE	1.7	1.8	1.3	.3								5.1	5.5
ENE	1.2	1.2	.6	.1								3.1	4.9
E	1.1	1.1	.6	.2	.0							3.0	5.3
ESE	.2	.3	.0									.5	4.0
SE	.4	.2										.6	3.3
SSE	.4	.2	.1									.8	4.1
S	.9	1.3	.6									2.9	4.8
SSW	1.0	.9	.3									2.2	4.1
SW	.6	1.9	1.0	.2								3.9	5.6
WSW	.8	2.1	1.0	.1								4.0	5.4
W	1.8	4.0	2.5	.7	.0							9.1	6.0
WNW	1.6	2.6	1.4	.5	.1							6.3	5.7
NW	1.8	3.0	1.6	.6	.0	.0						7.3	6.0
NNW	2.7	3.0	1.6	.7	.0							8.0	5.5
VARBL	.4	.1	.0									.5	2.8
CALM												23.3	
	24.0	32.0	16.0	4.4	.3	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2318

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION RIESEBACH AB GERMANY 46-70 YEARS AUG MONTH
 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	3.6	3.0	.9	.2								7.6	4.4
NNE	2.1	2.1	1.3	.2								5.6	5.0
NE	1.7	1.7	1.2	.1								4.7	5.1
ENE	1.3	1.4	1.4	.4								4.2	6.4
E	2.2	1.3	1.1	.4								4.7	5.3
ESE	.6	.2	.1									.8	3.7
SE	.6	.5	.3	.0								1.7	4.5
SSE	.7	.4	.1									1.1	3.6
S	1.4	1.7	.9	.1								4.1	4.9
SSW	.5	1.2	.3	.1								2.1	4.9
SW	.3	2.5	.8	.2								4.3	5.5
WSW	.9	1.8	.5	.2								3.7	5.5
W	2.3	3.3	1.7	.4	.0							7.9	5.4
WNW	1.4	1.1	.4	.1								3.0	4.5
NW	2.1	1.7	.6	.3								4.6	4.7
NNW	2.0	1.4	.7	.2								4.3	4.6
VARBL	.7											.7	1.7
CALM												34.6	
	24.6	25.1	12.8	2.9	.0							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2280

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 AIESBADEN AB GERMANY
STATION

46-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.7	.8	.1								6.2	4.3
NNE	1.2	2.3	.9	.0								4.4	3.0
NE	2.0	1.6	.9	.1								4.5	4.8
ENE	1.1	1.2	1.3	.1								3.6	3.7
E	1.4	1.4	1.0	.3								4.1	3.6
ESE	.6	.1	.0									.7	2.9
SE	.7	.4	.1									1.2	4.2
SSE	.3	.7	.0	.0								1.3	4.4
S	1.2	1.6	.8	.1								3.7	3.0
SSW	.7	1.0	.6									2.3	3.1
SW	.5	1.7	1.1	.5								3.7	6.6
WSW	.9	1.7	1.0	.3								3.9	3.7
W	1.9	3.2	1.8	.6	.1							7.6	3.8
WNW	1.6	1.4	.7	.0								3.7	4.4
NW	2.4	1.6	.7	.1								4.8	4.3
NNW	1.7	1.6	.4									3.7	4.0
VARBL	.5	.0										.6	2.2
CALM												39.6	
	21.5	24.2	12.2	2.3	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2294

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 STATION NAME RIESBADEN AB GERMANY YEARS 46-70 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.7	1.1	.1								4.8	4.8
NNE	.7	2.0	.9	.2								3.7	3.5
NE	1.0	1.3	1.0	.1								3.4	3.5
ENE	.8	1.0	1.5	.5								3.8	6.8
E	1.5	1.6	2.1	.6	.1							5.9	6.5
ESE	.8	.2	.0									1.0	3.2
SE	.8	.9	.0	.1								1.9	4.3
SSE	.7	.5	.2	.0								1.4	4.5
S	1.3	3.7	.7	.3								4.9	5.1
SSW	.6	1.2	.9	.1	.0							2.8	6.0
SW	.9	1.8	1.5	.5	.0							4.7	6.6
WSW	1.3	2.4	1.5	.6								3.8	6.1
W	1.8	3.4	2.7	.8								8.7	6.2
WNW	1.9	1.3	1.1	.2								4.5	3.0
NW	1.9	1.7	.6	.1								4.3	4.5
NNW	1.3	1.0	.2	.0								2.6	4.0
VARBL	.9											.9	2.0
CALM												34.6	
	20.2	24.7	16.1	4.2	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	1.0	.4	.1							3.4	6.8
NNE	.4	.9	.6	.2	.0							2.2	6.5
NE	.5	.7	1.0	.3	.0							2.5	7.2
ENE	.5	1.4	2.9	1.1	.0							5.9	8.1
E	1.4	3.3	4.5	1.5								10.8	7.2
ESE	1.1	1.4	.9	.0								3.4	5.3
SE	1.2	1.2	.5	.1	.0							3.1	4.8
SSE	1.2	1.4	.3	.0								2.9	4.2
S	2.0	3.6	1.0	.3								6.9	5.1
SSW	.6	1.2	1.3	.7	.0	.0						3.8	7.5
SW	.8	3.0	2.3	1.7	.3	.1						8.2	8.2
WSW	1.2	2.9	3.1	1.9	.3	.1						9.6	8.1
W	1.5	3.2	4.6	1.8	.2		.0					11.4	7.6
WNW	.8	1.4	1.4	.7	.0	.1						4.3	7.3
NW	.3	1.6	1.0	.6	.0							3.7	7.3
NNW	.3	.7	.7	.3	.0							2.1	7.3
VARBL	1.8	.9	.2									2.9	3.4
CALM												12.7	
	16.1	30.2	27.4	11.9	1.3	.3	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3325

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 MONTH AUG
 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	1.5	1.6	.6								4.3	7.0
NNE	.2	.8	.5	.3	.1							1.9	7.8
NE	.4	.8	1.2	.3	.1							2.9	7.5
ENE	.4	1.1	1.9	.9								4.3	8.1
E	1.1	2.5	2.2	.9	.0							6.7	6.8
ESE	.7	1.0	.7	.3								2.7	5.9
SE	1.0	1.5	.6	.2								3.4	5.2
SSE	1.0	1.6	1.0	.1								4.0	5.3
S	1.8	3.4	2.4	.6	.0							8.2	6.0
SSW	.6	1.5	1.4	1.1	.0							4.6	7.6
SW	.7	2.4	3.3	3.2	.9	.0						10.3	9.7
WSW	.3	2.2	3.3	3.3	.7	.0						9.8	9.9
W	.7	2.9	4.9	3.6	.6	.2						13.0	9.4
WNW	.6	1.0	1.9	1.2	.2		.0					4.9	8.9
NW	.5	1.5	1.6	.9	.1							4.4	8.0
NNW	.5	.8	1.1	.2	.0							2.8	6.7
VARBL	1.3	2.4	.4	.1								4.2	4.3
CALM												7.4	
	12.7	29.1	29.9	17.8	2.8	.3	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS AUG MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.5	1.9	.6		.0						4.6	7.4
NNE	.4	.7	.9	.4	.0							2.6	7.6
NE	.6	1.5	1.3	.9	.0							4.5	7.4
ENE	.4	1.3	1.1	.6	.0							3.4	7.4
E	1.3	2.2	2.1	.6								6.2	6.3
ESE	.2	.9	.9	.3								2.5	6.8
SE	.5	1.1	.9	.1								2.6	5.8
SSE	.5	1.0	.6	.2	.0							3.1	5.8
S	1.5	3.6	2.8	.7	.0							8.6	6.3
SSW	.1	1.2	1.1	.3								3.2	8.1
SW	.6	1.6	2.9	2.8	.5	.0						8.4	9.9
WSW	.6	2.0	3.7	3.4	.5	.0		.0				10.4	9.8
W	.9	3.1	6.3	4.2	.4	.2						15.1	9.3
WNW	.6	1.1	2.2	1.1	.2							5.2	8.5
NW	.6	2.0	2.6	.7	.1							6.0	7.6
NNW	.5	1.2	1.5	.8	.1							4.1	8.0
VARBL	1.1	1.4	.3	.1								2.9	4.5
CALM												6.9	
	11.0	27.9	33.4	18.4	2.0	.3		.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIEGBADEN AB GERMANY STATION NAME 46-70 YEARS MONTH AUG
 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	1.3	3.8	2.2	.4								8.2	5.6
NNE	1.4	2.1	1.2	.2								4.8	5.4
NE	1.6	2.9	1.6	.6	.0							6.8	5.8
ENE	.9	2.3	1.0	.5	.0							4.7	6.1
E	1.2	1.7	1.1	.1								4.2	5.3
ESE	.5	.7	.2									1.4	4.7
SE	.7	.8	.1									1.7	4.2
SSE	.7	1.0	.3	.2								2.2	5.3
S	1.4	3.1	1.1	.1								5.7	5.1
SSW	.8	1.6	.9	.4								3.6	6.1
SW	.6	2.1	1.9	1.6	.1	.0						6.4	8.1
WSW	.7	1.7	3.2	1.5	.2	.0						7.4	8.3
W	1.9	4.2	4.5	1.8	.1	.0						12.6	7.1
WNW	.9	2.1	1.9	.8	.1	.1						5.8	7.3
NW	1.3	2.4	1.8	.6	.0							6.1	6.4
NNW	1.0	1.7	2.4	.3	.1							5.6	6.7
VARBL	.5	.2										.7	2.8
CALM												11.9	
	18.0	34.5	25.6	9.1	.7	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2310

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/WAC

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

SURFACE WINDS

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

AUG
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	4.4	2.1	.3								9.5	5.0
NNE	1.6	3.4	1.7	.1								6.8	5.2
NE	1.6	2.7	1.7	.4	.0							6.5	5.7
ENE	1.2	1.7	1.1	.5	.0							4.5	6.0
E	1.5	1.5	.7	.4								4.2	5.1
ESE	.4	.1	.1									.6	4.2
SE	.4	.6	.1									1.1	3.8
SSF	.3	.7	.1	.0	.0							1.2	5.1
S	.7	2.2	.8	.2								3.8	5.3
SSW	.5	1.6	.5									2.6	5.2
SW	.7	2.2	1.7	.2	.1							4.9	6.4
WSW	.7	2.5	1.5	.3	.1	.0						5.1	6.2
W	2.0	4.1	1.9	.7	.0							8.8	5.8
WNW	1.0	2.0	.8	.1								3.9	5.2
NW	1.5	2.2	.9	.0								4.6	4.7
NNW	1.5	2.2	1.0	.2								4.9	5.0
VARBL	.4	.0										.4	1.9
CALM												26.7	
	18.8	34.1	16.7	2.2	.4	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2279

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 39010 WIESBADEN AB GERMANY YEAR 46-69 MONTH SEP
STATION NAME YEAR MONTH

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

CONDITION _____
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	2.5	2.7	.6	.1								6.1	4.4
NNE	1.6	1.7	1.4	.0								4.7	5.3
NE	2.0	1.8	1.2	.3	.0							5.3	5.4
ENE	1.7	2.0	1.9	.9								6.6	6.4
E	1.8	1.6	1.6	1.4	.0							6.6	7.1
ESE	.7	.6	.0									1.4	3.5
SE	.5	.3	.1									.8	3.9
SSE	.4	.3	.1									.9	4.0
S	.4	1.3	.8									3.9	4.7
SSW	.6	1.3	.2	.0								2.1	4.9
SW	1.2	2.1	1.7	.3								5.2	6.0
WSW	.4	1.6	1.2	.5	.1	.0						3.8	7.2
W	1.8	3.3	1.8	.5								7.3	5.6
WNW	1.3	1.3	.7	.2								3.9	5.1
NW	1.3	1.1	.6	.1								3.1	5.0
NNW	.8	.6	.2	.2	.0							1.9	5.3
VARBL	.5	.0										.6	2.4
CALM												36.9	
	20.6	23.6	14.2	4.6	.2	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2159

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

4670
YEARS

SEP
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	2.2	1.5	1.0									4.7	4.4
NNE	1.3	1.5	1.1	.0								3.8	5.1
NE	1.8	2.0	1.9	.5								5.3	5.3
ENE	1.8	2.1	1.5	.6								5.7	5.7
E	1.6	1.6	1.8	1.1	.0							6.2	6.9
ESE	.7	.3	.0									1.1	3.6
SE	.4	.3										1.0	3.6
SSE	.7	.4	.1									1.2	3.5
S	1.4	1.4	.6	.2								3.6	4.9
SSW	.7	.9	.8	.2								2.9	6.0
SW	.7	2.2	1.2	.3								4.4	6.1
WSW	.8	1.7	1.7	.3								4.6	6.3
W	1.3	2.7	2.0	.6		.1	.0					7.3	6.2
WNW	1.5	1.1	.5	.2		.0	.0	.0				3.4	5.8
NW	1.2	1.0	.5	.0								2.7	4.5
NNW	1.1	.7	.2	.0	.1							2.2	4.5
VARBL	.4	.1										.5	2.4
CALM												39.9	
	20.3	21.7	12.8	3.9	.1	.1	.1	.0				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2190

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

39010
STATION

WIESBADEN AA GERMANY
STATION NAME

4670
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.9	.5	.1								4.3	4.3
NNE	.8	1.1	.8	.0								2.7	5.1
NE	1.3	1.0	1.6	.4	.0							4.3	6.3
ENE	1.2	1.5	1.1	.4	.0							4.3	5.9
E	2.1	1.9	2.4	1.7								8.2	7.1
ESE	.9	.5		.1								1.5	3.7
SE	1.0	.7	.0									1.7	3.3
SSE	.7	.7	.2									1.6	4.0
S	1.5	1.9	1.1	.0								6.3	5.0
SSW	.5	.7	1.0	.2								2.4	6.9
SW	.8	1.4	1.5	.7								4.4	7.0
WSW	.8	1.2	2.0	.6	.1							4.7	7.0
W	2.5	2.9	2.3	.8	.1	.1	.0					8.8	6.3
WNW	1.3	.8	.6	.3	.1							3.2	5.9
NW	1.1	1.3	.3	.1								2.8	4.6
NNW	1.0	.6	.4	.2								2.1	4.8
VARBL	.9	.2										1.1	2.3
CALM												37.9	
	20.4	20.2	13.8	5.7	.4	.1	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY
STATION STATION NAME

45-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.1	.6	.3								2.6	6.3
NNE	.3	.7	.6	.2								1.7	6.6
NE	.3	.9	.9	1.0	.0							2.8	9.0
ENE	.4	1.2	2.2	1.3	.2							5.2	8.7
E	1.2	4.2	5.3	2.9	.2							16.0	8.0
ESE	1.1	1.6	1.1	.3								4.0	5.9
SE	1.4	1.3	.2									2.9	3.8
SSE	1.3	1.6	.6	.0								3.3	4.4
S	2.1	2.4	1.8	.3								6.6	5.3
SSW	.9	1.2	1.0	.5	.0							3.8	6.7
SW	1.2	1.6	2.7	1.6	.1							7.1	7.9
WSW	1.3	1.9	2.6	2.0	.2	.0						8.2	8.0
W	1.2	2.0	3.2	2.7	.4	.0	.1					9.7	9.0
WNW	.8	.8	.8	.8	.2	.0	.0					3.6	8.4
NW	.6	.7	.8	.6								2.6	7.0
NNW	.4	.3	.4	.3	.0							1.4	7.7
VARBL	1.6	.7	.2	.1								2.6	3.3
CALM												17.9	
	16.9	23.8	25.0	14.8	1.4	.1	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

4670
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.9	.4								2.6	7.1
NNE	.2	.0	.6	.2								1.7	6.8
NE	.2	.8	1.0	.6								2.5	7.9
ENE	.3	1.6	1.9	1.2								5.0	8.1
E	1.5	3.1	3.7	2.2	.1							12.7	7.8
ESE	.9	1.6	1.0	.6								4.0	6.3
SE	1.2	1.3	.4	.0								2.9	4.3
SSE	.9	1.2	.6	.1								2.8	5.3
S	2.5	4.2	2.3	.8								9.9	5.8
SSW	.9	2.0	1.7	.6	.0							5.2	6.7
SW	.8	2.4	2.5	2.7	.2							8.7	8.7
WSW	.5	2.1	2.7	2.8	.7							8.8	9.7
W	.9	2.1	4.1	4.8	.4	.2						12.4	10.1
WNW	.2	1.0	1.1	1.1	.3	.1						3.8	9.6
NW	.4	.8	.8	.5	.1	.0						2.7	8.2
NNW	.2	.5	.8	.7								2.2	8.5
VARBL	1.5	1.7	.2	.2								3.8	4.4
CALM												8.4	
	12.7	28.0	25.3	19.4	1.8	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

39010 STATION WIESBADEN AB GERMANY STATION NAME 66-70 YEARS SEP MONTH
ALL WEATHER CLASS 1900-1700 MOON (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.9	1.8	.4								4.4	6.7
NNE	.2	.4	1.0	.2								1.8	7.8
NE	.4	1.2	1.8	.6	.1							4.2	7.8
ENE	.9	1.5	1.2	.8								4.4	6.9
E	1.2	2.8	4.1	2.0								10.3	7.6
ESE	.5	1.3	1.2	.3								3.2	6.5
SE	.5	1.3	1.0									2.8	5.5
SSE	1.3	1.2	.7	.1								2.9	4.8
S	2.0	5.2	1.7	.7								9.7	5.5
SSW	.9	1.8	1.8	.3								4.8	6.3
SW	.8	2.8	2.8	2.6	.3							9.2	8.7
WSW	.8	2.2	2.4	2.6	.4	.1						8.4	9.1
W	.8	2.2	4.8	4.3	.4	.2						12.7	9.8
WNW	.4	1.0	1.5	1.3	.0							4.3	8.6
NW	.4	1.0	1.6	.6		.0						3.6	7.7
NNW	.2	.3	1.2	.5		.0						2.3	8.4
VARBL	1.2	.9	.2	.1								2.4	4.0
CALM												7.9	
	12.9	29.1	31.1	17.8	1.2	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2280

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	2.9	1.3	.2								6.9	4.9
NNE	2.5	3.0	1.2	.1								6.8	4.6
NE	2.9	3.1	1.5	.3	.0							7.8	5.1
ENE	1.4	2.4	.9	.3								5.0	5.2
E	2.1	3.2	2.1	.6								5.0	5.7
ESE	.6	.7	.2									1.5	4.3
SE	.7	.5	.0									1.2	3.6
SSE	1.3	.7	.2									2.2	4.0
S	1.6	2.5	.9	.0								5.1	4.7
SSW	.7	1.4	1.2	.4	.0							3.7	6.7
SW	1.0	3.0	2.6	1.1	.1							7.7	7.0
WSW	1.1	1.5	2.7	.6		.0						3.9	7.2
W	1.4	4.5	3.9	1.6	.3							11.7	7.3
WNW	.5	1.7	.8	.4	.0							3.4	6.6
NW	1.0	1.0	.8	.2	.1	.0						3.2	6.6
NNW	1.0	1.1	.9	.3								3.3	5.9
VARBL	.5	.0										.5	2.0
CALM												15.9	
	22.9	33.2	21.1	6.1	.7	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25010 STATION WIESBADEN AB GERMANY STATION NAME 46-69 YEARS 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	1.9	2.7	1.5	.6								6.5	5.2
NNE	2.2	2.1	1.3	.2								6.9	5.1
NE	3.8	2.5	1.6	.4								8.3	4.9
ENE	1.5	1.9	1.2	.5								5.0	5.8
E	1.9	2.1	1.9	.9								6.9	6.3
ESE	.7	.3	.1									1.1	3.8
SE	.6	.4	.0									1.0	3.9
SSE	.6	.2	.0									.8	3.8
S	1.3	1.3	.6	.0								3.2	4.5
SSW	.9	1.0	.6	.1								2.7	5.1
SW	1.0	2.5	1.2	.3	.1							5.5	5.9
WSW	.6	1.9	2.0	.8	.1							5.4	7.5
W	2.2	3.5	1.9	.5		.0						8.1	5.7
WNW	1.0	1.5	.7	.3	.0							3.5	5.9
NW	.9	1.0	.6	.5								3.1	6.3
NNW	.2	.7	.6	.1								2.2	5.6
VARBL	.8	.0										.8	1.9
CALM												29.0	
	22.6	25.9	16.7	5.1	.2	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2159

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

DEC
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	1.3	.1								4.7	5.2
NNE	1.1	1.2	.5	.2								2.9	5.0
NE	1.2	2.0	1.4	.9	.2							5.7	6.9
ENE	1.4	2.6	2.6	.9								7.5	6.6
E	2.2	2.8	2.6	1.0	.0							6.6	6.4
ESE	.6	.6	.1									1.4	3.7
SE	.4	.5	.2									1.1	4.6
SSE	.5	.5	.3									1.3	5.0
S	1.6	2.1	.7	.2								4.9	5.0
SSW	.5	1.3	.6	.3								2.7	6.3
SW	.7	1.6	.9	.4		.0						3.6	6.4
WSW	.8	1.4	1.0	.4								3.7	6.3
W	1.8	2.5	2.0	.5								6.9	5.9
WNW	1.5	1.5	.5	.2	.1							3.8	5.2
NW	1.6	.9	.6	.3								3.3	5.1
NNW	.7	.6	.2	.1								1.6	4.7
VARBL	.3		.2	.1								.6	6.1
CALM												36.0	
	18.4	23.7	15.7	5.6	.7	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY 46-70 YEARS OCT MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.8	.9	.3								5.0	5.1
NNE	1.2	1.0	1.0	.1	.0							3.4	5.4
NE	1.2	1.9	1.6	.9	.1	.0						3.5	7.0
ENE	1.1	2.0	2.5	.7								6.3	6.8
E	2.5	2.3	2.5	.9								8.6	6.3
ESE	.8	.4	.2									1.4	3.9
SE	.7	.6										1.3	3.4
SSE	.5	.9	.3									1.7	4.7
S	1.2	2.2	1.1	.3								4.9	3.5
SSW	.5	.8	.3	.0		.0						1.8	3.5
SW	.5	1.2	1.2	.3	.1							3.6	6.3
WSW	.7	1.5	1.5	.4								4.1	6.6
W	2.1	2.5	1.9	.6	.1	.0						7.2	6.1
WNW	1.4	.7	.5	.3								2.9	5.3
NW	1.4	.5	.3	.3								2.4	4.9
NNW	.9	.8	.4									2.1	4.6
VARBL	.7	.1	.4	.1								1.3	4.6
CALM												30.9	
	19.8	21.2	16.7	5.3	.3	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 STATION WIESBADEN AB GERMANY STATION NAME 46=70 YEARS MONTH OCT

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	.9	1.6	.5	.1	.0							3.1	5.3
NNE	.5	1.0	.9		.0	.0						2.8	6.0
NE	1.1	1.2	1.1	1.2	.1							4.6	7.5
ENE	1.3	1.7	2.3	1.2	.1							6.7	7.4
E	2.8	2.9	3.1	.8								9.6	6.0
ESE	.8	.8	.1									1.8	3.7
SE	.9	.6	.0									1.5	3.5
SSE	.7	.2	.2									1.6	3.9
S	1.2	2.5	1.2	.1								5.0	5.3
SSW	.5	.7	.8	.1								2.2	6.1
SW	.9	1.2	1.7	.6	.0	.0						4.5	7.2
WSW	1.0	1.3	1.4	.5	.0	.0						4.4	6.6
W	1.8	2.1	1.9	.7	.1							6.5	4.3
WNW	1.2	1.2	.8	.3								3.5	5.4
NW	1.4	.7	.5									2.7	4.4
NNW	.8	.6	.4	.1	.0							1.9	5.2
VARBL	.9	.0	.3	.2								1.4	4.3
CALK												36.3	
	19.1	21.0	17.2	5.8	.5	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	.7	.3	.0							2.5	6.5
NNE	.6	.9	.8	.2	.1							2.5	6.8
NE	.4	.6	.8	1.6	.3	.1						3.8	10.2
ENE	.3	1.4	2.6	1.8	.2							6.4	9.2
E	1.5	3.0	6.2	2.5								13.2	7.9
ESE	1.3	1.5	.6	.2								3.7	5.1
SE	1.3	1.1	.2									2.6	3.8
SSE	1.0	.8	.3	.1								2.2	4.5
S	2.8	2.1	1.2	.2								6.3	4.7
SSW	.6	1.5	.7	.5	.0							3.4	6.5
SW	1.1	1.8	2.0	.8	.0							5.8	6.9
WSW	.6	1.4	2.4	1.1	.2	.0						5.8	8.4
W	1.6	2.4	2.9	1.0	.2							8.1	7.0
WNW	.6	.3	.6	.4								2.0	6.7
NW	.6	1.2	.5	.6	.0							2.8	7.2
NNW	.3	.1	.6	.1	.1							1.2	7.6
VARBL	.8	.1	.6	.3								1.8	6.0
CALM												25.8	
	16.1	21.3	23.7	11.6	1.2	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1325

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 MIESBADEN AB GERMANY STATION NAME 46-70 YEARS 0CT MONTH
 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	.3	.7	.3	.5	.0							1.9	7.3
NNE	.3	.4	.6	.2	.2	.0						1.8	9.3
NE	.5	.7	1.5	1.0	.3	.1						4.2	9.5
ENE	.5	1.2	2.7	1.7	.0							6.2	8.7
E	1.2	3.5	5.9	2.2								15.9	7.6
ESE	1.2	1.5	1.2	.2	.0							4.2	5.9
SE	1.9	1.7	.4	.1								4.1	4.4
SSE	1.4	1.5	.6									3.9	4.3
S	2.8	2.8	1.8	.4								7.5	5.2
SSW	1.1	1.3	1.0	.7	.0							4.1	6.6
SW	.5	1.0	2.7	1.7	.0	.0	.0					6.7	8.8
WSW	1.2	1.2	2.1	1.8	.6	.1	.0	.0				7.0	8.9
W	1.4	1.9	2.5	1.9	.3	.1						8.1	8.2
WNW	.8	1.1	1.3	.6	.1							3.9	7.2
NW	.4	.9	.8	.7	.2							2.9	8.8
NNW	.2	.5	1.0	.5								2.5	7.9
VARBL	1.1	.9	.8	.5	.1							3.0	6.8
CALM												19.6	
	16.7	23.4	27.1	14.9	1.9	.4	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 33010 STATION NAME RIESBADEN AB GERMANY YEARS 46-70 MONTH CCY
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.1	.3								3.1	6.7
NNE	.6	1.1	1.0	.6	.1							3.4	7.4
NE	1.2	1.9	2.1	.9	.2	.1						6.4	7.5
ENE	.8	2.4	2.0	1.2	.0							6.4	7.3
E	1.8	3.2	4.1	.8								9.9	6.5
ESE	1.0	.8	.9	.2								2.9	5.7
SE	.9	.8	.4	.1								2.2	4.8
SSE	1.5	1.0	.3									2.9	4.0
S	2.5	3.2	2.2	.3	.0							8.3	5.4
SSW	.4	1.3	1.3	.6	.0							3.7	7.2
SW	.8	1.9	2.5	1.6	.1							6.9	8.0
WSW	.7	1.8	2.4	1.7	.0	.0						6.6	8.3
W	1.6	2.5	3.1	1.5	.2							8.8	7.4
WNW	.4	.9	1.2	.9	.1	.0						3.5	6.5
NW	.7	1.0	1.1	.7	.1							3.7	7.5
NNW	.4	.6	1.1	.2								2.3	6.8
VARBL	1.0	.4	.2	.4	.0							2.0	5.5
CALM												17.2	
	16.9	25.7	26.9	12.2	1.0	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS MONTH 01
1800-2000 HOURS (L & T.)
 CLASS 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	2.9	2.8	1.0	.0								6.8	4.5
NNE	2.2	2.2	1.4	.4								6.2	5.4
NE	2.5	2.5	2.2	.8	.2	.1						8.3	6.4
ENE	2.1	2.2	1.9	.9	.1							7.3	6.3
E	1.5	2.0	1.5	.5								5.6	5.9
ESE	.7	.4	.3	.0								1.4	4.8
SE	.5	.5	.0									1.0	3.7
SSE	.2	.6	.0									.8	4.7
S	1.5	2.1	1.2	.3								5.1	5.6
SSW	.5	1.2	1.0	.3	.0							3.3	6.4
SW	.6	2.8	1.6	.7	.0							5.6	6.6
WSW	1.2	1.8	.9	.6								4.6	6.0
W	1.8	2.6	2.6	.7								7.7	6.4
WNW	.7	1.5	1.0	.3	.1							3.1	6.6
NW	1.0	1.5	.6	.2								3.4	5.3
NNW	.4	.8	.5	.3								2.0	6.2
VARBL	.4	.0	.2	.2								.8	3.6
CALM												27.2	
	20.9	26.9	18.0	6.4	.5	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

29010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

CCT
MONTHS

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.1	.6	.0								5.2	4.3
NNE	.9	1.7	1.2	.0	.1							4.6	6.6
NE	2.1	3.1	1.9	1.1	.1							8.2	6.5
ENE	.9	2.1	2.5	1.2	.0							6.8	7.9
E	1.7	2.8	2.7	.6	.0							7.9	6.4
ESE	.6	.5	.1	.0								1.2	4.1
SE	.3	.3	.0									.6	4.0
SSE	.2	.4	.1	.0								.7	5.5
S	1.1	2.3	1.0	.1								4.5	5.2
SSW	.6	1.2	.6	.3	.0							2.7	6.0
SW	.6	2.0	1.0	.6	.0							4.2	6.5
WSW	.7	1.3	1.1	.6								3.6	6.9
W	1.5	2.8	1.9	.3	.1							6.7	5.9
WNW	1.6	1.3	.7	.4	.1							4.1	5.3
NW	1.1	1.0	.6	.5	.0							3.3	6.3
NNW	1.3	1.1	.2	.1								2.7	4.3
VARBL	1.1		.3	.0								1.5	3.4
CALM												31.9	
	18.6	25.9	16.3	6.6	.5							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/4AC

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

SURFACE WINDS

39010
STATION

WESSBADEN AB GERMANY
STATION NAME

46-70
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.8	.1	.1							3.5	5.5
NNE	1.0	1.0	.9	.2								3.1	5.6
NE	1.0	1.9	1.4	1.0	.0							5.4	7.0
ENE	1.5	2.0	2.1	.7	.2							6.6	6.6
E	3.7	3.3	2.6	1.2	.1							10.8	5.9
ESE	1.3	.9	.4	.1								2.8	4.7
SE	.9	.9	.2									2.0	4.3
SSE	.7	.2	.0	.2								1.4	5.1
S	1.9	3.4	1.6	.4								7.4	5.4
SSW	.7	1.1	.8	.5								3.0	6.4
SW	1.0	2.2	2.1	1.0	.1							6.5	7.4
WSW	.3	1.1	1.8	1.1	.2		.0					4.5	9.0
W	1.5	3.1	2.3	1.3	.2	.1						8.6	7.1
WNW	.8	1.1	.5	.1								2.5	5.3
NW	1.0	1.0	.6	.1								2.7	5.3
NNW	.7	.3	.4	.0								1.4	5.0
VARBL	.7	.3	.4	.3	.0							1.6	6.4
CALM												25.9	
	20.1	25.4	19.0	8.4	1.0	.1	.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

2249

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
 STATION

RIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.7	.4	.0							4.1	5.2
NNE	1.1	.8	1.0	.2								3.1	5.9
NE	1.8	1.6	1.6	.7								5.7	6.2
ENE	1.7	2.1	2.1	.8	.1							6.9	6.6
E	3.1	3.0	3.0	1.2	.1	.0						10.6	6.4
ESE	1.5	.9	.1	.2								2.7	4.2
SE	1.3	1.0	.3	.1	.1							2.7	4.7
SSE	1.0	.3	.2	.1								2.1	4.4
S	2.3	2.3	1.7	.5								7.8	5.5
SSW	.4	1.0	.8	.2								2.4	6.5
SW	.8	1.8	1.7	1.2	.0							5.6	7.5
WSW	.6	1.2	1.2	.9	.5	.1						4.9	9.1
W	1.5	2.2	1.9	1.2	.5							7.3	7.6
WNW	.8	1.0	.5	.1	.2							2.7	6.4
NW	.7	1.0	.5	.3	.0							2.6	6.5
NNW	.4	.7	.4	.1		.0						1.6	6.3
VARBL	.3	.3	.4	.3								1.3	7.0
CALM												26.3	
	21.0	23.8	18.1	8.9	1.6	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

2244

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 WIESBAOEN AB GERMANY 4670 NOV
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 0600-0800
 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	.9	1.7	.7	.1	.0							3.4	5.3
NNE	1.1	1.4	.8	.2	.0							3.4	5.6
NE	1.2	1.6	1.1	.7								4.7	6.3
ENE	1.9	2.9	2.0	.6	.2	.1						7.6	6.3
E	3.3	3.0	3.4	2.0	.2							11.9	6.7
ESE	1.2	1.2	.3	.0								2.8	4.3
SE	1.0	.8	.3	.0								2.2	4.4
SSE	.8	.9	.1	.0								2.0	4.0
S	2.5	3.5	2.0	.5	.0							8.5	5.5
SSW	.5	1.1	1.2	.4								3.3	6.8
SW	.8	1.9	1.9	1.1	.1							5.8	7.7
WSW	.7	1.1	1.6	.6	.3							4.6	8.3
W	1.3	2.3	2.1	1.2	.1							7.7	6.9
WNW	.7	.6	.5	.3	.0							2.3	6.1
NW	1.4	.9	.4	.3								3.0	4.9
NNW	.6	.2	.4	.1	.1							1.4	6.1
VARBL	.4	.3	.4	.4								1.4	7.1
CALM												23.9	
	21.1	25.8	19.0	8.9	1.2	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0900-1100
PORES (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	1.0	1.0	1.2	.1								3.3	5.7
NNE	.4	.5	.6	.4	.0							2.0	7.5
NE	1.2	1.5	1.8	.9								4.6	6.8
ENE	1.1	2.3	2.3	1.4	.2							7.3	7.7
E	2.5	4.3	3.5	2.5	.2							12.9	7.0
ESE	1.4	1.7	.5	.2								3.8	4.8
SE	1.5	.9	.3	.0								2.7	3.8
SSE	1.3	1.4	.4		.0							3.2	4.4
S	3.2	2.9	2.5	.4	.0							9.1	5.4
SSW	.7	1.2	1.4	.3								3.9	7.1
SW	1.1	1.0	2.9	1.6	.1							7.4	8.3
WSW	.3	1.1	1.5	1.5	.4	.1						5.1	9.6
W	2.0	1.9	2.5	1.4	.0	.0						7.8	7.0
WNW	.7	.4	1.1	.4	.0							2.5	7.1
NW	.7	.7	1.0	.1	.0	.0						2.6	6.7
NNW	.4	.2	.4	.1	.0							1.2	6.8
VARBL	.6	.3	.4	.6	.0							1.9	7.3
CALM												18.7	
	20.2	23.8	23.5	12.2	1.3	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2244

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

<u>35010</u>	<u>WIESBADEN AB GERMANY</u>	<u>46-70</u>	<u>NEV</u>
STATION	STATION NAME	YEARS	MONTH
<u>ALL WEATHER</u>			<u>1200-1400</u>
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.3	.4								3.7	6.8
NNE	.3	.5	.8	.3	.0							2.0	7.7
NE	.6	.7	1.2	1.1	.1							3.7	8.5
ENE	.4	1.6	2.3	1.2	.4							5.8	8.5
E	1.5	3.8	4.2	2.7	.2							12.4	7.8
ESE	1.6	1.8	.9	.2								4.5	5.0
SE	2.0	1.6	.4	.2								4.2	4.3
SSE	1.5	1.4	.6	.1	.0							3.6	4.5
S	2.2	4.3	2.4	.8								9.5	6.0
SSW	.7	.5	1.1	.5	.0	.0						3.0	7.4
SW	.7	1.4	2.9	2.9	.3	.1						8.3	9.5
WSW	.8	1.1	2.0	2.5	.5	.3						7.2	10.3
W	1.1	2.0	3.4	1.8	.3	.1						8.7	8.4
WNW	.4	.5	.3	.6	.0							2.1	7.6
NW	.4	.8	1.3	.8	.1	.0						3.3	8.7
NNW	.1	.3	.5	.2	.1							1.4	7.9
VARBL	.4	.3	.7	.6	.1							2.1	8.7
CALM	X											14.3	
	15.6	24.3	26.3	16.6	2.3	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2244

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010 WIESBADEN AB GERMANY 46-70 NEW

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	1.1	.4								4.2	6.2
NNE	.9	1.0	.8	.2	.0							3.1	6.3
NE	.9	1.4	1.6	.6	.2							4.7	7.3
ENE	1.3	2.3	2.3	.8	.1							6.7	5.6
E	2.5	4.5	3.2	1.3	.1							11.6	6.3
ESE	1.2	1.6	.8	.2								3.8	5.1
SE	1.2	1.4	.3									2.8	4.3
SSE	1.3	1.0	.4	.1	.0							2.9	4.7
S	2.5	3.3	2.2	.7	.0							8.8	5.7
SSW	.4	1.3	1.1	.4	.0							3.3	6.8
S'W	.6	1.6	3.0	1.9	.3							7.3	8.7
WSW	.7	1.4	1.7	1.7	.6	.1						6.3	9.3
W	1.6	2.0	3.9	1.5	.3	.0						9.5	8.1
WNW	.8	.8	.7	.2	.1							2.6	6.8
NW	.4	1.1	1.2	.4	.0	.0						3.2	7.6
NNW	.7	.7	.2	.1								1.7	5.1
VARBL	.4	.2	.1	.4								1.8	8.0
CALM												15.7	
	14.4	27.1	25.2	11.2	2.1	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

2241

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/VAC

SURFACE WINDS

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

STATION: 35010 STATION NAME: WIENBADEN AB GERMANY YEARS: 46-70 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000
 CONDITION: _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.5	.9	.0								4.3	4.6
NNE	1.9	1.5	.7	.2	.1							4.2	5.1
NE	1.9	2.0	1.5	.9	.2							6.5	6.5
ENE	1.5	2.5	1.7	.9	.1							6.9	6.5
E	3.0	4.0	3.4	1.0	.1							11.4	6.1
ESE	.6	1.4	.4	.0								2.4	5.1
SE	.5	1.1	.2									1.7	4.3
SSE	1.2	.7	.1	.1								2.0	4.0
S	2.1	3.1	1.5	.4	.0							7.2	5.4
SSW	.9	1.2	1.7	.4								4.2	6.5
SW	1.3	2.3	2.3	1.6	.0							7.7	7.5
WSW	.4	1.3	2.2	1.5	.2	.0						5.6	8.8
W	1.7	2.5	2.0	1.1	.3	.0						7.6	7.1
WNW	.8	.8	.3	.3	.0							2.1	6.1
NW	.7	.9	.8	.2	.0							2.7	6.2
NNW	.5	1.0	.2	.1								1.8	4.7
VARBL	.5	.2	.1	.4	.0							1.2	7.0
CALM												20.5	
	21.3	27.8	19.9	9.2	1.2	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN AB GERMANY YEARS 46-70 MONTH NOV

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

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	49-55	≥56	%	MEAN WIND SPEED
N	1.5	1.3	.6	.2								4.1	4.7
NNE	1.0	1.5	.9	.3	.0							3.7	6.0
NE	1.5	2.0	1.8	.9	.1							6.5	6.9
ENE	1.6	2.2	1.6	.8	.2							6.3	6.5
E	3.3	3.3	3.3	1.3	.1							11.4	6.4
ESE	1.0	1.0	.4	.1								2.4	4.7
SE	1.0	1.1	.3	.0								2.4	4.5
SSE	.0	.9	.2	.0								2.0	4.1
S	2.1	2.8	1.5	.3	.1							6.8	5.6
SSW	.6	1.3	.9	.4								3.3	5.3
SW	1.6	2.0	1.7	1.5	.3							7.1	7.5
WSW	.7	1.4	1.9	1.5	.3	.1	.0					5.9	9.3
W	1.8	2.7	1.7	1.1	.0	.2						7.5	7.1
WNW	1.1	1.1	.4	.2								2.7	5.0
NW	.8	1.1	.6	.4								2.9	6.1
NNW	.4	.4	.4									1.3	5.0
VARBL	.3	.2	.3	.1	.0	.0						1.6	5.9
CALM												21.9	
	21.7	27.1	18.5	9.2	1.2	.3	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESS: DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010 WIESBADEN AB GERMANY 46-70 DEC

STATION

STATION NAME

YEARS

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	1.5	1.8	.9	.1	.0							4.4	5.0
NNE	1.1	.8	.6	.3								2.8	5.7
NE	1.1	1.3	1.5	1.1	.1							5.2	7.4
ENE	1.7	2.7	2.7	.9	.1							8.2	6.6
E	2.7	3.7	3.3	.8								10.5	6.0
ESE	1.1	.9										2.0	3.6
SE	1.2	.8	.3									2.1	4.4
SSE	.5	1.1	.3	.1	.0							2.2	5.4
S	1.8	3.9	1.3	.4	.0							7.4	5.4
SSW	.5	1.2	.9	.4	.0							3.0	7.0
SW	.9	2.2	2.9	1.6	.1	.0						7.8	8.0
WSW	.7	1.6	1.8	1.4	.3	.1						5.9	8.7
W	1.4	2.0	2.3	1.5	.3	.1						7.6	8.1
WNW	.8	.9	.9	.2	.2	.0						2.9	6.8
NW	.6	.7	.9	.4	.1	.0	.0					2.9	6.1
NNW	.5	.7	.6	.0								1.9	5.4
VARBL	.5	.4	.3	.1								1.4	4.9
CALM												21.8	
	16.7	26.8	21.5	9.5	1.3	.3	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	.9	.4								4.6	3.3
NNE	.5	.7	1.1	.3								2.7	7.1
NE	1.5	1.3	1.8	.5	.0							5.2	6.3
ENE	1.3	2.6	2.2	.9								7.1	6.3
E	3.0	3.5	2.8	.9								10.3	6.0
ESE	.8	1.1	.3									2.2	4.3
SE	1.0	.8	.2	.0								2.0	4.1
SSE	.9	.9	.6	.0								2.4	4.9
S	1.8	3.4	1.6	.3								7.3	5.4
SSW	.7	1.4	1.2	.5	.0							3.8	6.7
SW	.6	2.2	2.4	1.8	.2							7.1	8.4
WSW	.3	1.1	1.5	1.8	.3							5.4	9.0
W	1.4	2.6	2.3	2.0	.5	.1						8.9	8.2
WNW	.7	1.0	.9	.3	.2							3.1	6.8
NW	.8	.8	.6	.2	.1	.1						2.6	7.3
NNW	.4	.4	.4	.3								1.6	6.9
VARBL	1.0	.2	.3	.1								1.8	4.4
CALM												21.9	
	18.8	25.8	21.3	10.6	1.3	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	1.0	.2								4.3	5.4
NNE	.9	1.1	1.0	.3								3.2	5.7
NE	1.2	1.1	1.6	.9	.0							4.9	7.4
ENE	1.3	2.0	3.2	.9								7.1	7.0
E	3.2	3.6	2.5	.8	.0							10.1	5.5
ESE	1.2	1.4	.5									3.1	4.3
SE	1.1	.9	.5	.1								2.5	4.6
SSE	1.2	1.0	.4	.2								2.8	4.6
S	2.4	3.7	2.0	.3								8.4	5.4
SSW	.5	.9	1.2	.2	.0							2.9	6.8
SW	.6	2.1	2.4	1.9	.2							7.2	8.4
WSW	.5	1.1	1.4	2.0	.3	.0						5.3	9.6
W	1.7	2.5	3.0	1.8	.3	.0						9.4	7.8
WNW	.5	.8	.6	.3								2.5	5.5
NW	.7	.7	.5	.3	.2	.1	.0					2.5	7.9
NNW	.7	.4	.9	.1								2.2	5.9
VARBL	.5	.2	.2	.1								.9	4.9
CALM												20.8	
	19.7	25.0	22.9	10.3	1.1	.2	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.3	.9	.1								3.1	5.5
NNE	.5	.7	.9	.2	.0							2.4	6.8
NE	.9	.9	1.9	1.0	.1							4.8	8.2
ENE	.8	2.5	3.1	1.7	.0							8.1	7.9
E	2.2	3.8	3.6	.8								10.4	6.1
ESE	1.3	1.5	.6	.0								3.4	4.7
SE	1.5	1.2	.5									3.3	4.1
SSE	1.3	1.1	.4									2.8	4.1
S	2.2	3.1	2.2	.4								7.8	5.7
SSW	.5	1.7	1.2	.6	.1							4.2	5.9
SW	.8	2.1	2.5	1.3	.1	.0		.0				6.9	8.0
WSW	.4	1.4	2.5	2.0	.3	.0				.0		6.8	9.0
W	1.1	2.3	3.1	1.9	.4	.1	.0					8.9	8.7
WNW	.8	.7	.6	.2	.0	.1	.0					2.8	7.1
NW	1.0	.6	.6	.3	.0	.1						2.7	6.5
NNW	.3	.6	.5	.3								1.5	5.7
VARBL	.5	.1	.3	.0								1.0	4.8
CALM												19.3	
	17.1	25.6	25.4	10.7	1.2	.3	.1	.0		.0		100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/VAC

SURFACE WINDS

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

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.9	1.1	.5								3.1	6.5
NNE	.4	.6	.8	.3								2.2	7.1
NE	.5	.5	1.6	1.8	.1							4.5	9.7
ENE	.4	2.0	3.2	1.8								7.4	8.3
E	2.4	3.7	4.3	.9								11.2	6.3
ESE	.9	1.4	.7	.0								3.1	5.0
SE	2.2	1.3	.3	.0								3.8	3.7
SSE	1.6	.9	.5									3.0	4.1
S	2.7	3.4	1.8	.3								8.2	5.2
SSW	.7	1.6	1.3	.6	.1							4.3	7.2
SW	.4	2.0	2.8	2.2	.3	.1						7.8	9.2
WSW	.5	1.1	2.4	1.8	.4	.0		.0				6.2	9.8
W	.8	1.8	4.0	3.7	.8	.1	.0					11.3	10.0
WNW	.8	.2	.6	.4	.2	.0						2.9	6.9
NW	.6	.7	.9	.2	.2	.1	.0					2.8	8.5
NNW	.4	.6	.4	.3								1.7	7.0
VARBL	.7	.7	.4	.1								1.9	5.1
CALM												14.7	
	16.8	24.1	27.6	14.8	2.1	.4	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

35019 STATION: NIESBADEN AB GERMANY STATION NAME: 46-70 YEARS: CEC MONTH: 1500-1700 HOURS (L.S.T.)
 CLASS: 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	1.3	1.9	1.6	.1								4.9	5.6
NNE	.8	.7	1.2	.3								3.1	6.7
NE	1.1	1.1	1.0	1.2	.2							4.6	7.9
ENE	1.5	2.3	2.6	.8	.0							7.3	6.8
E	2.8	3.5	3.1	.4	.0							9.9	5.7
ESE	1.0	1.5	.2									2.8	4.2
SE	1.0	.5	.2	.0	.0							1.9	4.5
SSE	1.2	1.0	.3									2.5	4.1
S	2.5	4.3	1.7	.4								8.8	5.2
SSW	.9	1.3	1.4	.7								4.4	6.8
SW	.8	2.2	3.6	2.1	.2							8.9	8.4
WSW	.5	1.4	1.9	2.1	.3	.2						6.4	9.7
W	1.2	2.8	2.9	1.9	.4	.1						9.6	7.9
WNW	.4	.6	.8	.6								2.4	7.8
NW	.6	.9	.4	.6	.1		.1					2.7	8.1
NNW	.5	.4	.3	.2								1.5	5.8
VARBL	.5	.8	.3	.1		.0						1.8	5.6
CALM												16.6	
	19.9	27.5	23.7	11.6	1.3	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/440

SURFACE WINDS

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

STATION 35010 STATION NAME WIESBADEN, AM GERMANY YEARS 45-70 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 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	1.9	2.0	1.1	.4								5.4	5.5
NNE	1.2	1.5	.6	.5								4.0	5.9
NE	1.5	1.5	1.4	1.2	.0							5.9	6.9
ENE	1.4	2.0	2.2	.7								6.3	6.6
E	2.5	4.2	2.5	.7								9.9	5.7
ESE	.5	.6	.2									1.4	3.6
SE	.8	.9	.2	.0								1.9	4.4
SSE	.7	.9	.6	.1								2.3	5.3
S	1.5	3.4	2.5	.4								7.8	5.7
SSW	1.0	1.8	1.3	.5	.0							4.6	6.3
SW	.6	2.1	2.6	1.8	.3	.0						7.6	8.4
WSW	.9	1.5	2.2	1.4	.3	.1						6.4	8.8
W	1.4	1.4	2.1	1.6	.2							6.6	7.8
WNW	.5	.6	.9	.3		.0						2.3	7.5
NW	.3	.8	.6	.3	.1	.2						2.3	9.1
NNW	.4	.8	.6	.1								1.9	5.8
VARBL	.4	.6	.6	.0								1.7	5.7
CALM												21.6	
	13.0	26.7	22.2	10.1	.9	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

3501C STATION RIESSBADEN AB GERMANY 45-70 YEARS 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	1.7	1.8	1.7	.3		.0						5.5	5.8
NNE	1.0	1.1	.7	.3								3.0	5.5
NE	1.1	1.9	1.6	1.1	.2							5.9	7.4
ENE	1.2	3.1	2.4	.6	.1							7.5	6.5
E	2.2	3.8	2.5	.9								9.8	5.9
ESE	1.2	1.0	.3									2.5	4.0
SE	.7	1.0	.1	.0								1.9	4.0
SSE	.6	.8	.2	.2								1.8	5.1
S	1.5	3.1	1.6	.6								7.2	5.8
SSW	.9	1.6	1.1	.4								4.0	6.1
SW	1.0	2.4	2.3	1.8	.3							7.9	8.1
WSW	.6	1.3	1.6	1.3	.3	.1						5.2	9.3
W	1.1	2.3	2.4	1.9	.2	.0						7.8	8.1
WNW	.3	.7	.6	.1								1.8	6.0
NW	.7	.6	.8	.3	.2	.2						2.9	8.4
NNW	.4	.3	.6	.1	.0							1.4	6.5
VARL	.5	.4	.4	.2								1.5	5.9
CALM												22.3	
	17.5	27.2	21.0	10.2	1.3	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35010
 STATION

WIESBADEN AB GERMANY
 STATION NAME

46-70
 YEARS

ALL
 MONTH

INSTRUMENT
 CLASS

ALL
 HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE
 CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.0	.5	.2	.0	.0						3.3	4.9
NNE	1.0	.6	.4	.1	.0	.0						2.2	5.2
NE	1.4	1.1	.8	.3	.1	.0						3.6	5.7
ENE	1.3	1.7	1.6	.4	.0	.0						5.1	6.1
E	3.5	3.9	2.5	.5	.0	.0						10.5	5.3
ESE	1.5	1.5	.3	.0								3.3	4.1
SE	1.5	1.4	.3	.0	.0							3.4	4.0
SSE	1.5	1.3	.4	.1	.0							3.2	4.2
S	3.1	4.2	1.9	.3	.0	.0						9.5	5.0
SSW	.9	1.2	.7	.2	.0	.0						3.0	5.5
SW	1.1	1.6	1.2	.6	.1	.0						4.5	6.6
WSW	.9	1.1	.9	.5	.1	.0				.0		3.5	7.0
W	1.5	1.8	1.0	.4	.0	.0	.0					5.0	3.7
WNW	1.1	.8	.3	.1	.0	.0	.0					2.3	4.6
NW	1.0	.8	.4	.2	.0	.0	.0					2.4	5.3
NNW	.7	.5	.3	.1	.0	.0	.0	.0				1.6	5.5
VARBL	.8	.2	.0	.0								.9	2.4
CALM												32.7	
	24.4	24.6	13.4	4.2	.5	.1	.0	.0		.0		100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 40251

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

PART D CEILING VERSUS VISIBILITY

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

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

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 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 5/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

AKI

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38010 WIESBADEN AB GERMANY
STATION STATE TIME

40-70
YEARS

ALL
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING																
≥ 20000	24.9	27.1	29.2	30.8	31.6	32.6	33.2	33.4	33.8	34.1	34.2	34.3	34.4	34.4	34.4	34.5
IV 18000	29.0	31.6	34.1	35.9	36.9	37.1	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2
IV 16000	29.2	31.8	34.4	36.2	37.2	37.4	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5
IV 14000	29.3	31.9	34.5	36.3	37.3	37.5	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.6
IV 12000	29.7	32.3	34.9	36.7	37.7	37.9	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0
IV 10000	30.3	32.9	35.5	37.3	38.3	38.5	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6
IV 9000	30.5	33.1	35.7	37.5	38.5	38.7	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8
IV 8000	32.4	35.0	37.6	39.4	40.4	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6
IV 7000	32.7	35.3	37.9	39.7	40.7	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9
IV 6000	33.7	36.3	38.9	40.7	41.7	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9
IV 5000	35.3	37.9	40.5	42.3	43.3	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5
IV 4500	38.4	41.0	43.6	45.4	46.4	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6
IV 4000	40.7	43.3	45.9	47.7	48.7	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9
IV 3500	43.5	46.1	48.7	50.5	51.5	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7
IV 3000	45.4	48.0	50.6	52.4	53.4	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6
IV 2500	48.0	50.6	53.2	55.0	56.0	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2
IV 2000	50.4	53.0	55.6	57.4	58.4	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6
IV 1800	53.9	56.5	59.1	60.9	61.9	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1
IV 1500	55.9	58.5	61.1	62.9	63.9	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1
IV 1200	58.3	60.9	63.5	65.3	66.3	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5
IV 1000	58.8	61.4	64.0	65.8	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0
IV 900	59.7	62.3	64.9	66.7	67.7	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9
IV 800	60.0	62.6	65.2	67.0	68.0	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2
IV 700	60.1	62.7	65.3	67.1	68.1	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3
IV 600	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV 500	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV 400	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV 300	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV 200	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV 100	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4
IV 0	60.2	62.8	65.4	67.2	68.2	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4

TOTAL NUMBER OF OBSERVATIONS 217184

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 1945 II ST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		13.2	14.9	16.9	18.4	19.3	20.5	21.1	21.5	22.1	22.4	22.6	22.8	22.9	22.9	23.1
IV 18000		14.2	16.1	18.4	20.2	21.2	22.6	23.3	23.9	24.6	25.0	25.2	25.4	25.6	25.6	25.8
IV 16000		14.2	16.1	18.4	20.3	21.2	22.7	23.5	24.1	24.8	25.1	25.3	25.6	25.6	25.8	26.0
IV 14000		14.3	16.2	18.6	20.5	21.5	23.0	23.8	24.4	25.1	25.5	25.7	25.9	26.1	26.1	26.3
IV 12000		14.7	16.7	19.2	21.2	22.3	23.8	24.7	25.3	26.0	26.4	26.6	26.9	27.0	27.1	27.3
IV 10000		15.3	17.3	20.1	22.2	23.5	25.1	26.0	26.7	27.5	27.9	28.2	28.3	28.7	28.7	28.9
IV 9000		15.7	17.9	20.8	23.1	24.3	26.1	27.0	27.7	28.6	29.2	29.3	29.6	29.8	29.9	30.1
IV 8000		16.8	19.3	22.4	24.9	26.3	28.2	29.3	30.1	31.0	31.5	31.7	32.1	32.3	32.4	32.6
IV 7000		17.8	20.4	23.8	26.4	27.9	30.0	31.1	31.9	32.9	33.4	33.7	34.1	34.3	34.4	34.6
IV 6000		19.0	21.7	25.2	28.0	29.5	31.6	32.9	33.7	34.7	35.2	35.3	35.9	36.2	36.2	36.4
IV 5000		20.3	23.3	27.0	30.0	31.7	33.9	35.3	36.2	37.2	37.8	38.1	38.5	38.8	38.8	39.1
IV 4500		21.4	24.5	28.5	31.7	33.4	35.8	37.3	38.3	39.4	40.0	40.3	40.8	41.0	41.1	41.3
IV 4000		22.9	26.1	30.4	33.8	35.6	38.2	39.9	40.9	42.0	42.7	43.1	43.6	43.9	43.9	44.1
IV 3500		25.1	28.6	33.2	36.8	38.8	41.5	43.3	44.4	45.6	46.3	46.7	47.2	47.5	47.6	47.8
IV 3000		27.9	31.9	37.0	40.9	43.1	46.2	48.2	49.4	50.7	51.6	52.0	52.5	52.8	52.9	53.1
IV 2500		31.5	36.1	41.9	46.6	48.7	52.2	54.6	55.8	57.3	58.2	58.6	59.2	59.6	59.7	59.9
IV 2000		35.2	40.7	47.6	53.0	55.8	59.8	62.5	63.9	65.6	66.7	67.2	67.9	68.3	68.4	68.6
IV 1800		36.3	42.0	49.7	55.0	58.1	62.4	65.3	66.7	68.6	69.7	70.2	70.9	71.3	71.4	71.7
IV 1500		38.0	44.4	52.4	58.9	62.4	67.6	70.6	72.3	74.3	75.8	76.4	77.2	77.7	77.8	78.0
IV 1200		38.5	45.2	53.7	60.8	64.7	70.3	74.0	75.8	78.3	79.9	80.5	81.3	82.0	82.1	82.4
IV 1000		38.8	45.7	54.3	61.9	65.9	72.0	76.0	78.1	80.9	82.7	83.4	84.3	85.1	85.2	85.3
IV 900		38.8	45.8	54.7	62.2	66.3	72.5	76.7	78.9	81.8	83.7	84.5	85.6	86.3	86.4	86.7
IV 800		38.9	45.9	54.8	62.4	66.6	73.0	77.3	79.7	82.8	84.0	85.3	87.1	87.8	87.9	88.2
IV 700		38.9	46.0	54.9	62.6	66.8	73.3	77.7	80.2	83.3	85.8	86.8	88.2	89.0	89.1	89.4
IV 600		38.9	46.0	54.9	62.7	66.9	73.5	78.1	80.7	84.1	86.6	87.8	89.3	90.2	90.3	90.6
IV 500		38.9	46.0	55.0	62.8	67.0	73.7	78.3	81.1	84.8	87.6	88.9	90.8	91.7	92.0	92.4
IV 400		38.9	46.0	55.0	62.8	67.0	73.8	78.5	81.4	85.2	88.2	89.4	91.9	93.3	93.4	93.9
IV 300		38.9	46.0	55.0	62.8	67.0	73.8	78.6	81.5	85.4	88.7	90.2	92.7	94.4	94.6	95.3
IV 200		38.9	46.0	55.0	62.8	67.0	73.8	78.6	81.5	85.5	88.8	90.4	93.1	95.2	95.5	96.8
IV 100		38.9	46.0	55.0	62.8	67.0	73.8	78.6	81.5	85.5	88.9	90.4	93.2	95.5	95.9	98.3
IV 0		38.9	46.0	55.0	62.8	67.0	73.8	78.6	81.5	85.5	88.9	90.5	93.2	95.5	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 17851

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38010 WIESBADEN AB GERMANY

47-70

YEARS

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		14.9	17.3	20.1	22.1	23.2	25.0	26.0	26.4	27.1	27.6	27.8	28.1	28.3	28.3	28.6
≥ 23000		16.7	19.6	23.0	25.5	26.9	29.1	30.2	30.7	31.5	32.1	32.2	32.3	32.5	32.8	33.1
IV 18000		16.8	19.7	23.1	25.7	27.1	29.3	30.4	30.9	31.7	32.3	32.4	32.7	33.0	33.0	33.3
IV 16000		16.8	19.8	23.2	25.8	27.2	29.5	30.6	31.0	31.9	32.5	32.6	32.9	33.1	33.2	33.5
IV 14000		17.1	20.0	23.4	26.0	27.5	29.7	30.8	31.3	32.1	32.7	32.8	33.2	33.4	33.4	33.8
IV 12000		17.5	20.5	24.0	26.7	28.2	30.5	31.6	32.1	33.0	33.6	33.8	34.1	34.3	34.4	34.7
IV 10000		18.2	21.3	25.1	27.9	29.5	32.0	33.3	33.8	34.7	35.3	35.5	35.8	36.1	36.1	36.4
IV 9000		18.8	22.0	25.9	28.9	30.6	33.2	34.4	34.9	35.9	36.6	36.8	37.1	37.3	37.4	37.7
IV 8000		20.1	23.6	27.7	31.0	32.8	35.7	37.0	37.6	38.7	39.4	39.6	40.0	40.2	40.3	40.6
IV 7000		21.2	24.9	29.3	32.8	34.8	37.8	39.4	40.1	41.3	42.0	42.2	42.6	42.9	42.9	43.3
IV 6000		22.4	26.3	30.9	34.6	36.7	39.9	41.3	42.2	43.4	44.3	44.5	44.9	45.2	45.3	45.7
IV 5000		24.3	28.7	33.6	37.6	39.8	43.2	45.0	45.8	47.1	48.1	48.3	48.8	49.1	49.1	49.5
IV 4500		26.2	30.5	34.8	39.9	42.1	45.7	47.5	48.4	49.8	50.8	51.0	51.5	51.8	51.9	52.2
IV 4000		28.2	32.7	38.3	42.7	45.0	48.7	50.7	51.6	53.1	54.1	54.3	54.8	55.2	55.2	55.6
IV 3500		30.4	34.2	41.2	45.8	48.3	52.2	54.3	55.2	56.9	57.9	58.2	58.7	59.1	59.1	59.5
IV 3000		33.5	38.6	45.1	50.0	52.5	56.7	59.0	60.0	61.8	62.9	63.2	63.7	64.1	64.1	64.5
IV 2500		36.9	42.5	49.6	55.0	57.8	62.5	65.1	66.2	68.1	69.4	69.7	70.4	70.7	70.8	71.2
IV 2000		40.2	46.6	54.7	60.8	64.1	69.3	72.6	73.8	76.2	77.6	78.1	78.8	79.3	79.3	79.7
IV 1800		40.9	47.5	55.9	62.1	65.5	71.1	74.3	75.6	78.0	79.6	80.0	80.8	81.2	81.3	81.7
IV 1500		41.7	48.7	57.5	64.2	67.8	73.6	77.4	78.9	81.5	83.2	83.7	84.5	85.0	85.1	85.5
IV 1200		42.2	49.4	58.5	65.5	69.2	75.3	79.3	81.1	84.0	85.8	86.4	87.2	87.7	87.8	88.2
IV 1000		42.4	49.7	59.0	66.2	70.1	76.3	80.9	82.5	85.8	87.9	88.5	89.3	90.1	90.1	90.6
IV 900		42.4	49.8	59.1	66.3	70.2	77.1	81.2	82.9	86.2	88.5	89.2	90.2	90.2	90.7	91.3
IV 800		42.5	49.8	59.1	66.4	70.3	77.3	81.6	83.4	86.7	89.4	90.2	91.2	91.3	91.5	92.3
IV 700		42.5	49.8	59.1	66.4	70.4	77.5	81.8	83.7	87.4	90.0	90.9	92.0	92.0	92.8	93.2
IV 600		42.5	49.8	59.2	66.5	70.4	77.6	82.0	83.9	87.7	90.5	91.5	92.7	92.7	93.5	93.9
IV 500		42.5	49.8	59.2	66.5	70.5	77.6	82.1	84.1	88.1	91.2	92.3	93.5	93.5	94.6	95.2
IV 400		42.5	49.8	59.2	66.5	70.5	77.7	82.2	84.2	88.4	91.7	92.9	94.7	94.7	95.9	96.5
IV 300		42.5	49.8	59.2	66.5	70.5	77.7	82.2	84.2	88.4	91.8	93.0	94.9	94.9	96.1	96.8
IV 200		42.5	49.8	59.2	66.5	70.5	77.7	82.2	84.2	88.4	91.8	93.0	94.9	94.9	96.1	96.8
IV 100		42.5	49.8	59.2	66.5	70.5	77.7	82.2	84.2	88.4	91.8	93.0	94.9	94.9	96.1	96.8
IV 0		42.5	49.8	59.2	66.5	70.5	77.7	82.2	84.2	88.4	91.8	93.0	94.9	94.9	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 16269

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WEISBADEN AB GERMANY
STATION NUMBER

40-70
YEARS

JAR
GROUP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
LOCALITY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.5/16	≥.4	≥0
NO CEILING	24.6	27.9	30.9	33.2	34.4	35.9	36.8	37.1	37.6	38.0	38.2	38.3	38.4	38.4	38.5	
≥ 20000	27.6	31.7	35.2	37.8	39.2	41.0	42.0	42.4	42.9	43.4	43.6	43.7	43.8	43.8	44.0	
IV 18000	28.0	31.9	35.5	38.1	39.5	41.3	42.3	42.7	43.2	43.7	43.9	44.0	44.1	44.1	44.3	
IV 16000	28.0	31.9	35.5	38.1	39.5	41.3	42.4	42.8	43.3	43.8	43.9	44.1	44.2	44.2	44.3	
IV 14000	28.3	32.2	35.8	38.4	39.8	41.7	42.8	43.1	43.7	44.2	44.3	44.5	44.6	44.6	44.7	
IV 12000	28.9	33.0	36.7	39.4	40.8	42.7	43.8	44.2	44.8	45.3	45.4	45.6	45.7	45.7	45.9	
IV 10000	30.2	34.5	38.4	41.4	42.9	44.9	46.1	46.5	47.1	47.7	47.8	48.0	48.1	48.1	48.2	
IV 9000	30.9	35.2	39.4	42.4	44.0	46.1	47.4	47.8	48.5	49.1	49.2	49.4	49.5	49.5	49.6	
IV 8000	32.8	37.4	41.8	45.2	46.9	49.3	50.7	51.2	51.9	52.5	52.7	52.9	53.0	53.0	53.1	
IV 7000	34.3	39.2	43.9	47.4	49.2	51.7	53.2	53.8	54.6	55.3	55.4	55.6	55.8	55.8	55.9	
IV 6000	36.0	41.2	46.1	49.8	51.7	54.3	55.9	56.4	57.3	58.0	58.2	58.4	58.5	58.5	58.7	
IV 5000	38.2	43.7	49.0	53.0	55.0	57.7	59.4	60.0	60.9	61.7	61.9	62.1	62.3	62.3	62.4	
IV 4500	40.0	45.8	51.4	55.7	57.9	60.7	62.5	63.1	64.0	64.8	65.0	65.2	65.4	65.4	65.5	
IV 4000	42.5	48.6	54.5	59.0	61.4	64.4	66.2	66.8	67.8	68.7	68.8	69.1	69.2	69.2	69.4	
IV 3500	45.3	51.8	58.1	62.9	65.3	68.3	70.4	71.1	72.1	73.0	73.1	73.4	73.6	73.6	73.7	
IV 3000	48.4	55.4	62.2	67.5	70.1	73.4	75.4	76.1	77.2	78.2	78.3	78.6	78.8	78.8	78.9	
IV 2500	51.5	59.1	66.5	72.3	75.0	78.5	80.6	81.4	82.6	83.5	83.7	84.0	84.2	84.2	84.4	
IV 2000	54.1	62.3	70.3	77.3	80.2	83.9	86.1	86.9	88.2	89.2	89.4	89.7	89.8	89.9	90.0	
IV 1800	54.3	62.9	71.5	78.3	81.3	85.1	87.4	88.3	89.5	90.6	90.8	91.1	91.2	91.3	91.4	
IV 1500	55.3	64.0	73.1	80.3	83.4	87.3	89.9	90.8	92.2	93.3	93.5	93.8	94.0	94.0	94.2	
IV 1200	55.6	64.4	73.7	81.1	84.3	88.6	91.2	92.2	93.6	94.8	95.0	95.3	95.6	95.6	95.8	
IV 1000	55.8	64.8	74.1	81.8	85.1	89.6	92.2	93.2	94.8	96.0	96.3	96.7	96.9	96.9	97.1	
IV 900	55.8	64.8	74.2	81.8	85.1	89.6	92.3	93.3	94.9	96.2	96.5	96.8	97.1	97.1	97.3	
IV 800	55.8	64.8	74.2	82.0	85.3	89.9	92.7	93.7	95.4	96.7	97.0	97.4	97.6	97.7	97.9	
IV 700	55.8	64.8	74.2	82.0	85.4	90.0	92.8	93.9	95.6	97.0	97.3	97.7	98.0	98.0	98.2	
IV 600	55.8	64.8	74.2	82.1	85.4	90.1	92.9	94.0	95.7	97.2	97.5	98.0	98.2	98.3	98.5	
IV 500	55.8	64.8	74.2	82.1	85.5	90.1	93.0	94.1	95.8	97.3	97.6	98.1	98.3	98.4	98.6	
IV 400	55.8	64.8	74.2	82.1	85.5	90.1	93.0	94.1	95.9	97.4	97.7	98.2	98.4	98.5	98.7	
IV 300	55.8	64.8	74.2	82.1	85.5	90.1	93.0	94.1	95.9	97.4	97.7	98.2	98.4	98.5	98.7	
IV 200	55.8	64.8	74.2	82.1	85.5	90.1	93.0	94.1	95.9	97.4	97.7	98.2	98.4	98.5	98.7	
IV 100	55.8	64.8	74.2	82.1	85.5	90.1	93.0	94.2	95.9	97.4	97.7	98.2	98.4	98.5	98.7	
IV 0	55.8	64.8	74.2	82.1	85.5	90.1	93.0	94.2	95.9	97.4	97.7	98.2	98.4	98.5	98.7	

TOTAL NUMBER OF OBSERVATIONS 18592

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING		33.1	35.2	37.0	38.1	38.6	39.0	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000		38.8	41.5	43.7	45.2	45.9	46.5	46.8	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.1
IV 18000		39.1	41.7	44.1	45.5	46.2	46.8	47.1	47.2	47.3	47.4	47.4	47.4	47.5	47.5	47.5
IV 16000		39.3	41.9	44.3	45.7	46.4	47.0	47.3	47.4	47.5	47.6	47.6	47.6	47.7	47.7	47.7
IV 14000		39.7	42.4	44.8	46.3	47.0	47.6	47.9	48.0	48.1	48.2	48.2	48.2	48.3	48.3	48.3
IV 12000		40.8	43.5	46.1	47.6	48.4	49.0	49.3	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.7
IV 10000		42.9	45.8	48.6	50.3	51.2	51.8	52.2	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6
IV 9000		44.4	47.5	50.4	52.3	53.2	54.0	54.4	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8
IV 8000		47.2	50.7	54.1	57.2	57.8	58.2	58.7	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3
IV 7000		49.4	53.1	56.7	59.5	60.2	61.2	61.7	61.9	62.2	62.3	62.3	62.3	62.4	62.4	62.4
IV 6000		52.0	56.0	59.9	62.4	63.7	64.8	65.3	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.0
IV 5000		55.7	60.1	64.3	67.0	68.3	69.5	70.1	70.4	70.6	70.7	70.8	70.8	70.9	70.9	70.9
IV 4500		58.3	62.9	67.4	70.2	71.6	72.9	73.5	73.8	74.0	74.2	74.2	74.2	74.3	74.3	74.3
IV 4000		61.9	66.5	71.3	74.4	75.9	77.3	78.0	78.3	78.5	78.7	78.7	78.7	78.8	78.8	78.8
IV 3,000		55.1	70.3	75.2	78.3	79.8	81.3	82.0	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.8
IV 3000		68.6	74.1	79.3	82.6	84.2	85.5	86.5	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.4
IV 2500		71.3	77.3	83.8	86.5	88.0	89.6	90.4	90.8	91.1	91.2	91.2	91.3	91.3	91.4	91.4
IV 2000		74.0	80.2	86.0	89.8	91.6	93.5	94.2	94.6	94.9	95.0	95.1	95.1	95.1	95.2	95.2
IV 1800		74.3	80.9	86.7	90.5	92.3	94.2	95.0	95.4	95.8	95.9	95.9	96.0	96.0	96.0	96.1
IV 1500		75.2	81.6	87.8	91.7	93.6	95.5	96.6	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5
IV 1200		75.4	82.1	88.2	92.2	94.2	96.2	97.2	97.6	98.0	98.2	98.3	98.3	98.3	98.4	98.4
IV 1000		75.5	82.2	88.4	92.4	94.3	96.3	97.3	97.6	98.0	98.3	98.4	98.4	98.4	98.5	98.5
IV 500		75.5	82.2	88.5	92.5	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 800		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 700		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 600		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 500		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 400		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 300		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 200		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 100		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6
IV 0		75.5	82.2	88.5	92.6	94.4	96.4	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 17585

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 41ESBADEN AB GERMANY

46-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.0	
NO CEILING																	
≥ 20000	35.1	36.8	38.1	39.0	39.4	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 18000	42.9	44.7	46.7	47.8	48.2	48.5	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 16000	43.6	45.7	47.5	48.5	49.0	49.3	49.4	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
IV 14000	44.4	46.4	48.3	49.4	49.8	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 12000	45.5	47.7	49.6	50.7	51.1	51.5	51.6	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 10000	48.6	50.8	52.9	54.1	54.6	55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 9000	50.8	53.2	55.4	56.7	57.3	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 8000	55.2	57.9	60.3	61.8	62.5	63.0	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 7000	58.0	60.9	63.6	65.2	65.9	66.5	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
IV 6000	61.6	64.9	67.7	69.5	70.2	70.9	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 5000	65.6	69.2	72.2	74.2	74.9	75.7	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 4500	68.2	72.0	75.3	77.3	78.1	78.9	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
IV 4000	72.2	76.2	79.7	81.9	82.7	83.6	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
IV 3500	75.1	79.6	83.0	85.3	85.1	87.1	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	78.3	82.8	86.6	89.0	89.9	91.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 2500	80.3	84.1	89.2	91.7	92.6	93.7	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
IV 2000	81.8	86.9	91.3	94.0	95.0	96.3	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
IV 1800	81.9	87.1	91.5	94.3	95.3	96.6	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	82.3	87.6	92.1	95.0	96.1	97.5	97.9	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	82.4	87.7	92.3	95.3	96.4	97.8	98.3	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	82.4	87.7	92.4	95.4	96.6	98.0	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	82.4	87.8	92.4	95.5	96.6	98.0	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	82.4	87.8	92.5	95.5	96.7	98.1	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	82.4	87.8	92.5	95.5	96.7	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	82.4	87.8	92.5	95.5	96.7	98.2	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	82.4	87.8	92.5	95.5	96.7	98.2	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	82.4	87.8	92.5	95.5	96.8	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	82.4	87.8	92.5	95.5	96.8	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	82.4	87.8	92.5	95.5	96.8	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	82.4	87.8	92.5	95.5	96.8	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 0	82.4	87.8	92.5	95.5	96.8	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 18502

DATA PROCESSING DIVISION
 USAF ETAC
 AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING		34.6	36.3	37.7	38.7	39.2	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.9
≥ 20000		42.6	44.4	46.2	47.3	48.0	48.4	48.6	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8
IV 18000		42.7	44.4	46.3	47.7	48.4	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2
IV 16000		42.8	44.5	46.6	47.7	48.3	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
IV 14000		43.3	45.3	47.1	48.3	49.0	49.3	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
IV 12000		44.6	46.7	48.6	49.8	50.3	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3
IV 10000		47.4	49.7	51.8	53.2	54.0	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
IV 9000		49.3	52.1	54.4	55.9	56.8	57.3	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8
IV 8000		53.9	56.6	59.0	60.8	61.7	62.3	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8
IV 7000		56.7	59.9	62.7	64.9	65.6	66.4	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
IV 6000		60.3	63.8	66.8	68.9	69.9	70.7	70.9	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3
IV 5000		54.2	60.0	71.3	73.7	74.8	75.7	76.0	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4
IV 4500		66.7	70.3	74.1	76.8	77.7	78.6	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4
IV 4000		70.1	75.2	78.1	80.7	81.8	82.9	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6
IV 3500		72.9	77.3	81.3	84.1	85.3	86.4	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 3000		73.7	80.3	84.6	87.6	88.9	90.0	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500		77.0	83.8	87.0	90.1	91.5	92.7	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000		79.3	84.4	88.1	92.4	93.9	95.2	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800		79.3	84.7	89.3	92.9	94.5	95.7	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500		80.1	85.5	90.3	94.0	95.8	97.0	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200		80.2	85.6	90.8	94.4	96.3	97.4	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000		80.3	85.7	91.0	94.6	96.5	97.6	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 900		80.3	85.8	91.0	94.7	96.6	97.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 800		80.3	85.8	91.0	94.7	96.6	97.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 700		80.3	85.8	91.0	94.7	96.6	97.7	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 600		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 500		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 400		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 300		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 200		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 100		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 0		80.3	85.8	91.0	94.8	96.6	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 17993

DATA PROCESSING DIVISION
 USAF ETAC
 AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

48-70

YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.1	≥0	≥0
NO CEILING																
IV 20000	35.9	38.0	39.7	40.7	41.1	41.9	41.7	41.7	41.9	41.8	41.8	41.8	41.8	41.8	41.9	41.9
IV 18000	41.2	43.0	43.8	46.9	47.8	48.0	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5
IV 16000	41.3	44.0	46.1	47.3	47.9	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8
IV 14000	41.6	44.0	46.2	47.4	47.9	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9
IV 12000	42.0	44.9	46.7	47.9	48.4	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4
IV 10000	42.2	45.7	47.9	48.2	49.7	50.3	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7
IV 9000	46.3	49.1	51.0	52.9	53.6	54.2	54.9	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7
IV 8000	48.3	51.4	54.0	55.4	56.0	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
IV 7000	52.9	56.3	59.3	61.0	61.8	62.6	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
IV 6000	56.8	60.6	63.8	65.6	66.4	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	60.6	64.9	67.9	69.9	70.8	71.8	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4500	64.6	68.8	72.3	74.7	75.6	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4000	67.6	71.8	75.6	77.8	78.8	79.9	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3500	71.2	75.7	79.6	82.0	83.0	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	73.9	78.6	82.7	85.2	86.2	87.4	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2500	74.6	81.7	85.8	88.4	89.3	90.8	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	78.5	83.6	88.1	90.7	91.9	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	80.1	85.4	90.2	92.0	94.2	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	80.3	85.7	90.6	93.4	94.7	96.2	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	80.8	86.3	91.4	94.2	95.7	97.3	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	81.0	86.6	91.7	94.6	96.1	97.6	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	81.1	86.7	91.8	94.8	96.3	97.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 18869

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
DATA

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING																
≥ 20000		33.8	35.6	37.2	38.1	38.6	39.0	39.3	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.6
IV 18000		40.9	42.3	43.2	44.6	45.9	47.6	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4
IV 16000		41.1	43.4	45.4	46.6	47.1	47.8	48.2	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.6
IV 1400		41.8	44.1	46.2	47.4	47.9	48.6	49.0	49.1	49.2	49.3	49.3	49.3	49.4	49.4	49.4
IV 1200		43.5	46.1	48.2	49.5	50.1	50.9	51.3	51.4	51.5	51.6	51.6	51.6	51.7	51.7	51.7
IV 10000		46.8	49.3	51.9	53.4	54.1	54.9	55.4	55.5	55.7	55.8	55.8	55.8	55.8	55.9	55.9
IV 9000		49.1	52.1	54.7	56.3	57.0	57.9	58.4	58.5	58.7	58.8	58.8	58.8	58.8	58.9	58.9
IV 8000		53.8	57.2	60.2	62.0	62.8	63.8	64.3	64.5	64.7	64.8	64.8	64.8	64.9	64.9	64.9
IV 7000		57.6	61.3	64.5	66.5	67.3	68.3	69.0	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.7
IV 6000		60.9	64.9	68.3	70.4	71.3	72.3	73.1	73.3	73.5	73.7	73.7	73.7	73.7	73.8	73.8
IV 5000		65.0	69.4	73.0	75.3	76.3	77.6	78.3	78.4	78.7	78.8	78.8	78.8	78.9	78.9	79.0
IV 4000		66.9	71.5	75.3	77.7	78.7	80.1	80.7	80.9	81.2	81.3	81.3	81.3	81.4	81.4	81.4
IV 3200		67.7	73.5	77.3	81.0	82.1	83.3	84.2	84.4	84.7	84.8	84.8	84.8	84.9	84.9	84.9
IV 3000		72.0	77.0	81.1	83.7	84.9	86.4	87.0	87.3	87.5	87.7	87.7	87.7	87.7	87.8	87.8
IV 2500		74.4	79.2	83.9	86.7	87.9	89.3	90.1	90.3	90.7	90.8	90.8	90.8	90.9	90.9	90.9
IV 2000		75.9	81.2	85.7	88.7	90.0	91.6	92.3	92.6	92.9	93.1	93.1	93.1	93.2	93.2	93.2
IV 1800		77.2	82.9	87.6	90.8	92.2	93.9	94.7	94.9	95.3	95.3	95.3	95.3	95.4	95.4	95.4
IV 1500		77.4	83.2	88.0	91.3	92.7	94.4	95.2	95.5	95.9	96.0	96.0	96.0	96.1	96.2	96.2
IV 1200		77.9	83.7	88.7	92.1	93.5	95.4	96.2	96.5	96.9	97.1	97.1	97.1	97.2	97.3	97.3
IV 1000		78.1	84.1	89.2	92.7	94.2	96.1	96.9	97.3	97.7	98.1	98.1	98.1	98.2	98.2	98.2
IV 900		78.2	84.2	89.3	93.0	94.5	96.3	97.1	97.4	97.8	98.2	98.2	98.2	98.3	98.3	98.3
IV 800		78.2	84.2	89.3	93.1	94.6	96.4	97.2	97.5	97.9	98.3	98.3	98.3	98.4	98.4	98.4
IV 700		78.2	84.2	89.3	93.1	94.7	96.5	97.3	97.6	98.0	98.4	98.4	98.4	98.5	98.5	98.5
IV 600		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6
IV 500		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6
IV 400		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6
IV 300		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6
IV 200		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6
IV 100		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6
IV 0		78.2	84.2	89.3	93.2	94.8	96.6	97.4	97.7	98.1	98.5	98.5	98.5	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 18463

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33010 WIESBADEN AB GERMANY

46-70

SEP

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

ALL
MOON SET

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	32.9	33.9	37.5	39.8	41.3	42.9	43.8	44.1	44.6	44.9	45.0	45.1	45.2	45.2	45.4	45.4
≥ 20000	34.8	38.3	42.1	45.0	46.6	48.6	49.6	49.9	50.6	51.0	51.1	51.2	51.3	51.3	51.6	51.6
IV 18000	35.1	38.6	42.4	45.4	47.0	49.0	50.0	50.4	51.0	51.4	51.5	51.6	51.8	51.8	52.0	52.0
IV 16000	35.2	38.7	42.5	45.5	47.1	49.0	50.1	50.5	51.1	51.5	51.6	51.7	51.9	51.9	52.1	52.1
IV 14000	35.6	39.2	43.1	46.1	47.7	49.7	50.7	51.1	51.8	52.2	52.3	52.6	52.9	52.9	52.8	52.8
IV 12000	36.8	40.5	44.5	47.7	49.3	51.4	52.4	52.8	53.5	53.9	54.0	54.1	54.2	54.3	54.3	54.3
IV 10000	39.0	42.0	47.3	50.7	52.3	54.7	55.9	56.3	57.1	57.5	57.6	57.7	57.9	57.9	56.2	56.2
IV 9000	40.8	44.9	49.4	52.9	54.8	57.1	58.4	58.8	59.6	60.1	60.2	60.3	60.5	60.5	60.8	60.8
IV 8000	43.7	48.1	52.9	56.8	58.8	61.2	62.7	63.2	64.0	64.5	64.7	64.9	65.0	65.0	65.3	65.3
IV 7000	46.0	50.8	55.2	59.9	61.9	64.6	66.1	66.6	67.5	68.0	68.2	68.6	68.5	68.5	68.8	68.8
IV 6000	48.2	53.3	58.2	62.8	64.9	67.7	69.1	69.7	70.6	71.2	71.3	71.5	71.7	71.7	72.0	72.0
IV 5000	51.1	56.4	62.0	66.4	68.6	71.6	73.1	73.7	74.7	75.2	75.4	75.8	75.8	75.8	76.1	76.1
IV 4500	52.8	58.2	63.9	68.5	70.7	73.7	75.6	76.0	76.9	77.5	77.7	77.9	78.0	78.1	78.4	78.4
IV 4000	54.5	61.2	67.1	71.9	74.1	77.3	79.0	79.6	80.6	81.2	81.4	81.6	81.7	81.7	82.1	82.1
IV 3500	57.4	63.3	69.6	74.5	76.8	80.0	81.8	82.4	83.4	84.1	84.3	84.4	84.6	84.6	84.9	84.9
IV 3000	59.6	65.7	72.3	77.4	79.8	83.2	85.0	85.7	86.8	87.4	87.6	87.8	88.0	88.0	88.3	88.3
IV 2500	61.3	67.6	74.3	79.7	82.2	85.7	87.6	88.3	89.4	90.2	90.3	90.5	90.7	90.7	91.0	91.0
IV 2000	62.5	69.2	76.4	82.0	84.6	88.3	90.3	91.0	92.2	92.8	93.1	93.3	93.5	93.5	93.8	93.8
IV 1800	62.7	69.5	76.9	82.5	85.1	88.9	90.9	91.6	92.8	93.5	93.7	93.9	94.1	94.1	94.4	94.4
IV 1500	63.1	70.0	77.4	83.3	86.0	90.0	92.1	92.9	94.1	94.8	95.0	95.2	95.4	95.4	95.8	95.8
IV 1200	63.3	70.2	77.8	83.8	86.6	90.6	92.7	93.5	94.7	95.4	95.7	95.9	96.2	96.2	96.6	96.6
IV 1000	63.3	70.3	78.0	84.1	86.9	91.1	93.4	94.2	95.5	96.2	96.5	96.8	97.0	97.0	97.4	97.4
IV 900	63.3	70.3	78.0	84.1	87.0	91.1	93.4	94.2	95.5	96.2	96.5	96.8	97.0	97.0	97.4	97.4
IV 800	63.4	70.3	78.0	84.1	87.0	91.1	93.4	94.2	95.5	96.2	96.5	96.8	97.0	97.0	97.4	97.4
IV 700	63.4	70.3	78.0	84.2	87.1	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 600	63.4	70.3	78.1	84.2	87.1	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 500	63.4	70.3	78.1	84.2	87.1	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 400	63.4	70.3	78.1	84.2	87.1	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 300	63.4	70.3	78.1	84.2	87.2	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 200	63.4	70.3	78.1	84.2	87.2	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 100	63.4	70.3	78.1	84.2	87.2	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6
IV 0	63.4	70.3	78.1	84.2	87.2	91.3	93.6	94.4	95.7	96.4	96.7	97.0	97.2	97.2	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 17727

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

4670

5CT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	20.0	23.1	26.3	29.1	30.4	32.5	33.8	34.3	35.3	35.9	36.2	36.5	36.8	36.9	37.5	
IV 20000	22.5	26.0	29.6	32.6	34.1	36.5	38.0	38.6	39.7	40.4	40.7	41.2	41.5	41.6	42.3	
IV 18000	22.6	26.1	29.7	32.8	34.3	36.7	38.2	38.8	39.9	40.6	40.9	41.3	41.7	41.8	42.5	
IV 16000	22.7	26.2	29.8	32.9	34.3	36.8	38.3	38.9	40.0	40.7	41.0	41.5	41.8	41.9	42.6	
IV 14000	22.8	26.4	30.0	33.1	34.6	37.1	38.5	39.2	40.3	41.0	41.4	41.8	42.1	42.2	42.9	
IV 12000	23.3	26.9	30.6	33.8	35.3	37.8	39.3	40.0	41.1	41.8	42.1	42.6	42.9	43.0	43.7	
IV 10000	24.6	28.4	32.3	35.6	37.3	39.9	41.3	42.3	43.5	44.2	44.6	45.0	45.4	45.5	46.3	
IV 9000	25.4	29.2	33.2	36.7	38.4	41.2	42.8	43.6	44.9	45.7	46.0	46.5	46.9	47.1	47.8	
IV 8000	27.2	31.3	35.6	39.3	41.1	44.1	45.9	46.7	48.1	49.1	49.5	50.0	50.3	50.6	51.4	
IV 7000	28.5	32.8	37.3	41.1	43.1	46.1	48.0	48.9	50.3	51.4	51.8	52.4	52.8	53.0	53.8	
IV 6000	30.1	34.8	39.3	43.2	45.2	48.4	50.4	51.3	52.8	53.8	54.3	54.9	55.3	55.5	56.3	
IV 5000	32.1	37.0	41.9	46.0	48.1	51.4	53.5	54.5	56.0	57.2	57.7	58.3	58.8	58.9	59.8	
IV 4500	33.7	38.7	43.9	48.3	50.5	53.9	56.0	57.0	58.7	59.9	60.4	61.0	61.5	61.7	62.5	
IV 4000	35.9	41.3	46.9	51.5	53.8	57.5	59.7	60.7	62.5	63.8	64.3	65.0	65.6	65.7	66.6	
IV 3500	37.9	43.7	49.6	54.5	56.9	60.7	63.0	64.0	65.9	67.2	67.7	68.5	69.0	69.2	70.1	
IV 3000	40.3	46.6	52.9	58.1	60.5	64.5	67.0	68.0	70.0	71.4	72.0	72.8	73.3	73.5	74.4	
IV 2500	42.6	49.3	55.9	61.4	64.1	68.2	70.8	71.9	74.0	75.7	76.2	77.0	77.6	77.8	78.7	
IV 2000	44.6	52.7	59.0	64.9	67.7	72.2	75.0	76.2	78.4	80.1	80.7	81.6	82.2	82.4	83.4	
IV 1800	44.9	52.1	59.0	65.6	68.6	73.2	76.0	77.2	79.4	81.2	81.8	82.7	83.3	83.5	84.5	
IV 1500	45.6	52.1	60.9	67.3	70.4	75.3	78.2	79.3	81.5	83.3	83.9	84.4	85.3	85.5	86.5	
IV 1200	45.9	53.3	61.3	68.3	71.6	76.7	79.7	81.1	83.3	85.3	85.9	86.1	87.1	87.3	88.3	
IV 1000	46.0	53.7	61.8	68.8	72.2	77.5	80.7	82.1	84.6	86.6	87.4	88.4	89.1	89.4	90.3	
IV 900	46.0	53.8	61.9	68.9	72.3	77.7	80.9	82.3	84.9	86.9	87.7	88.7	89.4	89.7	90.6	
IV 800	46.0	53.9	61.9	69.0	72.4	77.9	81.2	82.7	85.3	87.4	88.2	89.3	90.0	90.3	91.2	
IV 700	46.0	53.8	62.0	69.0	72.5	78.0	81.3	82.9	85.6	87.8	88.6	89.7	90.3	90.7	91.7	
IV 600	46.0	53.8	62.0	69.1	72.5	78.1	81.5	83.1	85.9	88.1	89.0	90.2	91.0	91.2	92.2	
IV 500	46.0	53.8	62.0	69.1	72.6	78.2	81.7	83.4	86.3	88.7	89.7	91.1	91.9	92.2	93.2	
IV 400	46.0	53.8	62.0	69.2	72.6	78.2	81.7	83.5	86.5	89.0	90.1	91.6	92.6	92.8	93.9	
IV 300	46.0	53.8	62.0	69.2	72.7	78.3	81.8	83.6	86.6	89.1	90.4	91.9	93.1	93.4	94.5	
IV 200	46.0	53.8	62.0	69.2	72.7	78.3	81.8	83.6	86.6	89.2	90.5	92.1	93.6	94.1	95.1	
IV 100	46.0	53.8	62.0	69.2	72.7	78.3	81.8	83.6	86.7	89.3	90.5	92.1	93.6	94.1	95.1	
IV 0	46.0	53.8	62.0	69.2	72.7	78.3	81.8	83.6	86.7	89.3	90.5	92.2	93.7	94.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 18573

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 NIESBADEN AB GERMANY

4670

30V

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 OCCAS.

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		11.3	12.8	14.6	16.2	16.8	18.0	18.6	18.9	19.5	19.9	20.0	20.1	20.3	20.3	20.6
≥ 20000		13.0	14.8	16.9	18.8	19.5	20.9	21.8	22.2	23.0	23.5	23.8	23.8	24.0	24.0	24.3
IV 18000		13.1	15.0	17.1	19.0	19.8	21.2	22.1	22.5	23.3	23.8	24.0	24.2	24.3	24.4	24.7
IV 16000		13.1	15.0	17.1	19.1	19.9	21.3	22.2	22.6	23.4	23.9	24.1	24.3	24.3	24.3	24.5
IV 14000		13.3	15.2	17.4	19.4	20.2	21.6	22.6	23.0	23.8	24.3	24.5	24.7	24.9	24.9	25.2
IV 12000		13.8	15.7	17.9	20.0	20.9	22.3	23.3	23.7	24.6	25.1	25.3	25.5	25.7	25.8	26.0
IV 10000		14.6	16.7	19.1	21.3	22.3	23.9	25.0	25.5	26.4	27.0	27.2	27.4	27.6	27.7	28.0
IV 9000		15.3	17.4	20.1	22.4	23.3	25.2	26.4	26.9	27.8	28.3	28.7	28.9	29.1	29.2	29.5
IV 8000		16.5	18.8	21.8	24.4	25.7	27.7	29.1	29.8	30.2	31.3	31.7	32.0	32.2	32.3	32.6
IV 7000		17.6	20.1	23.3	26.1	27.5	29.8	31.3	32.0	33.1	33.9	34.1	34.4	34.7	34.7	35.0
IV 6000		19.2	21.8	25.2	28.3	29.8	32.2	33.9	34.6	35.9	36.7	37.0	37.3	37.6	37.6	37.9
IV 5000		21.1	26.0	27.8	31.1	32.8	35.4	37.2	38.0	39.3	40.2	40.5	40.8	41.1	41.2	41.5
IV 4500		22.6	25.8	29.8	33.4	35.3	38.0	39.9	40.7	42.1	43.0	43.4	43.5	44.1	44.1	44.5
IV 4000		24.3	27.9	32.3	36.2	38.2	41.2	43.2	44.0	45.5	46.3	46.9	47.3	47.6	47.7	48.0
IV 3500		26.4	30.2	35.0	39.2	41.3	44.4	46.6	47.3	49.0	50.2	50.5	51.0	51.3	51.4	51.8
IV 3000		29.4	33.5	39.0	43.5	45.8	49.2	51.6	52.5	54.2	55.3	55.9	56.4	56.8	56.8	57.2
IV 2500		33.0	37.8	43.9	49.1	51.5	55.3	57.9	58.9	60.9	62.2	62.7	63.2	63.6	63.7	64.1
IV 2000		36.6	42.4	49.6	55.4	58.3	62.6	65.5	66.7	68.9	70.5	71.0	71.6	72.1	72.1	72.5
IV 1800		37.3	43.3	50.8	56.9	59.9	64.3	67.4	68.6	70.9	72.5	73.0	73.7	74.2	74.2	74.6
IV 1500		39.0	45.6	53.6	60.4	63.9	68.8	72.2	73.3	76.2	77.9	78.5	79.2	79.7	79.7	80.2
IV 1200		39.6	46.3	55.1	62.4	66.1	71.9	75.1	76.7	79.3	81.4	82.0	82.8	83.4	83.5	83.9
IV 1000		40.0	47.1	56.0	63.7	67.7	73.5	77.4	79.1	82.3	84.4	85.0	86.0	86.6	86.7	87.1
IV 900		40.1	47.2	56.2	64.0	68.0	73.9	78.0	79.7	82.9	85.2	85.9	86.8	87.3	87.5	88.0
IV 800		40.2	47.4	56.4	64.4	68.6	74.7	78.9	80.7	84.1	86.3	87.2	88.1	88.9	88.9	89.4
IV 700		40.2	47.4	56.5	64.6	68.8	75.1	79.4	81.2	84.7	87.2	88.0	89.0	89.8	89.9	90.4
IV 600		40.2	47.4	56.5	64.7	68.9	75.3	79.7	81.7	85.3	87.9	88.8	89.9	90.7	90.8	91.3
IV 500		40.2	47.5	56.5	64.7	69.1	75.3	80.0	82.2	86.0	88.8	89.9	91.1	92.1	92.2	92.5
IV 400		40.2	47.5	56.6	64.8	69.1	75.3	80.2	82.4	86.3	89.4	90.5	92.0	93.2	93.3	93.9
IV 300		40.2	47.5	56.6	64.8	69.1	75.6	80.3	82.6	86.6	89.9	91.2	92.9	94.4	94.7	95.6
IV 200		40.2	47.5	56.6	64.8	69.1	75.6	80.3	82.6	86.7	90.0	91.4	93.2	95.1	95.3	97.0
IV 100		40.2	47.5	56.6	64.8	69.1	75.6	80.3	82.6	86.7	90.0	91.4	93.2	95.2	95.7	97.8
IV 0		40.2	47.5	56.6	64.8	69.1	75.6	80.3	82.6	86.7	90.1	91.5	93.3	95.4	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS

17967

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3501C WIESBADEN AB GERMANY

46-70

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

411

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING															
IV 20000	10.5	12.2	13.7	15.2	15.8	17.0	17.7	17.9	18.6	18.9	19.0	19.1	19.1	19.2	19.3
IV 18000	11.5	13.5	15.2	16.8	17.5	18.8	19.6	20.0	20.7	21.1	21.2	21.3	21.4	21.4	21.6
IV 16000	11.6	13.5	15.3	16.9	17.6	18.9	19.7	20.0	20.8	21.2	21.3	21.4	21.5	21.5	21.7
IV 14000	11.6	13.6	15.5	17.1	17.8	19.1	20.0	20.3	21.0	21.4	21.5	21.7	21.7	21.8	22.0
IV 12000	11.9	14.0	15.9	17.6	18.4	19.7	20.6	20.9	21.6	22.0	22.2	22.3	22.4	22.4	22.6
IV 10000	12.6	14.7	16.7	18.5	19.4	20.9	21.8	22.2	23.0	23.4	23.6	23.7	23.8	23.8	24.0
IV 9000	12.9	15.2	17.2	19.1	20.1	21.7	22.6	23.0	23.8	24.3	24.5	24.6	24.7	24.7	24.9
IV 8000	13.7	16.0	18.3	20.3	21.4	23.1	24.1	24.6	25.5	25.9	26.1	26.3	26.4	26.4	26.6
IV 7000	14.5	17.0	19.4	21.6	22.7	24.6	25.7	26.2	27.1	27.7	27.9	28.0	28.1	28.2	28.4
IV 6000	15.3	17.9	20.4	22.8	23.9	25.9	27.0	27.5	28.5	29.1	29.4	29.5	29.7	29.7	29.9
IV 5000	16.7	19.6	22.3	24.9	26.1	28.2	29.4	30.0	31.0	31.7	31.9	32.1	32.2	32.3	32.5
IV 4500	17.9	21.0	24.0	26.7	27.9	30.1	31.4	32.0	33.0	33.7	34.0	34.2	34.3	34.4	34.6
IV 4000	19.3	22.6	25.9	28.8	30.1	32.4	33.7	34.4	35.6	36.4	36.6	36.8	37.0	37.0	37.3
IV 3500	21.1	24.5	28.1	31.3	32.7	35.1	36.6	37.3	38.5	39.3	39.6	39.8	40.0	40.1	40.3
IV 3000	24.0	28.0	32.1	35.5	37.2	39.8	41.5	42.2	43.6	44.3	44.8	45.1	45.3	45.3	45.6
IV 2500	26.0	32.0	37.4	41.4	43.3	46.3	48.2	49.1	50.6	51.6	52.0	52.3	52.5	52.6	52.9
IV 2000	31.9	37.5	43.4	48.4	50.6	54.5	56.9	57.9	59.8	61.0	61.5	61.8	62.2	62.3	62.5
IV 1800	32.8	38.8	45.0	50.3	52.9	56.9	59.4	60.3	62.3	63.8	64.3	64.7	65.0	65.1	65.4
IV 1500	34.6	41.5	48.6	54.7	57.7	62.3	65.4	66.3	69.0	70.6	71.2	71.7	72.1	72.2	72.4
IV 1200	35.2	42.6	50.4	57.3	60.7	65.8	69.2	70.9	73.2	75.1	75.8	76.3	76.9	77.0	77.3
IV 1000	35.3	43.1	51.4	59.1	62.9	68.3	72.3	73.8	77.0	79.2	80.0	80.7	81.3	81.4	81.7
IV 900	35.6	42.2	51.7	59.6	63.6	69.3	73.4	74.9	78.2	80.5	81.3	82.0	82.7	82.8	83.1
IV 800	35.6	43.4	52.0	60.1	64.2	70.4	74.7	76.4	79.8	82.3	83.6	84.3	84.8	85.0	85.3
IV 700	35.6	43.4	52.1	60.4	64.6	70.9	75.4	77.2	81.0	83.0	84.7	85.7	86.4	86.5	86.8
IV 600	35.6	43.4	52.2	60.6	64.8	71.3	76.0	77.9	81.9	84.9	85.9	87.1	87.9	87.9	88.3
IV 500	35.6	43.4	52.3	60.7	65.0	71.5	76.7	78.7	83.1	86.3	87.3	89.0	89.8	90.0	90.5
IV 400	35.6	43.4	52.3	60.8	65.1	71.8	77.0	79.1	83.7	87.2	88.3	90.2	91.3	91.3	92.0
IV 300	35.6	43.4	52.3	60.8	65.1	71.8	77.1	79.2	83.9	87.6	89.1	91.1	92.6	92.9	93.6
IV 200	35.6	43.4	52.3	60.8	65.1	71.8	77.1	79.2	84.0	87.8	89.4	91.4	93.8	94.4	95.4
IV 100	35.6	43.4	52.3	60.8	65.1	71.8	77.1	79.2	84.0	87.8	89.4	91.6	93.9	94.6	95.4
IV 0	35.6	43.4	52.3	60.8	65.1	71.8	77.1	79.2	84.0	87.8	89.4	91.6	93.9	94.6	95.4

TOTAL NUMBER OF OBSERVATIONS 18597

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33010 WIESBADEN AB GERMANY

47-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000		17.4 18.0	19.1 19.8	21.2 22.0	23.1 23.9	24.4 23.3	25.6 26.7	26.2 27.5	26.7 28.2	27.5 29.0	27.9 29.4	28.0 29.5	28.1 29.6	28.1 29.6	28.2 29.7	
IV 18000 IV 16000		18.0 18.0	19.8 19.8	22.0 22.0	23.9 23.9	25.3 25.3	26.7 27.8	27.5 28.6	28.2 29.3	29.0 30.1	29.4 30.5	29.5 30.6	29.6 30.6	29.6 30.6	29.7 30.9	
IV 14000 IV 12000		18.0 18.6	19.8 20.4	22.0 22.6	24.0 24.9	25.4 26.3	26.8 27.8	27.6 28.6	28.3 29.3	29.1 30.1	29.5 30.5	29.6 30.6	29.7 30.6	29.7 30.6	29.8 30.9	
IV 10000 IV 9000		19.2 19.7	21.1 21.7	23.3 24.4	26.0 26.8	27.4 28.3	28.9 29.9	29.5 30.9	30.6 31.7	31.3 32.6	31.9 33.0	32.1 33.2	32.2 33.4	32.2 33.4	32.3 33.5	
IV 8000 IV 7000		20.9 22.0	23.0 24.1	26.2 27.6	28.7 30.6	30.3 32.2	32.1 34.2	33.1 35.4	33.6 36.2	34.9 37.3	35.3 37.7	35.6 38.1	35.7 38.1	35.8 38.2	35.9 38.3	
IV 6000 IV 5000		22.0 24.4	25.5 26.9	29.2 30.8	32.4 34.0	33.9 35.7	35.1 38.0	37.2 39.3	38.2 41.5	39.1 41.9	39.9 42.1	39.7 42.8	40.0 42.8	40.0 42.4	40.1 42.5	
IV 4500 IV 4000		25.9 27.4	28.5 30.3	32.6 34.6	36.0 38.3	37.8 40.3	40.2 42.8	41.6 44.2	42.6 45.4	43.9 46.6	44.8 47.1	44.6 47.4	44.8 47.7	44.9 47.7	45.0 47.8	
IV 3500 IV 3000		29.7 33.3	32.8 37.2	37.4 42.0	41.3 46.0	43.4 48.1	45.9 51.3	47.6 53.3	48.8 54.6	50.1 56.0	50.8 56.3	50.9 57.2	51.1 57.2	51.2 57.2	51.3 57.4	
IV 2500 IV 2000		36.7 40.2	40.6 44.8	46.2 51.4	50.9 56.8	53.2 59.3	56.7 63.1	59.0 65.7	60.3 67.2	61.7 68.7	62.2 69.3	62.6 69.7	63.0 70.1	63.0 70.1	63.1 70.2	
IV 1800 IV 1700		41.3 43.2	46.3 49.0	53.4 56.6	59.0 63.0	61.7 65.9	65.6 70.0	68.3 73.2	69.8 74.8	71.4 76.6	72.1 77.5	72.4 77.5	72.9 78.4	72.9 78.4	73.0 78.5	
IV 1200 IV 1000		43.7 44.2	49.6 50.3	57.6 58.8	64.3 65.9	67.9 69.7	72.8 74.7	75.9 78.1	77.5 80.1	79.6 82.6	80.6 83.8	81.0 84.3	81.3 84.8	81.8 85.2	81.9 85.4	
IV 900 IV 800		44.3 44.3	50.4 50.7	59.0 59.3	66.2 66.7	70.0 70.6	75.1 75.8	78.8 79.6	81.0 81.8	83.6 84.5	84.9 85.8	85.9 86.4	86.0 87.0	86.3 87.0	86.4 87.6	
IV 700 IV 600		44.3 44.3	50.8 50.8	59.4 59.4	67.0 67.1	70.9 71.1	75.1 75.3	80.1 80.6	82.3 83.1	84.4 85.0	85.8 86.6	87.4 88.2	88.1 89.0	88.3 89.0	88.6 89.7	
IV 500 IV 400		44.3 44.3	50.8 50.8	59.4 59.4	67.1 67.2	71.2 71.2	75.3 75.3	80.9 81.2	83.3 84.0	85.7 87.2	87.7 89.3	89.4 90.2	90.4 91.3	91.1 92.3	91.3 92.8	
IV 300 IV 200		44.3 44.3	50.8 50.8	59.4 59.4	67.1 67.1	71.2 71.2	75.3 75.3	80.9 81.3	84.2 84.3	87.6 87.8	89.7 90.2	90.7 91.2	92.4 93.1	93.6 94.0	94.1 95.9	
IV 100 IV 0		44.3 44.3	50.8 50.8	59.4 59.4	67.1 67.1	71.2 71.2	75.3 75.3	80.9 81.3	84.3 84.3	87.8 87.8	90.2 90.2	91.2 91.2	93.1 93.2	95.1 95.2	97.8 100.0	

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 STATION WIESBADEN AB GERMANY

47-70 YEARS

MONTH

PERCE. AGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS A.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥5/16	¼	≥0
NO CEILING																
IV 20000		16.4	17.9	19.3	20.7	21.9	23.3	23.7	24.2	24.8	25.1	25.1	25.3	25.3	25.4	25.5
IV 18000		17.3	18.8	20.3	21.8	23.0	24.5	25.1	25.7	26.4	26.7	26.7	26.9	26.9	27.0	27.1
IV 16000		17.3	18.8	20.3	21.8	23.0	24.5	25.1	25.7	26.4	26.7	26.7	26.9	26.9	27.0	27.1
IV 14000		17.3	18.8	20.3	21.8	23.0	24.5	25.1	25.7	26.4	26.7	26.7	26.9	26.9	27.0	27.1
IV 12000		17.8	19.3	20.9	22.5	23.9	25.5	26.1	26.7	27.4	27.7	27.7	27.8	27.8	28.0	28.0
IV 10000		18.3	20.0	21.6	23.5	24.8	26.6	27.2	27.9	28.8	29.2	29.2	29.3	29.4	29.5	29.6
IV 9000		18.8	20.6	22.4	24.3	25.7	27.5	28.2	28.9	29.8	30.2	30.2	30.4	30.4	30.6	30.7
IV 8000		19.8	21.9	23.7	25.7	27.2	29.2	30.0	30.8	31.7	32.1	32.2	32.3	32.4	32.6	32.7
IV 7000		20.6	22.9	25.0	27.2	28.7	30.7	31.6	32.4	33.3	33.7	33.8	33.9	34.1	34.2	34.3
IV 6000		21.6	24.1	26.3	28.6	30.2	32.3	33.3	34.1	34.9	35.4	35.4	35.7	35.8	35.9	36.1
IV 5000		23.1	25.7	28.1	30.5	32.1	34.3	35.3	36.1	37.0	37.5	37.5	37.7	37.9	38.0	38.2
IV 4500		24.7	27.6	30.0	32.6	34.2	36.6	37.8	38.8	39.8	40.3	40.4	40.6	40.8	40.9	41.1
IV 4000		25.8	28.8	31.7	34.6	36.4	38.9	40.2	41.3	42.3	42.9	42.9	43.2	43.4	43.5	43.7
IV .500		28.4	31.7	35.0	38.1	40.0	42.7	44.3	45.3	46.3	47.4	47.4	47.9	47.9	48.1	48.3
IV 3000		31.8	35.4	39.5	42.7	44.8	47.5	49.3	50.6	51.9	52.6	52.6	52.9	53.1	53.3	53.4
IV 2500		35.2	39.6	44.1	48.0	50.4	53.2	55.3	56.8	58.2	58.9	58.9	59.2	59.4	59.6	59.8
IV 2000		39.0	44.0	49.8	54.3	56.9	60.2	62.3	64.1	65.7	66.4	66.3	66.8	67.1	67.3	67.5
IV 1800		40.1	45.6	51.9	56.8	59.7	63.2	65.6	67.2	68.9	69.6	69.7	70.1	70.4	70.6	70.8
IV 1500		42.4	48.4	55.4	61.0	64.5	68.4	71.0	72.8	74.9	75.7	75.9	76.3	76.6	76.8	77.0
IV 1200		42.9	49.1	56.9	62.9	66.6	71.0	73.9	76.0	78.3	79.4	79.7	80.2	80.6	80.7	81.0
IV 1000		43.2	49.7	57.8	64.6	68.2	72.9	76.0	78.4	81.1	82.2	82.3	82.8	83.2	83.4	83.7
IV 800		43.3	50.0	58.2	65.1	69.0	73.8	77.2	79.6	82.3	83.3	83.3	83.9	84.6	84.8	85.1
IV 700		43.4	50.3	58.5	65.5	69.4	74.3	77.7	80.3	83.2	84.3	84.3	85.2	85.9	86.4	86.6
IV 600		43.4	50.3	58.5	65.5	69.4	74.3	77.7	80.3	83.2	84.3	84.3	85.2	85.9	86.4	86.6
IV 500		43.5	50.4	58.8	66.3	70.3	75.3	78.8	81.5	84.6	85.6	85.6	86.2	87.0	87.5	87.7
IV 400		43.5	50.4	58.8	66.3	70.3	75.3	78.8	81.5	84.6	85.6	85.6	86.2	87.0	87.5	87.7
IV 300		43.5	50.4	58.8	66.3	70.3	75.3	78.8	81.5	84.6	85.6	85.6	86.2	87.0	87.5	87.7
IV 200		43.5	50.4	58.8	66.3	70.3	75.3	78.8	81.5	84.6	85.6	85.6	86.2	87.0	87.5	87.7
IV 100		43.5	50.4	58.8	66.3	70.3	75.3	78.8	81.5	84.6	85.6	85.6	86.2	87.0	87.5	87.7
IV 0		43.5	50.4	58.8	66.3	70.3	75.3	78.8	81.5	84.6	85.6	85.6	86.2	87.0	87.5	87.7

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 STATION WIESBADEN AB GERMANY STATION ABBR

47-70 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.T.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25/16	≥.4	≥0	
NO CEILING		11.9	14.0	16.1	17.9	18.5	19.6	20.2	20.3	20.3	21.1	21.3	21.6	21.6	21.6	21.6
IV 20000		12.5	14.0	16.7	18.6	19.3	20.5	21.1	21.2	21.8	22.1	22.3	22.5	22.6	22.6	22.8
IV 18000		12.5	14.6	16.7	18.6	19.3	20.5	21.1	21.3	21.8	22.1	22.3	22.6	22.7	22.7	22.8
IV 16000		12.5	14.6	16.7	18.6	19.3	20.5	21.1	21.3	21.8	22.1	22.3	22.6	22.7	22.7	22.8
IV 14000		12.5	14.7	16.8	18.7	19.4	20.7	21.3	21.5	22.1	22.4	22.6	22.8	22.9	22.9	23.1
IV 12000		13.0	15.1	17.3	19.3	20.2	21.5	22.1	22.4	23.0	23.3	23.5	23.7	23.8	23.8	24.0
IV 10000		13.3	15.3	17.9	20.1	21.1	22.5	23.2	23.4	24.1	24.5	24.6	25.0	25.1	25.1	25.3
IV 9000		13.8	16.4	18.9	21.1	22.2	23.8	24.5	24.7	25.4	25.7	25.9	26.2	26.3	26.5	26.7
IV 8000		15.4	18.3	21.0	23.4	24.6	26.4	27.2	27.3	28.3	28.6	28.8	29.2	29.3	29.3	29.5
IV 7000		16.2	19.4	22.1	24.8	25.9	27.9	28.7	29.0	29.8	30.2	30.3	30.7	30.9	30.9	31.1
IV 6000		17.2	20.6	23.7	26.3	27.8	29.7	30.6	31.0	31.8	32.1	32.3	32.7	32.8	32.8	33.0
IV 5000		18.6	22.2	25.4	28.4	29.7	31.8	32.8	33.2	34.0	34.4	34.5	34.9	35.2	35.2	35.3
IV 4500		19.3	23.3	26.7	29.9	31.4	33.6	34.7	35.1	36.0	36.4	36.6	37.0	37.2	37.2	37.4
IV 4000		20.7	24.7	28.3	31.9	33.4	35.8	37.0	37.5	38.4	38.9	39.2	39.6	39.9	39.9	40.1
IV 3500		23.3	27.4	31.4	35.0	36.9	39.3	40.6	41.1	42.1	42.6	42.9	43.3	43.8	43.8	43.9
IV 3000		26.4	30.9	35.1	39.1	41.2	44.2	45.4	46.1	47.1	47.7	48.0	48.4	48.7	48.7	48.9
IV 2500		30.1	35.6	40.6	45.3	47.6	51.1	52.5	53.2	54.5	55.2	55.4	55.6	56.2	56.3	56.5
IV 2000		34.2	40.5	46.9	52.2	55.2	59.1	60.9	61.7	63.4	64.1	64.6	65.1	65.6	65.6	65.8
IV 1800		37.3	41.9	48.6	54.3	57.3	61.9	63.7	64.6	66.6	67.2	67.6	68.1	68.6	68.6	68.9
IV 1500		37.2	44.6	51.9	55.4	61.6	67.0	69.1	70.2	72.4	73.3	73.8	74.4	74.8	75.0	75.3
IV 1200		37.8	45.6	53.5	60.4	64.2	70.2	72.5	73.7	76.2	77.4	77.9	78.5	78.9	79.1	79.4
IV 1000		37.9	45.9	54.2	61.3	65.5	72.0	74.5	75.9	78.8	80.2	80.8	81.7	82.3	82.5	82.8
IV 900		38.0	46.0	54.4	61.3	65.9	72.5	75.0	76.5	79.9	80.9	81.5	82.4	83.1	83.2	83.6
IV 800		38.1	46.2	54.8	62.2	66.4	73.3	76.1	77.7	81.0	82.8	83.5	84.5	85.2	85.3	85.7
IV 700		38.2	46.3	54.9	62.4	66.5	73.4	76.3	78.0	81.4	83.4	84.1	85.2	85.9	86.0	86.4
IV 600		38.2	46.4	54.9	62.5	66.8	73.7	76.7	78.7	82.2	84.5	85.3	86.6	87.4	87.5	87.9
IV 500		38.2	46.5	55.1	62.7	66.9	73.9	76.9	78.9	82.5	85.1	86.0	87.6	88.6	88.8	89.1
IV 400		38.2	46.5	55.1	62.7	66.9	74.0	77.4	79.5	83.6	86.5	87.4	89.2	90.3	90.7	91.1
IV 300		38.2	46.5	55.1	62.7	66.9	74.1	77.6	79.9	84.2	87.4	88.4	90.5	92.0	92.2	93.0
IV 200		38.2	46.5	55.1	62.7	66.9	74.1	77.6	79.9	84.3	87.6	88.7	91.3	93.2	93.6	94.9
IV 100		38.2	46.5	55.1	62.7	66.9	74.1	77.6	79.9	84.3	87.7	88.8	91.5	93.8	94.0	97.0
IV 0		38.2	46.5	55.1	62.7	66.9	74.1	77.6	79.9	84.3	87.7	88.8	91.5	93.8	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING																
≥ 20000		9.2	10.5	12.5	13.9	14.7	15.5	16.0	16.5	17.2	17.6	17.8	18.0	18.2	18.3	18.8
IV 18000		10.0	11.4	13.9	15.7	16.7	17.7	18.3	18.8	19.8	20.1	20.3	20.7	21.0	21.0	21.5
IV 16000		10.0	11.3	14.0	15.7	16.7	17.8	18.6	19.1	19.9	20.4	20.7	21.0	21.3	21.3	21.8
IV 14000		10.2	11.7	14.3	16.0	17.0	18.1	18.9	19.4	20.3	20.7	21.0	21.3	21.6	21.7	22.2
IV 12000		10.4	11.9	15.0	16.8	17.8	18.9	19.7	20.3	21.2	21.6	21.9	22.2	22.5	22.6	23.1
IV 10000		10.8	12.3	15.7	17.7	18.8	20.2	21.0	21.6	22.5	23.1	23.3	24.0	24.4	24.4	24.9
IV 9000		11.1	12.9	16.3	18.4	19.5	21.0	21.9	22.5	23.6	24.2	24.7	25.2	25.6	25.6	26.1
IV 8000		12.4	14.3	17.9	20.2	21.7	23.4	24.3	25.2	26.4	27.0	27.3	28.1	28.5	28.5	29.0
IV 7000		13.0	15.0	18.7	21.1	22.8	24.6	25.7	26.6	27.8	28.5	29.0	29.9	29.9	29.9	30.4
IV 6000		14.3	16.3	20.4	22.9	24.8	26.6	28.0	29.0	30.2	30.8	31.3	32.0	32.3	32.4	32.9
IV 5000		15.5	17.9	21.8	24.6	26.4	28.4	29.8	30.9	32.2	32.9	33.4	34.1	34.3	34.6	35.1
IV 4500		16.0	18.5	22.6	25.5	27.5	29.5	30.9	32.0	33.3	34.1	34.6	35.2	35.6	35.7	36.2
IV 4000		17.3	20.1	24.5	27.5	29.5	31.9	33.4	34.5	36.0	36.9	37.3	38.3	38.8	38.9	39.4
IV 3500		19.3	22.1	26.7	30.1	32.2	34.6	36.3	37.4	39.0	40.0	40.7	41.3	42.1	42.2	42.7
IV 3000		21.2	24.7	29.8	33.8	36.0	38.7	40.6	41.7	43.3	44.6	45.4	46.2	46.9	47.0	47.5
IV 2500		24.4	28.3	34.8	39.4	41.8	44.8	47.0	48.1	50.2	51.4	52.2	53.1	53.8	53.9	54.4
IV 2000		27.8	33.0	40.3	46.0	49.1	52.8	55.7	57.1	59.4	61.0	62.0	63.2	64.0	64.1	64.6
IV 1800		28.7	34.0	41.7	47.9	51.4	55.5	58.6	60.2	62.5	64.3	65.3	66.6	67.4	67.5	68.0
IV 1500		29.8	35.6	44.2	51.0	54.9	59.5	63.4	65.0	68.0	70.0	71.2	72.7	73.7	73.8	74.3
IV 1200		30.2	36.4	45.5	52.8	57.1	62.4	66.8	68.7	71.9	74.3	75.3	77.3	78.3	78.3	79.0
IV 1000		30.4	36.7	46.2	53.5	58.3	64.3	68.8	71.0	74.5	77.1	78.4	80.5	81.6	81.6	82.3
IV 900		30.9	36.8	46.4	54.1	58.7	64.9	69.6	71.9	75.3	78.4	79.9	81.9	83.1	83.2	83.9
IV 800		30.4	36.8	46.4	54.2	58.9	65.4	70.3	72.8	76.6	80.1	81.7	83.9	85.1	85.2	85.8
IV 700		30.5	36.8	46.5	54.3	59.0	66.0	70.9	73.6	77.5	81.2	82.9	85.3	86.6	86.8	87.4
IV 600		30.5	36.8	46.5	54.4	59.0	66.1	71.1	73.9	78.0	82.0	84.0	86.6	87.9	88.1	88.7
IV 500		30.5	36.8	46.5	54.4	59.0	66.2	71.3	74.2	78.4	82.9	85.2	88.3	90.1	90.3	91.0
IV 400		30.5	36.8	46.5	54.4	59.0	66.2	71.3	74.3	78.6	83.3	85.7	89.2	91.3	91.7	92.5
IV 300		30.5	36.8	46.5	54.4	59.0	66.2	71.3	74.3	78.7	83.5	86.1	89.7	92.6	93.0	93.8
IV 200		30.5	36.8	46.5	54.4	59.0	66.2	71.3	74.3	78.7	83.7	86.3	90.1	93.7	94.2	94.8
IV 100		30.5	36.8	46.5	54.4	59.0	66.2	71.3	74.3	78.7	83.7	86.3	90.2	93.9	94.6	95.3
IV 0		30.5	36.8	46.5	54.4	59.0	66.2	71.3	74.3	78.7	83.7	86.3	90.2	93.9	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING IV 20000		9.6	11.1	13.1	14.4	15.4	16.4	17.0	17.5	18.2	18.6	19.0	19.3	19.4	19.4	19.6
IV 18000		11.2	12.9	15.5	17.7	19.0	20.3	21.2	22.0	22.8	23.3	23.9	24.1	24.3	24.3	24.6
IV 16000		11.2	12.9	15.5	17.7	19.0	20.3	21.2	22.1	22.8	23.4	23.9	24.2	24.4	24.4	24.6
IV 14000		11.3	13.1	15.7	18.0	19.4	20.7	21.6	22.3	23.3	23.8	24.3	24.6	24.8	24.8	25.0
IV 12000		11.6	13.6	16.3	18.7	20.2	21.6	22.6	23.3	24.3	24.0	25.5	25.8	26.0	26.0	26.3
IV 10000		12.3	14.2	17.1	19.7	21.3	22.9	24.1	25.0	25.8	26.5	27.1	27.4	27.7	27.7	28.0
IV 9000		12.8	14.7	17.8	20.6	22.2	23.9	25.0	26.0	26.8	27.6	28.1	28.4	28.7	28.7	29.0
IV 8000		13.6	15.8	19.1	22.1	24.1	25.9	27.2	28.2	29.1	29.9	30.6	31.0	31.3	31.3	31.6
IV 7000		14.7	15.9	20.5	23.5	25.7	28.0	29.3	30.4	31.3	32.2	32.9	33.3	33.9	33.9	34.2
IV 6000		15.3	17.7	21.4	24.5	26.8	29.0	30.4	31.3	32.4	33.3	34.1	34.6	35.0	35.0	35.3
IV 5000		16.6	19.0	22.9	26.2	28.7	31.0	32.5	33.6	34.5	35.5	36.2	36.8	37.3	37.3	37.6
IV 4500		17.3	19.8	23.8	27.3	30.0	32.4	34.2	35.3	36.3	37.3	38.1	38.7	39.2	39.2	39.5
IV 4000		18.4	21.1	25.3	29.0	31.8	34.5	36.3	37.3	38.6	39.7	40.5	41.1	41.6	41.6	41.9
IV 3500		20.4	23.1	27.7	31.5	34.5	37.2	39.2	40.4	41.5	42.7	43.6	44.2	44.7	44.7	45.0
IV 3000		22.9	26.0	31.0	35.4	38.4	41.7	43.8	45.1	46.3	47.7	48.7	49.3	49.8	49.8	50.1
IV 2500		27.2	30.8	35.6	41.6	44.9	48.7	51.0	52.4	53.7	55.1	56.0	56.7	57.3	57.3	57.6
IV 2000		31.3	36.2	42.2	49.8	53.7	58.1	60.8	62.3	64.0	65.3	66.5	67.3	68.0	68.0	68.3
IV 1800		32.0	37.1	44.4	51.3	55.5	60.1	62.9	64.8	66.4	68.0	69.0	69.8	70.5	70.5	70.8
IV 1500		32.6	39.0	47.4	54.9	59.7	63.1	66.3	68.3	70.3	72.4	74.2	75.3	77.0	77.0	77.4
IV 1200		34.1	40.0	48.7	57.2	62.5	66.5	72.4	74.8	77.0	79.3	80.6	81.6	82.4	82.4	82.8
IV 1000		34.3	40.3	49.2	57.8	63.9	70.2	74.3	76.8	79.3	82.0	83.5	84.8	85.7	85.7	86.2
IV 900		34.4	40.4	49.3	58.0	63.8	70.7	75.0	77.6	80.2	82.9	84.6	86.0	86.9	86.9	87.5
IV 800		34.4	40.4	49.3	58.1	63.9	70.9	75.4	78.0	80.8	83.6	85.4	87.0	88.2	88.2	88.8
IV 700		34.4	40.4	49.3	58.1	63.9	71.1	75.6	78.4	81.3	84.4	86.4	88.0	89.2	89.2	89.8
IV 600		34.4	40.4	49.3	58.1	63.9	71.2	75.9	78.7	82.0	85.1	87.1	89.1	90.5	90.6	91.2
IV 500		34.4	40.4	49.3	58.2	64.0	71.4	76.1	79.0	82.3	85.1	88.4	91.2	92.9	93.0	93.7
IV 400		34.4	40.4	49.3	58.2	64.0	71.4	76.1	79.0	82.8	85.5	88.9	92.3	94.4	94.4	95.3
IV 300		34.4	40.4	49.3	58.2	64.0	71.4	76.1	79.1	83.0	85.8	89.4	93.1	95.5	95.7	96.7
IV 200		34.4	40.4	49.3	58.2	64.0	71.4	76.1	79.1	83.0	85.9	89.5	93.3	96.1	96.2	97.0
IV 100		34.4	40.4	49.3	58.2	64.0	71.4	76.1	79.1	83.0	85.9	89.5	93.3	96.1	96.2	97.3
IV 0		34.4	40.4	49.3	58.2	64.0	71.4	76.1	79.1	83.0	85.9	89.5	93.3	96.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

AN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS -15-1

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5/16	≥.4	≥0
NO CEILING		11.6	13.2	14.8	15.9	16.4	17.0	17.6	18.1	18.7	19.1	19.2	19.4	19.6	19.6	19.6	19.7
IV 20000		13.2	15.0	16.9	18.4	19.4	20.4	21.3	22.0	22.8	23.2	23.4	23.8	24.2	24.2	24.3	
IV 18000		13.2	15.1	17.0	18.6	19.5	20.7	21.6	22.3	23.1	23.5	23.7	24.1	24.5	24.5	24.6	
IV 16000		13.2	15.1	17.0	18.7	19.6	20.8	21.8	22.5	23.3	23.7	23.9	24.3	24.7	24.7	24.8	
IV 14000		13.4	15.3	17.4	19.1	20.1	21.3	22.3	23.1	23.8	24.3	24.5	24.9	25.3	25.3	25.4	
IV 12000		14.0	15.9	18.1	20.1	21.1	22.4	23.3	24.1	24.9	25.4	25.5	26.0	26.3	26.3	26.5	
IV 10000		14.6	16.7	19.2	21.4	22.4	23.9	24.9	25.7	26.6	27.0	27.2	27.7	28.1	28.1	28.3	
IV 9000		14.9	17.1	19.8	22.1	23.2	24.8	25.9	26.8	27.7	28.1	28.4	28.9	29.2	29.2	29.4	
IV 8000		15.8	18.2	21.2	23.8	25.0	26.7	27.9	28.9	29.9	30.4	30.6	31.1	31.5	31.5	31.7	
IV 7000		16.8	19.4	22.6	25.2	26.6	28.4	29.6	30.7	31.9	32.4	32.6	33.2	33.6	33.6	33.8	
IV 6000		18.0	20.6	23.9	26.8	28.1	30.0	31.4	32.5	33.6	34.2	34.5	35.1	35.6	35.6	35.8	
IV 5000		19.2	22.2	25.7	28.9	30.3	32.3	34.0	35.2	36.5	37.0	37.2	37.9	38.4	38.4	38.5	
IV 4500		20.3	23.5	27.3	30.7	32.4	34.6	36.3	37.5	38.7	39.4	39.7	40.8	40.9	40.9	41.1	
IV 4000		22.2	25.5	29.5	33.0	34.7	37.2	39.1	40.3	41.6	42.3	42.7	43.4	43.9	43.9	44.1	
IV 3500		24.6	28.2	32.3	36.2	38.0	40.8	42.5	43.7	45.1	45.9	46.2	47.1	47.6	47.6	47.8	
IV 3000		26.7	30.8	35.1	39.8	41.8	44.7	46.8	48.1	49.6	50.7	51.1	52.0	52.6	52.6	52.8	
IV 2500		31.3	36.2	41.4	46.1	48.3	51.5	53.9	55.3	56.9	58.0	58.5	59.3	60.2	60.2	60.4	
IV 2000		35.4	41.1	47.5	52.9	55.6	59.5	62.1	63.8	65.7	67.0	67.4	68.3	69.2	69.2	69.4	
IV 1800		36.1	42.1	49.0	54.7	57.7	62.0	64.9	66.7	68.8	70.2	70.7	71.7	72.5	72.5	72.7	
IV 1500		37.8	44.2	51.7	58.6	62.2	67.3	70.7	72.7	75.3	76.9	77.4	78.3	79.4	79.4	79.7	
IV 1200		38.3	45.0	52.9	60.3	64.2	70.3	74.1	76.6	79.3	81.3	82.3	83.6	84.5	84.5	84.8	
IV 1000		38.4	45.3	53.5	61.1	65.1	71.5	76.1	78.9	82.3	84.3	85.4	86.8	87.8	87.8	88.0	
IV 900		38.4	45.4	53.6	61.2	65.2	72.0	76.7	79.9	83.2	85.4	86.4	87.9	88.8	88.8	89.1	
IV 800		38.4	45.4	53.6	61.2	65.2	72.1	77.0	80.2	83.9	86.4	87.3	89.2	90.4	90.4	90.6	
IV 700		38.4	45.4	53.6	61.3	65.3	72.4	77.5	80.9	84.7	87.4	88.6	90.4	91.8	91.8	92.0	
IV 600		38.4	45.4	53.6	61.3	65.3	72.4	77.6	81.1	85.0	87.9	89.2	91.0	92.5	92.5	92.7	
IV 500		38.4	45.4	53.6	61.3	65.3	72.5	77.9	81.3	85.6	88.3	90.4	92.7	94.7	94.7	94.9	
IV 400		38.4	45.4	53.6	61.3	65.3	72.5	77.9	81.3	85.6	88.3	90.8	93.7	95.8	95.8	96.4	
IV 300		38.4	45.4	53.6	61.3	65.3	72.5	78.0	81.6	85.6	89.2	91.0	93.9	96.6	96.6	97.3	
IV 200		38.4	45.4	53.6	61.3	65.3	72.5	78.0	81.6	85.7	89.2	91.0	94.0	97.0	97.0	97.7	
IV 100		38.4	45.4	53.6	61.3	65.3	72.5	78.0	81.6	85.7	89.2	91.0	94.0	97.2	97.2	97.3	
IV 0		38.4	45.4	53.6	61.3	65.3	72.5	78.0	81.6	85.7	89.2	91.0	94.0	97.2	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

1951

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	0
NO CEILING		13.9	16.0	18.6	19.6	20.7	22.3	22.9	23.5	23.8	24.0	24.0	24.4	24.5	24.5	24.6
IV 20000		15.0	17.4	20.3	21.6	22.8	24.7	25.5	26.4	26.8	27.0	27.0	27.5	27.6	27.6	27.8
IV 15000		15.0	17.4	20.3	21.7	22.9	24.8	25.6	26.4	26.8	27.1	27.1	27.6	27.7	27.7	27.9
IV 16000		15.0	17.4	20.3	21.7	22.9	24.8	25.6	26.4	26.8	27.1	27.1	27.6	27.7	27.7	27.9
IV 14000		15.0	17.5	20.4	21.9	23.1	25.1	26.0	26.8	27.3	27.5	27.5	28.0	28.1	28.1	28.3
IV 12000		15.5	18.0	21.1	22.7	23.9	25.9	26.8	27.7	28.2	28.5	28.5	29.0	29.1	29.1	29.3
IV 10000		15.9	18.5	21.9	23.6	24.8	27.1	28.2	29.1	29.7	30.0	30.0	30.5	30.6	30.6	30.8
IV 9000		16.3	19.0	22.5	24.2	25.5	28.0	29.3	30.2	30.9	31.2	31.2	31.7	31.8	31.8	32.0
IV 8000		17.4	20.9	23.9	26.0	27.3	30.0	31.3	32.3	33.3	33.6	33.6	34.1	34.2	34.2	34.4
IV 7000		18.5	21.7	25.5	27.8	29.2	32.0	33.3	34.3	35.3	35.7	35.8	36.3	36.4	36.4	36.6
IV 6000		19.9	23.4	27.3	29.8	31.2	34.0	35.4	36.4	37.4	37.8	37.8	38.4	38.5	38.5	38.7
IV 5000		21.5	25.2	29.0	32.2	33.7	36.7	38.3	39.4	40.5	40.9	40.9	41.5	41.6	41.6	41.8
IV 4500		22.8	26.4	31.3	34.1	35.5	38.7	40.3	41.6	42.7	43.2	43.3	43.8	43.9	43.9	44.1
IV 4000		24.3	28.2	33.6	36.6	38.1	41.4	43.4	44.6	45.9	46.2	46.3	46.8	46.9	46.9	47.1
IV 3500		26.3	30.7	36.3	39.7	41.3	44.8	47.2	48.3	49.4	50.0	50.1	50.6	50.7	50.7	50.9
IV 3000		28.6	33.5	39.8	43.7	45.6	49.4	52.0	53.2	54.5	55.2	55.3	56.0	56.1	56.1	56.3
IV 2500		31.6	37.1	44.2	48.5	50.6	55.0	58.0	59.2	60.7	61.5	61.6	62.4	62.4	62.4	62.8
IV 2000		34.8	40.9	48.9	54.2	56.8	61.8	65.1	66.4	68.2	69.1	69.3	70.2	70.3	70.3	70.5
IV 1800		35.9	42.5	51.0	56.6	59.7	64.9	68.2	69.7	71.6	72.7	72.8	73.8	73.9	73.9	74.1
IV 1500		37.7	45.0	54.2	60.7	64.0	69.2	72.4	74.0	75.3	75.5	75.7	76.7	76.8	76.8	77.0
IV 1200		38.2	45.8	55.0	62.8	66.5	71.3	74.1	75.9	77.5	77.6	77.6	78.6	78.7	78.7	78.9
IV 1000		38.5	46.4	56.3	63.8	67.7	72.8	75.8	77.1	78.9	79.0	79.0	80.0	80.1	80.1	80.2
IV 900		38.6	46.6	56.5	64.1	68.0	73.2	76.3	77.9	79.3	79.3	79.3	80.3	80.4	80.4	80.6
IV 800		38.7	46.7	56.6	64.2	68.2	73.4	76.5	78.1	79.5	79.5	79.5	80.5	80.6	80.6	80.8
IV 700		38.7	46.7	56.7	64.4	68.3	73.7	76.8	78.4	79.8	79.8	79.8	80.8	80.9	80.9	81.0
IV 600		38.7	46.7	56.7	64.4	68.3	73.7	76.8	78.4	79.8	79.8	79.8	80.8	80.9	80.9	81.0
IV 500		38.7	46.7	56.7	64.5	68.4	73.8	76.9	78.5	79.9	79.9	79.9	80.9	81.0	81.0	81.2
IV 400		38.7	46.7	56.7	64.5	68.4	73.8	76.9	78.5	79.9	79.9	79.9	80.9	81.0	81.0	81.2
IV 300		38.7	46.7	56.7	64.5	68.4	73.8	76.9	78.5	79.9	79.9	79.9	80.9	81.0	81.0	81.2
IV 200		38.7	46.7	56.7	64.5	68.4	73.8	76.9	78.5	79.9	79.9	79.9	80.9	81.0	81.0	81.2
IV 100		38.7	46.7	56.7	64.5	68.4	73.8	76.9	78.5	79.9	79.9	79.9	80.9	81.0	81.0	81.2
IV 0		38.7	46.7	56.7	64.5	68.4	73.8	76.9	78.5	79.9	79.9	79.9	80.9	81.0	81.0	81.2

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39010 WIESBADEN AB GERMANY

47-70

AN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
0000-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.5/1.0	≥.4	≥0
NO CEILING		15.4	17.4	20.0	22.0	22.6	24.1	24.8	25.1	25.8	26.0	26.2	26.3	26.4	26.5	26.6
≥ 20000		16.4	18.5	21.6	23.7	24.4	26.0	26.9	27.3	28.0	28.3	28.5	28.6	28.7	28.8	28.9
IV 18000		16.5	18.6	21.7	23.8	24.5	26.2	27.1	27.5	28.2	28.5	28.7	28.8	28.9	29.0	29.1
IV 16000		16.5	18.6	21.7	23.8	24.5	26.2	27.1	27.5	28.2	28.5	28.7	28.8	28.9	29.0	29.1
IV 14000		16.7	18.8	21.9	24.1	24.9	26.6	27.5	27.8	28.6	28.9	29.0	29.2	29.2	29.4	29.4
IV 12000		17.0	19.2	22.4	24.7	25.5	27.2	28.1	28.4	29.1	29.4	29.6	29.8	29.8	29.9	30.0
IV 10000		17.8	20.2	23.7	26.3	27.1	28.8	29.8	30.3	31.0	31.4	31.6	31.9	32.0	32.1	32.2
IV 9000		18.2	20.7	24.3	26.9	27.7	29.6	30.7	31.2	32.0	32.3	32.5	32.9	32.9	33.0	33.1
IV 8000		19.5	22.3	26.4	29.1	30.0	32.0	33.2	33.7	34.5	34.8	35.1	35.4	35.5	35.6	35.7
IV 7000		21.0	24.1	28.2	31.1	31.9	33.9	35.2	35.7	36.5	36.8	37.1	37.4	37.6	37.7	37.8
IV 6000		21.9	25.1	29.4	32.6	33.4	35.5	36.8	37.3	38.1	38.4	38.8	39.2	39.3	39.4	39.5
IV 5000		23.7	27.3	31.9	35.4	36.6	39.0	40.3	41.1	41.9	42.4	42.6	42.9	43.1	43.2	43.3
IV 4500		24.9	28.6	33.5	37.2	38.5	40.9	42.8	43.3	44.2	44.7	45.0	45.4	45.5	45.7	45.8
IV 4000		26.6	30.3	35.5	39.3	40.8	43.4	45.6	46.3	47.2	47.8	48.1	48.5	48.6	48.8	48.9
IV 3500		28.7	32.9	38.6	42.6	44.2	46.9	49.2	50.0	51.0	51.5	51.9	52.3	52.4	52.5	52.6
IV 3000		32.2	36.7	42.8	47.0	48.8	51.7	54.7	55.6	56.7	57.5	57.8	58.2	58.4	58.5	58.6
IV 2500		35.2	40.3	46.9	51.3	53.2	56.9	59.8	60.8	62.2	63.2	63.5	64.0	64.1	64.3	64.4
IV 2000		39.3	45.2	52.5	57.6	59.7	64.1	67.4	68.4	70.0	71.1	71.4	72.0	72.2	72.3	72.4
IV 1800		40.4	46.8	54.2	59.4	61.6	66.2	69.7	70.9	72.4	73.6	73.9	74.5	74.7	74.8	74.9
IV 1500		42.1	48.1	57.4	63.6	66.1	71.4	75.1	76.4	78.3	79.5	79.9	80.5	80.7	80.8	80.9
IV 1200		42.8	50.2	58.8	65.6	68.3	74.0	78.2	79.8	81.7	82.9	83.3	84.0	84.4	84.5	84.6
IV 1000		43.1	50.7	59.7	66.8	69.6	75.6	80.1	81.7	84.0	85.3	85.8	86.6	87.0	87.1	87.2
IV 900		43.2	50.9	59.9	67.0	69.9	76.0	80.6	82.3	84.6	86.0	86.5	87.3	87.6	87.7	87.9
IV 800		43.3	51.0	60.1	67.2	70.1	76.3	81.2	83.1	85.3	87.1	87.9	88.8	89.2	89.4	89.5
IV 700		43.3	51.1	60.3	67.6	70.6	76.9	81.8	83.8	86.0	87.9	88.7	89.6	90.0	90.1	90.2
IV 600		43.3	51.1	60.3	67.8	70.7	77.2	82.2	84.3	87.4	89.4	90.4	91.6	92.0	92.1	92.2
IV 500		43.3	51.1	60.3	68.0	71.0	77.5	82.5	84.6	88.3	90.3	91.7	93.1	93.5	93.7	93.8
IV 400		43.3	51.1	60.3	68.1	71.0	77.7	82.8	85.1	89.7	91.0	92.3	93.9	94.4	94.6	94.8
IV 300		43.3	51.1	60.3	68.1	71.0	77.7	82.8	85.2	89.8	91.3	92.7	94.8	95.3	95.7	95.8
IV 200		43.3	51.1	60.3	68.1	71.0	77.7	82.8	85.2	89.8	91.4	92.9	95.1	96.2	96.7	97.5
IV 100		43.3	51.1	60.3	68.1	71.0	77.7	82.8	85.2	89.8	91.4	92.9	95.2	96.4	96.9	98.6
IV 0		43.3	51.1	60.3	68.1	71.0	77.7	82.8	85.2	89.8	91.4	92.9	95.2	96.4	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

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	≥1.4	≥1	≥.4	≥.3	≥.16	≥.1	≥0	
NO CEILING		16.5	19.3	22.8	25.7	26.9	29.5	30.6	31.0	31.9	32.8	32.9	33.1	33.2	33.3	
IV 20000		17.5	20.8	24.7	28.1	29.4	32.2	33.3	33.7	34.6	35.6	35.7	35.9	36.0	36.2	
IV 18000		17.6	20.8	24.7	28.1	29.4	32.2	33.3	33.7	34.6	35.6	35.7	35.9	36.0	36.2	
IV 16000		17.6	20.8	24.7	28.1	29.4	32.2	33.4	33.8	34.7	35.6	35.7	35.9	36.0	36.2	
IV 14000		17.7	20.9	24.8	28.2	29.5	32.4	33.5	33.9	34.8	35.7	35.8	36.0	36.1	36.3	
IV 12000		18.0	21.3	25.3	28.8	30.1	33.1	34.2	34.6	35.5	36.4	36.5	36.7	36.8	37.0	
IV 10000		18.4	21.8	26.0	29.6	31.0	34.0	35.2	35.6	36.5	37.4	37.5	37.7	37.8	38.0	
IV 9000		18.8	22.6	26.9	30.4	32.0	35.0	36.2	36.5	37.5	38.4	38.5	38.8	38.9	39.1	
IV 8000		20.2	24.2	28.9	32.6	34.3	37.6	38.9	39.3	40.3	41.3	41.4	41.7	41.8	42.0	
IV 7000		21.5	25.9	30.7	34.7	36.6	40.2	41.5	42.0	43.1	44.3	44.4	44.7	44.9	45.1	
IV 6000		22.9	27.4	32.7	36.7	38.9	42.5	43.9	44.4	45.5	46.7	46.8	47.1	47.3	47.5	
IV 5000		25.3	30.4	36.2	40.3	42.6	46.4	48.0	48.5	49.7	50.9	51.0	51.3	51.5	51.7	
IV 4500		27.4	32.7	38.6	43.1	45.5	49.3	51.0	51.5	52.8	54.0	54.2	54.5	54.6	54.8	
IV 4000		29.0	34.4	40.6	45.3	47.6	51.6	53.3	53.9	55.2	56.4	56.6	56.9	57.1	57.3	
IV 3500		31.5	36.9	43.5	48.3	50.6	54.9	56.6	57.2	58.6	59.8	60.0	60.3	60.5	60.6	
IV 3000		34.5	40.3	47.5	52.4	54.8	59.4	61.4	62.0	63.6	64.9	65.0	65.3	65.5	65.7	
IV 2500		38.7	44.8	52.4	57.8	60.5	65.8	68.1	68.7	70.6	71.8	72.0	72.4	72.6	72.8	
IV 2000		41.7	48.3	56.6	62.9	65.9	71.6	74.3	75.1	77.2	78.7	79.0	79.4	79.7	80.0	
IV 1800		42.5	49.6	58.3	64.8	67.9	73.7	76.5	77.4	79.7	81.3	81.6	82.0	82.3	82.7	
IV 1500		43.6	51.4	60.6	67.5	70.6	77.1	80.2	81.2	83.8	85.4	85.7	86.1	86.4	86.8	
IV 1200		44.4	52.2	62.1	69.2	72.5	79.1	82.5	83.5	86.1	87.8	88.1	88.5	88.8	89.2	
IV 1000		44.4	52.4	62.4	69.3	72.7	79.7	83.4	84.3	87.4	89.1	89.3	90.1	90.4	90.8	
IV 900		44.4	52.4	62.4	69.3	72.8	79.8	83.5	84.6	87.6	89.3	89.9	90.3	90.8	91.2	
IV 800		44.4	52.5	62.5	69.6	73.0	80.1	84.0	85.1	88.6	90.4	91.2	91.8	92.1	92.6	
IV 700		44.4	52.5	62.5	69.6	73.0	80.1	84.3	85.4	89.1	91.4	92.0	92.6	92.9	93.4	
IV 600		44.4	52.5	62.5	69.6	73.0	80.1	84.3	85.6	89.4	91.8	92.4	93.3	93.6	94.0	
IV 500		44.4	52.5	62.5	69.7	73.1	80.7	84.8	86.1	90.1	92.8	93.4	94.3	94.9	95.4	
IV 400		44.4	52.5	62.5	69.7	73.1	80.7	84.8	86.1	90.2	92.9	93.6	94.7	95.2	95.7	
IV 300		44.4	52.5	62.5	69.7	73.1	80.8	84.9	86.2	90.3	93.1	93.9	95.2	95.8	96.3	
IV 200		44.4	52.5	62.5	69.7	73.1	80.8	84.9	86.2	90.4	93.4	94.2	95.7	96.4	97.3	
IV 100		44.4	52.5	62.5	69.7	73.1	80.8	84.9	86.2	90.4	93.4	94.2	95.7	96.4	97.3	
IV 0		44.4	52.5	62.5	69.7	73.1	80.8	84.9	86.2	90.4	93.4	94.2	95.7	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 2033

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING ≥ 20000		16.2	19.2	21.5	23.5	24.6	26.6	27.6	27.9	28.6	29.2	29.3	29.5	29.8	29.9	30.5
IV 18000		17.0	20.5	22.9	25.2	26.6	29.0	29.9	30.2	31.0	31.6	31.6	31.9	32.2	32.3	32.9
IV 16000		17.1	20.6	23.1	25.4	26.8	29.2	30.1	30.9	31.2	31.0	31.8	32.1	32.4	32.4	33.1
IV 14000		17.1	20.6	23.1	25.5	26.8	29.2	30.2	30.8	31.2	31.8	31.9	32.1	32.4	32.5	33.1
IV 12000		17.5	21.0	23.5	25.9	27.4	29.9	31.0	31.4	32.1	32.7	32.8	33.0	33.4	33.4	34.1
IV 10000		17.8	21.6	24.5	27.0	28.6	31.1	32.2	32.9	33.2	33.9	34.0	34.2	34.6	34.6	35.3
IV 9000		18.7	22.7	25.8	28.3	29.9	32.8	33.6	34.0	34.8	35.4	35.5	35.7	36.1	36.1	36.8
IV 8000		20.1	24.2	27.8	30.4	32.1	34.9	36.2	36.6	37.4	38.1	38.2	38.6	38.9	39.0	39.6
IV 7000		21.5	25.9	29.7	32.5	34.4	37.5	38.8	39.4	40.3	41.1	41.2	41.7	42.0	42.1	42.7
IV 6000		22.9	27.2	31.1	34.2	36.1	39.3	40.8	41.4	42.3	43.3	43.4	43.9	44.2	44.2	44.9
IV 5000		25.1	30.2	34.3	37.6	39.7	43.0	44.6	45.2	46.1	47.1	47.2	47.6	48.0	48.0	48.7
IV 4500		26.9	32.3	36.4	39.9	42.0	45.4	47.1	47.6	48.6	49.6	49.7	50.1	50.5	50.5	51.2
IV 4000		28.7	34.7	38.8	42.3	44.6	48.0	49.7	50.5	51.5	52.5	52.6	53.0	53.4	53.4	54.1
IV 3500		30.6	36.5	41.3	45.1	47.5	51.2	53.3	53.9	55.1	56.0	56.1	56.6	57.0	57.1	57.7
IV 3000		34.0	40.1	45.1	49.1	51.5	55.3	57.7	58.4	59.8	60.7	60.9	61.4	61.8	61.9	62.5
IV 2500		37.9	44.5	50.1	54.4	57.5	61.5	64.6	65.3	67.0	67.9	68.1	68.6	69.1	69.1	69.8
IV 2000		40.8	48.5	54.9	59.8	63.3	68.3	71.6	72.4	74.2	75.3	75.6	76.1	76.5	76.5	77.2
IV 1800		41.2	49.4	55.9	61.0	64.7	70.1	73.8	74.2	76.1	77.2	77.5	78.0	78.4	78.5	79.2
IV 1500		43.0	51.3	58.7	64.0	67.6	73.3	77.2	78.2	80.2	81.3	81.6	82.1	82.5	82.5	83.2
IV 1200		44.0	52.7	60.2	66.2	70.0	76.4	80.3	81.4	83.5	84.6	84.9	85.4	85.9	85.9	86.6
IV 1000		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 900		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 800		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 700		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 600		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 500		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 400		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 300		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 200		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 100		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1
IV 0		44.3	53.1	60.8	67.2	71.0	77.7	82.0	83.1	85.2	86.0	86.3	87.0	87.4	87.4	88.1

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25/16	≥.25	≥0	
NO CEILING		12.9	15.7	17.8	19.9	21.1	23.1	24.0	24.3	24.9	25.4	25.9	26.2	26.5	26.5	27.3
IV 20000		14.1	17.1	19.3	21.7	23.1	25.3	26.2	26.5	27.1	27.7	27.9	28.5	28.9	28.8	29.6
IV 16000		14.1	17.1	19.3	21.8	23.1	25.3	26.2	26.5	27.2	27.8	27.9	28.5	28.9	28.9	29.7
IV 12000		14.2	17.1	19.4	21.8	23.2	25.4	26.3	26.6	27.3	27.9	28.0	28.6	28.9	29.0	29.8
IV 8000		14.3	17.3	19.6	22.0	23.4	25.6	26.5	26.9	27.5	28.1	28.2	28.9	29.2	29.2	30.0
IV 6000		14.8	17.6	20.2	22.7	24.1	26.4	27.3	27.7	28.3	28.9	29.0	29.6	29.9	30.0	30.8
IV 4000		15.3	18.5	20.9	23.5	25.0	27.6	28.5	28.9	29.6	30.2	30.3	30.9	31.2	31.3	32.1
IV 3000		15.9	19.2	21.9	24.6	26.2	28.9	29.8	30.2	31.0	31.7	31.8	32.4	32.7	32.7	33.6
IV 2500		17.5	21.2	24.3	27.3	29.0	32.0	33.0	33.5	34.3	35.0	35.1	35.8	36.1	36.2	37.1
IV 2000		19.0	22.8	26.0	29.3	31.0	34.1	35.3	35.8	36.7	37.4	37.5	38.2	38.5	38.6	39.5
IV 1800		20.2	24.0	27.4	31.0	32.8	36.2	37.7	38.2	39.1	39.8	40.0	40.7	41.1	41.2	42.1
IV 1500		22.3	26.5	30.0	34.2	36.1	39.8	41.0	42.1	43.2	43.9	44.1	44.8	45.3	45.4	46.3
IV 1200		23.5	27.9	31.7	36.0	38.0	41.7	43.3	44.2	45.2	45.9	46.0	46.8	47.3	47.3	48.3
IV 1000		25.6	30.1	34.5	39.3	41.4	45.3	47.2	47.8	48.9	49.6	49.7	50.5	51.0	51.0	52.0
IV 800		27.7	32.7	37.5	42.5	44.7	48.0	51.1	51.8	53.0	53.7	53.9	54.8	55.3	55.4	56.3
IV 600		30.5	35.7	41.1	46.2	48.4	52.9	55.4	56.2	57.4	58.2	58.4	59.3	59.8	59.9	60.9
IV 500		33.1	38.6	44.5	50.2	52.8	57.8	60.6	61.5	62.9	64.0	64.2	65.1	65.6	65.8	66.7
IV 400		36.7	42.9	50.2	56.6	59.9	65.4	68.7	69.7	71.3	72.4	72.8	73.6	74.4	74.7	75.6
IV 300		37.6	43.9	51.6	58.2	61.6	67.3	70.9	72.0	73.7	74.9	75.2	76.3	76.9	77.2	78.1
IV 200		38.4	45.2	53.1	60.0	64.0	70.1	73.9	75.1	77.0	78.3	78.8	80.0	80.6	80.9	81.8
IV 100		39.2	46.2	54.5	61.6	65.7	72.1	76.4	77.6	79.7	81.3	81.8	83.1	83.7	84.0	84.9
IV 0		39.6	46.7	55.1	62.8	67.2	73.7	78.3	79.6	82.1	84.0	84.5	85.9	86.6	86.9	87.9
IV 900		39.6	46.8	55.2	63.0	67.5	74.2	79.0	80.2	82.8	84.8	85.3	86.8	87.5	87.8	88.7
IV 800		39.7	46.8	55.3	63.1	67.6	74.3	79.2	80.7	83.3	85.3	85.8	87.3	88.0	88.3	89.7
IV 700		39.7	46.9	55.3	63.2	67.8	74.7	79.6	81.1	83.9	85.9	86.4	87.9	88.6	88.9	90.6
IV 600		39.7	46.9	55.4	63.3	67.9	75.0	80.2	81.6	84.4	86.4	86.9	88.4	89.1	89.4	91.4
IV 500		39.7	46.9	55.4	63.3	67.9	75.1	80.3	81.7	84.5	86.5	87.0	88.5	89.2	89.5	91.7
IV 400		39.7	46.9	55.4	63.4	68.0	75.1	80.3	81.7	84.5	86.5	87.0	88.5	89.2	89.5	91.7
IV 300		39.7	46.9	55.4	63.4	68.0	75.1	80.4	81.8	84.6	86.6	87.1	88.6	89.3	89.6	91.8
IV 200		39.7	46.9	55.4	63.4	68.0	75.1	80.4	81.8	84.6	86.6	87.1	88.6	89.3	89.6	91.8
IV 100		39.7	46.9	55.4	63.4	68.0	75.1	80.4	81.8	84.6	86.6	87.1	88.6	89.3	89.6	91.8
IV 0		39.7	46.9	55.4	63.4	68.0	75.1	80.4	81.8	84.6	86.6	87.1	88.6	89.3	89.6	91.8

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET:	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING																
≥ 20000		12.1	14.1	16.0	17.1	17.9	19.5	20.1	20.7	21.3	21.8	22.1	22.6	22.9	22.9	23.5
IV 18000		13.6	15.1	16.5	17.7	18.1	19.2	19.8	20.3	20.9	21.4	21.8	22.2	22.5	22.5	23.1
IV 16000		13.7	15.2	16.6	17.8	18.2	19.3	19.9	20.4	21.0	21.5	21.9	22.3	22.6	22.6	23.2
IV 14000		13.8	15.3	16.7	17.9	18.3	19.4	20.0	20.5	21.1	21.6	22.0	22.4	22.7	22.7	23.3
IV 12000		14.6	16.1	17.5	18.7	19.1	20.2	20.8	21.3	21.8	22.3	22.7	23.1	23.4	23.4	24.0
IV 10000		15.4	16.9	18.3	19.5	19.9	21.0	21.6	22.1	22.6	23.1	23.5	23.9	24.2	24.2	24.8
IV 9000		15.8	17.3	18.7	19.9	20.3	21.4	22.0	22.5	23.0	23.5	23.9	24.3	24.6	24.6	25.2
IV 8000		16.7	18.2	19.6	20.8	21.2	22.3	22.9	23.4	23.9	24.4	24.8	25.2	25.5	25.5	26.1
IV 7000		17.3	18.8	20.2	21.4	21.8	22.9	23.5	24.0	24.5	25.0	25.4	25.8	26.1	26.1	26.7
IV 6000		18.1	19.6	21.0	22.2	22.6	23.7	24.3	24.8	25.3	25.8	26.2	26.5	26.5	27.1	27.7
IV 5000		19.3	20.8	22.2	23.4	23.8	24.9	25.5	26.0	26.5	27.0	27.4	27.7	27.7	28.3	28.9
IV 4500		20.8	22.3	23.7	24.9	25.3	26.4	27.0	27.5	28.0	28.5	28.9	29.2	29.2	29.8	30.4
IV 4000		21.9	23.4	24.8	26.0	26.4	27.5	28.1	28.6	29.1	29.6	30.0	30.3	30.3	30.9	31.5
IV 3500		24.1	25.6	27.0	28.2	28.6	29.7	30.3	30.8	31.3	31.8	32.2	32.5	32.5	33.1	33.7
IV 3000		25.9	27.4	28.8	30.0	30.4	31.5	32.1	32.6	33.1	33.6	34.0	34.3	34.3	34.9	35.5
IV 2500		28.8	30.3	31.7	32.9	33.3	34.4	35.0	35.5	36.0	36.5	36.9	37.2	37.2	37.8	38.4
IV 2000		32.0	33.5	34.9	36.1	36.5	37.6	38.2	38.7	39.2	39.7	40.1	40.4	40.4	41.0	41.6
IV 1800		32.3	33.8	35.2	36.4	36.8	37.9	38.5	39.0	39.5	40.0	40.4	40.7	40.7	41.3	41.9
IV 1500		32.9	34.4	35.8	37.0	37.4	38.5	39.1	39.6	40.1	40.6	41.0	41.3	41.3	41.9	42.5
IV 1200		33.3	34.8	36.2	37.4	37.8	38.9	39.5	40.0	40.5	41.0	41.4	41.7	41.7	42.3	42.9
IV 1000		33.5	35.0	36.4	37.6	38.0	39.1	39.7	40.2	40.7	41.2	41.6	41.9	41.9	42.5	43.1
IV 900		33.9	35.4	36.8	38.0	38.4	39.5	40.1	40.6	41.1	41.6	42.0	42.3	42.3	42.9	43.5
IV 800		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 700		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 600		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 500		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 400		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 300		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 200		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 100		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2
IV 0		33.6	35.1	36.5	37.7	38.1	39.2	39.8	40.3	40.8	41.3	41.7	42.0	42.0	42.6	43.2

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING		12.3	13.9	16.4	18.4	19.4	20.9	21.8	22.4	23.2	23.5	23.6	23.7	24.0	24.0	24.0
≥ 20000		14.8	16.8	20.7	23.0	24.4	26.6	27.8	28.5	29.5	29.9	30.0	30.3	30.6	30.6	30.7
IV 18000		15.0	17.0	20.7	23.2	24.8	27.0	28.4	29.1	30.1	30.5	30.7	30.9	31.3	31.3	31.3
IV 16000		15.2	17.2	20.9	23.4	25.0	27.2	28.6	29.3	30.3	30.7	30.9	31.1	31.5	31.5	31.5
IV 14000		15.5	17.6	21.3	23.7	25.4	27.6	29.0	29.7	30.7	31.1	31.3	31.5	31.9	31.9	31.9
IV 12000		15.8	17.9	21.7	24.2	25.9	28.2	29.6	30.3	31.4	31.8	31.9	32.2	32.5	32.5	32.5
IV 10000		16.3	18.7	22.6	25.4	27.3	29.7	31.2	32.0	33.1	33.5	33.7	33.9	34.3	34.3	34.3
IV 9000		17.2	19.7	23.6	26.6	28.7	31.2	32.6	33.5	34.8	35.3	35.4	35.7	36.0	36.0	36.1
IV 8000		17.8	20.5	24.5	27.6	29.5	32.5	34.3	35.2	36.6	37.1	37.3	37.6	37.9	37.9	38.0
IV 7000		18.6	21.5	25.9	29.2	31.5	34.4	36.3	37.3	38.8	39.4	39.5	39.8	40.2	40.2	40.2
IV 6000		19.3	22.4	26.7	30.3	32.9	35.8	37.9	38.9	40.5	41.2	41.3	41.7	42.1	42.1	42.2
IV 5000		21.1	24.3	28.8	32.7	35.2	38.5	40.7	41.7	43.6	44.4	44.6	45.0	45.6	45.6	45.5
IV 4500		22.7	25.1	30.9	35.0	37.5	41.0	43.1	44.2	46.2	47.1	47.4	47.8	48.2	48.2	48.2
IV 4000		23.5	25.9	32.2	36.5	39.1	42.7	44.8	45.8	48.0	48.9	49.2	49.6	50.0	50.0	50.0
IV 3500		28.1	31.0	37.2	41.9	44.7	48.6	51.0	52.3	54.4	55.3	55.6	56.0	56.4	56.4	56.5
IV 3000		31.7	35.7	41.6	46.6	49.5	53.7	56.5	57.8	60.0	61.0	61.3	61.7	62.1	62.1	62.2
IV 2500		33.4	39.9	46.3	51.5	54.6	59.8	62.9	64.2	66.4	67.6	68.0	68.4	68.9	68.9	68.9
IV 2000		39.2	44.3	51.9	57.9	61.8	67.7	71.3	73.0	75.4	77.3	77.8	78.4	78.9	78.9	78.9
IV 1800		39.8	45.3	52.9	59.0	63.0	69.2	72.9	74.6	77.2	78.9	79.4	80.0	80.5	80.5	80.5
IV 1500		40.4	46.2	54.3	60.9	65.0	72.2	76.5	78.4	81.3	83.2	83.7	84.4	84.9	84.9	85.0
IV 1200		40.7	46.7	55.1	61.9	66.4	73.8	78.3	80.3	83.6	85.7	86.3	87.3	87.9	87.9	87.9
IV 1000		41.0	47.1	55.6	62.6	67.2	74.8	79.9	82.2	85.8	88.2	89.1	90.0	90.7	90.7	90.7
IV 900		41.0	47.1	55.7	62.7	67.4	75.3	80.2	82.6	86.2	89.1	90.1	91.1	91.8	91.8	91.8
IV 800		41.0	47.1	55.7	62.7	67.4	75.3	80.2	82.6	86.2	89.1	90.1	91.1	92.0	92.7	92.7
IV 700		41.0	47.1	55.7	62.8	67.5	75.7	80.5	83.1	87.1	90.6	91.6	92.9	93.7	93.7	93.8
IV 600		41.0	47.1	55.7	62.9	67.5	75.8	80.7	83.2	87.3	91.3	92.3	94.1	94.9	94.9	95.0
IV 500		41.0	47.1	55.7	62.9	67.6	75.8	80.8	83.4	87.9	92.1	93.4	95.0	96.1	96.1	96.3
IV 400		41.0	47.1	55.7	62.9	67.6	75.8	80.8	83.4	87.9	92.3	93.7	95.3	96.9	97.0	97.1
IV 300		41.0	47.1	55.7	62.9	67.6	75.8	80.8	83.4	87.9	92.6	94.1	96.1	97.4	97.9	98.1
IV 200		41.0	47.1	55.7	62.9	67.6	75.8	80.8	83.4	87.9	92.8	94.1	96.1	97.7	97.9	98.0
IV 100		41.0	47.1	55.7	62.9	67.6	75.8	80.8	83.4	87.9	92.8	94.1	96.1	97.7	98.0	98.1
IV 0		41.0	47.1	55.7	62.9	67.6	75.8	80.8	83.4	87.9	92.8	94.1	96.1	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING		15.1	17.0	19.5	20.8	21.6	23.2	24.5	24.7	25.0	25.2	25.2	25.6	25.8	25.8	25.8
≥ 20000		16.9	21.3	24.9	26.5	28.0	29.6	31.1	31.9	31.9	32.2	32.2	32.6	32.9	32.9	33.0
IV 18000		19.1	21.5	25.1	26.9	28.3	30.0	31.5	31.9	32.3	32.6	32.7	33.1	33.4	33.4	33.5
IV 16000		19.3	21.7	25.4	27.3	28.7	30.3	31.9	32.3	32.7	33.0	33.0	33.4	33.7	33.7	33.8
IV 14000		19.7	22.1	25.5	27.7	29.1	30.8	32.3	32.8	33.2	33.5	33.5	33.9	34.2	34.2	34.3
IV 12000		20.3	22.8	26.5	28.4	29.9	31.6	33.3	33.7	34.1	34.5	34.6	35.0	35.3	35.3	35.4
IV 10000		21.4	24.0	28.1	30.1	31.6	33.6	35.2	35.6	36.1	36.6	36.7	37.1	37.5	37.5	37.5
IV 9000		22.1	24.9	28.9	31.1	32.8	34.7	36.5	37.0	37.5	38.2	38.3	38.7	39.0	39.0	39.1
IV 8000		23.3	26.6	31.0	33.3	35.1	37.3	39.2	39.7	40.3	40.9	41.0	41.5	41.8	41.8	41.9
IV 7000		24.3	27.4	32.2	35.0	36.8	39.1	41.3	41.9	42.6	43.3	43.4	43.8	44.2	44.2	44.3
IV 6000		25.6	28.7	33.8	36.6	38.5	40.9	43.2	43.8	44.6	45.3	45.4	45.9	46.3	46.3	46.4
IV 5000		27.1	30.3	35.6	38.7	40.7	43.3	45.7	46.5	47.3	48.1	48.3	48.9	49.3	49.3	49.4
IV 4500		29.3	32.8	38.3	41.6	43.6	46.2	48.7	49.8	50.7	51.6	51.7	52.3	52.7	52.7	52.8
IV 4000		31.8	35.3	41.5	44.9	47.0	49.6	52.5	53.5	54.5	55.3	55.6	56.3	56.6	56.6	56.7
IV 3500		34.4	38.1	44.8	48.3	50.7	53.6	56.3	57.3	58.4	59.6	59.8	60.6	61.0	61.0	61.1
IV 3000		38.2	42.4	49.7	53.7	55.9	59.2	62.2	63.2	64.7	65.8	65.9	66.7	67.1	67.1	67.2
IV 2500		41.9	46.7	54.9	59.3	61.9	65.3	68.6	69.8	71.3	72.4	72.7	73.6	74.0	74.0	74.1
IV 2000		44.8	50.4	59.3	64.8	67.3	71.9	75.3	77.0	79.0	80.2	80.3	81.3	81.9	81.9	82.0
IV 1800		45.4	51.2	60.3	66.1	69.0	73.7	77.3	78.9	81.1	82.3	82.6	83.7	84.1	84.1	84.2
IV 1500		46.3	52.3	62.2	68.2	71.3	76.3	80.4	82.2	84.5	85.9	86.3	87.4	87.8	87.8	87.9
IV 1200		46.5	52.5	62.5	68.7	71.9	77.3	81.6	83.6	85.3	87.7	88.2	89.4	90.0	90.0	90.1
IV 1000		46.8	52.9	63.0	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 900		46.8	52.9	63.0	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 800		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 700		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 600		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 500		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 400		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 300		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 200		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 100		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2
IV 0		46.8	52.9	63.1	69.3	72.6	78.4	82.9	85.0	87.0	89.4	90.2	91.5	92.1	92.1	92.2

TOTAL NUMBER OF OBSERVATIONS 2032

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-76

YEARS

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1300-2000
MOON TEST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING ≥ 20000	17.0	19.9	23.2	24.7	26.1	27.8	29.0	29.4	30.1	30.5	30.8	31.0	31.0	31.0	31.0	31.1
IV 18000	19.2	22.5	26.4	28.9	30.4	32.7	34.0	34.6	35.2	35.5	36.0	36.2	36.3	36.3	36.3	36.5
IV 16000	19.6	22.8	26.8	29.4	31.0	33.2	34.5	35.2	35.9	36.3	36.6	36.8	36.9	36.9	36.9	37.0
IV 14000	19.7	22.9	27.0	29.6	31.2	33.4	34.7	35.4	36.1	36.6	36.8	37.0	37.1	37.1	37.1	37.3
IV 12000	20.1	23.4	27.5	30.3	31.9	34.1	35.4	36.1	37.0	37.5	37.7	38.1	38.2	38.2	38.3	38.3
IV 10000	20.9	24.3	28.8	31.4	33.3	35.6	37.3	38.0	38.9	39.9	39.9	39.9	40.0	40.0	40.0	40.2
IV 9000	21.3	24.9	29.4	32.0	34.1	36.8	38.2	38.9	39.9	40.4	40.7	41.0	41.1	41.1	41.1	41.2
IV 8000	22.9	26.7	31.6	33.1	37.1	40.0	41.4	42.2	43.3	43.9	44.1	44.3	44.6	44.6	44.6	44.8
IV 7000	23.8	27.8	33.0	34.7	39.0	42.1	43.8	44.8	46.0	46.7	47.0	47.4	47.5	47.5	47.5	47.7
IV 6000	25.1	29.3	34.7	36.6	40.9	44.1	45.9	47.0	48.1	48.9	49.2	49.6	49.8	49.8	49.8	49.9
IV 5000	27.5	32.0	37.8	41.9	44.2	47.3	49.6	50.9	52.2	53.1	53.5	53.9	54.0	54.0	54.0	54.2
IV 4500	28.9	33.6	39.9	44.0	46.4	50.1	51.9	53.2	54.6	55.6	56.0	56.3	56.6	56.6	56.6	56.8
IV 4000	31.0	35.9	42.5	46.7	49.2	53.0	54.9	56.2	57.6	58.8	59.3	59.7	59.9	59.9	59.9	60.0
IV 3500	32.8	38.2	45.4	50.0	52.5	56.6	58.5	60.0	61.6	62.7	63.2	63.8	63.9	63.9	63.9	64.1
IV 3000	35.5	41.2	49.2	54.1	56.7	61.0	63.0	64.6	66.2	67.4	67.9	68.4	68.6	68.6	68.6	68.7
IV 500	57.5	63.7	74.1	79.5	82.3	87.2	89.3	90.8	92.3	92.9	93.2	93.4	93.5	93.5	93.5	93.8
IV 2000	43.6	47.8	59.1	65.3	68.5	73.9	75.7	77.5	78.5	81.1	82.3	83.2	84.0	84.1	84.1	84.3
IV 1800	43.2	50.2	60.0	66.3	69.3	75.1	78.0	79.7	82.3	83.7	84.4	85.2	85.3	85.3	85.3	85.5
IV 1500	43.3	51.0	61.2	67.9	71.5	77.3	80.5	82.3	85.3	86.5	87.6	88.4	88.5	88.5	88.5	88.7
IV 1000	44.1	51.5	61.7	68.7	72.5	78.6	81.8	83.7	86.9	88.0	89.3	90.2	90.3	90.3	90.3	90.5
IV 800	44.1	51.5	62.1	69.2	73.0	79.4	82.8	85.0	88.6	89.6	90.5	91.2	92.1	92.4	92.4	92.5
IV 700	44.1	51.5	62.1	69.2	73.0	79.4	82.8	85.0	88.6	89.6	90.5	91.2	92.1	92.4	92.4	92.5
IV 500	44.1	51.5	62.2	69.4	73.2	79.7	83.3	85.9	89.8	90.8	91.7	92.9	93.9	94.1	94.1	94.2
IV 400	44.1	51.5	62.2	69.4	73.2	79.7	83.3	85.9	89.8	90.8	91.7	92.9	93.9	94.1	94.1	94.2
IV 300	44.1	51.5	62.2	69.4	73.2	79.7	83.3	85.9	89.8	90.8	91.7	92.9	93.9	94.1	94.1	94.2
IV 100	44.1	51.5	62.2	69.4	73.2	79.7	83.3	85.9	89.8	90.8	91.7	92.9	93.9	94.1	94.1	94.2
IV 0	44.1	51.5	62.2	69.4	73.2	79.7	83.3	85.9	89.8	90.8	91.7	92.9	93.9	94.1	94.1	94.2

TOTAL NUMBER OF OBSERVATIONS 2034

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

47-70

YEARS

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS UT

CEILING (ft.)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING															
≥ 20000	16.8	19.5	22.5	26.5	27.7	29.7	30.4	30.7	32.2	32.9	32.9	32.9	33.0	33.0	33.0
IV 18000	18.4	21.5	26.4	30.1	31.6	32.5	34.3	34.6	36.1	36.8	36.8	36.8	36.9	36.9	36.9
IV 16000	18.6	21.6	26.6	30.3	31.6	32.6	34.4	34.7	36.2	36.9	37.0	37.0	37.0	37.0	37.1
IV 14000	19.6	21.7	26.6	30.3	31.6	32.7	34.5	34.8	36.3	37.0	37.0	37.0	37.1	37.1	37.1
IV 12000	18.7	21.6	26.8	30.5	31.8	32.9	34.7	35.0	36.5	37.2	37.2	37.2	37.3	37.3	37.4
IV 10000	19.1	22.2	27.3	31.0	32.4	34.5	35.3	35.6	37.1	37.9	37.9	37.9	38.0	38.0	38.0
IV 9000	20.1	23.4	28.8	32.6	34.1	36.4	37.1	37.4	39.0	39.8	39.9	39.9	39.9	39.9	40.0
IV 8000	20.4	23.7	29.2	33.1	34.7	37.0	37.8	38.1	39.7	40.6	40.6	40.6	40.7	40.7	40.7
IV 7000	22.3	25.7	31.4	35.7	37.7	40.1	41.0	41.5	43.1	43.9	44.0	44.0	44.0	44.1	44.1
IV 6000	23.6	27.5	33.4	38.0	40.0	42.7	43.7	44.2	45.8	46.8	46.8	46.9	46.9	46.9	47.0
IV 5000	25.3	29.7	35.8	40.7	42.7	45.8	46.8	47.3	48.9	49.9	50.0	50.1	50.1	50.1	50.2
IV 4500	28.1	32.8	39.5	44.7	47.0	50.4	51.5	52.1	53.9	54.9	54.9	55.1	55.1	55.1	55.2
IV 4000	30.1	34.8	41.8	47.0	49.3	52.8	54.1	54.6	56.4	57.5	57.5	57.6	57.7	57.7	57.7
IV 3500	32.2	37.1	44.4	50.2	52.5	56.4	57.6	58.2	59.9	61.1	61.1	61.2	61.3	61.3	61.4
IV 3000	34.3	39.4	47.0	52.5	55.3	59.2	60.5	61.1	62.9	64.2	64.4	64.5	64.6	64.6	64.7
IV 2500	37.4	42.7	50.9	57.2	59.7	63.6	65.6	66.2	68.1	69.5	69.7	69.8	69.9	69.9	69.9
IV 2000	40.1	45.9	54.8	61.5	64.1	68.0	70.6	71.2	73.3	75.0	75.2	75.4	75.5	75.5	75.6
IV 1800	44.1	50.9	60.8	68.2	70.8	76.1	78.2	78.8	81.3	82.8	83.2	83.4	83.7	83.7	83.8
IV 1500	44.9	52.7	61.8	69.2	72.0	77.4	79.5	80.2	82.8	84.3	84.7	84.9	85.1	85.2	85.2
IV 1200	45.7	53.2	62.9	70.8	73.6	79.0	81.1	81.8	84.4	85.9	86.3	86.5	86.8	86.8	86.9
IV 1000	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 900	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 800	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 700	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 600	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 500	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 400	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 300	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 200	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 100	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1
IV 0	45.9	53.5	63.3	71.2	74.0	79.4	81.5	82.2	84.8	86.3	86.7	86.9	87.1	87.1	87.1

TOTAL NUMBER OF OBSERVATIONS 2033

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS R 371

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING															
IN 20000	31.6	35.6	34.6	41.1	42.4	44.4	44.4	45.2	45.3	45.6	45.9	45.9	46.0	46.0	46.0
IN 18000	31.2	37.5	40.8	43.5	44.8	46.9	47.8	47.9	47.9	48.2	48.4	48.4	48.6	48.6	48.6
IN 16000	33.2	37.5	40.9	43.6	44.9	47.0	47.8	48.0	48.0	48.2	48.3	48.5	48.7	48.7	48.7
IN 14000	33.2	37.6	41.0	43.7	45.0	47.1	47.9	48.1	48.4	48.6	48.6	48.8	48.8	48.8	48.8
IN 12000	24.3	38.6	42.3	45.2	46.5	48.6	49.5	49.7	49.7	50.2	50.2	50.3	50.3	50.3	50.3
IN 10000	35.1	39.9	42.8	46.9	48.2	50.4	51.2	51.4	51.7	51.9	51.9	52.1	52.1	52.1	52.1
IN 9000	35.6	40.4	44.5	47.6	49.0	51.4	52.3	52.5	52.8	53.1	53.1	53.2	53.2	53.2	53.2
IN 8000	38.2	43.2	47.6	51.0	52.7	55.3	56.3	56.5	57.0	57.3	57.3	57.4	57.4	57.4	57.5
IN 7000	40.0	45.7	50.2	53.6	55.3	58.1	59.3	59.3	59.9	60.3	60.3	60.6	60.6	60.6	60.6
IN 6000	42.7	48.6	53.3	56.8	58.6	61.4	62.6	62.8	63.3	63.6	63.6	63.7	63.7	63.7	63.8
IN 5000	45.3	51.6	56.6	60.7	62.6	65.5	66.6	66.9	67.4	67.7	67.7	67.9	67.9	67.9	68.0
IN 4500	47.0	53.9	59.3	63.9	66.0	69.0	70.2	70.3	71.1	71.4	71.4	71.6	71.6	71.6	71.7
IN 4000	48.6	56.0	61.3	66.0	68.3	71.7	73.0	73.3	73.9	74.3	74.3	74.5	74.5	74.5	74.5
IN 3500	51.3	59.0	64.7	69.6	72.1	75.3	76.6	76.9	77.6	78.0	78.0	78.2	78.2	78.2	78.3
IN 3000	53.9	62.1	68.2	73.7	76.3	79.7	81.1	81.3	82.2	82.7	82.7	82.9	82.9	82.9	82.9
IN 2500	56.4	65.0	71.8	77.8	80.4	83.8	85.3	85.7	86.4	86.9	86.9	87.1	87.1	87.1	87.1
IN 2000	59.2	68.3	75.8	82.5	85.1	88.3	90.1	90.4	91.1	91.6	91.6	91.8	91.8	91.8	91.9
IN 1800	59.6	68.7	76.4	83.2	86.0	89.5	91.2	91.5	92.2	92.8	92.8	92.9	92.9	92.9	93.0
IN 1500	60.3	69.7	77.6	84.6	87.4	91.0	92.8	93.1	93.8	94.2	94.2	94.5	94.5	94.5	94.6
IN 1200	60.7	70.3	78.6	86.3	89.1	92.8	94.3	94.6	95.7	95.2	95.3	95.6	95.6	95.6	95.6
IN 1000	60.9	70.7	78.9	86.7	89.6	93.4	95.2	95.5	96.6	97.2	97.2	97.3	97.3	97.3	97.7
IN 900	60.9	70.7	78.9	86.8	89.6	93.5	95.2	95.6	96.6	97.2	97.3	97.3	97.3	97.3	97.7
IN 800	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.0	97.1	97.7	97.8	98.0	98.0	98.1	98.2
IN 700	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.1	97.2	97.9	98.0	98.2	98.2	98.3	98.4
IN 600	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.1	97.2	97.9	98.0	98.2	98.2	98.3	98.4
IN 500	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.2	97.4	98.1	98.2	98.6	98.6	98.8	98.9
IN 400	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.3	97.6	98.4	98.5	98.9	98.9	99.1	99.2
IN 300	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.4	97.7	98.5	98.5	99.0	99.0	99.2	99.4
IN 200	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.4	97.7	98.5	98.6	99.0	99.0	99.3	99.7
IN 100	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.4	97.7	98.5	98.6	99.0	99.0	99.3	99.7
IN 0	60.9	70.8	79.1	87.0	89.8	93.8	95.7	96.4	97.7	98.5	98.6	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/14C

CEILING VERSUS VISIBILITY

35010 STATION *IESBADEN AB GERMANY STATION NAME

40-70 YEARS

YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2300-0500 MONTH

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3/16	≥.2	≥0
NO CEILING	28.3	32.2	35.1	37.6	39.3	41.8	42.8	43.1	43.6	44.1	44.7	44.3	44.4	44.4	44.6
IV 20000	29.0	33.2	36.2	38.8	40.6	43.2	44.1	44.6	45.2	45.6	45.7	45.8	45.9	46.0	46.2
IV 18000	29.1	32.2	35.3	39.0	40.7	43.4	44.3	44.8	45.3	45.8	45.8	46.0	46.1	46.1	46.3
IV 16000	29.1	33.2	36.4	39.0	40.7	43.4	44.3	44.8	45.3	45.8	45.8	46.0	46.1	46.2	46.3
IV 14000	29.3	33.4	36.6	39.3	41.0	43.7	44.6	45.2	45.7	46.2	46.2	46.4	46.5	46.5	46.7
IV 12000	29.6	33.8	37.2	39.9	41.7	44.4	45.3	45.8	46.4	46.9	46.9	47.1	47.2	47.2	47.4
IV 10000	31.0	35.4	39.0	41.9	43.7	46.4	47.3	47.8	48.4	48.9	48.9	49.1	49.2	49.2	49.4
IV 9000	31.7	36.1	40.0	43.1	44.9	47.8	49.0	49.3	50.1	50.5	50.7	50.8	50.9	51.0	51.1
IV 8000	33.2	38.0	42.2	45.7	47.6	50.8	52.2	52.8	53.4	53.9	53.9	54.1	54.2	54.2	54.4
IV 7000	34.8	40.0	44.5	48.2	50.3	53.5	54.9	55.6	56.3	57.0	57.0	57.2	57.3	57.4	57.5
IV 6000	36.9	42.3	46.9	50.8	52.9	56.2	57.6	58.3	59.0	59.7	59.7	60.0	60.1	60.1	60.3
IV 5000	38.2	43.9	48.9	53.1	55.3	58.5	60.2	60.9	61.7	62.4	62.5	62.8	62.8	62.9	63.1
IV 4500	39.9	46.0	51.6	56.1	58.7	62.2	63.7	64.3	65.3	66.0	66.1	66.3	66.4	66.5	66.6
IV 4000	42.2	48.7	54.6	59.4	62.1	65.8	67.2	68.0	68.9	69.5	69.7	69.9	70.1	70.1	70.3
IV 3500	44.4	51.3	57.6	62.6	65.4	69.1	70.6	71.4	72.3	73.0	73.1	73.4	73.5	73.6	73.8
IV 3000	46.6	53.9	60.4	66.1	68.9	72.8	74.4	75.2	76.2	77.0	77.2	77.5	77.7	77.7	77.9
IV 2500	49.8	57.3	64.7	70.8	73.6	77.6	79.3	80.1	81.0	81.9	82.1	82.3	82.6	82.7	82.8
IV 2000	53.2	61.4	69.3	75.9	78.8	82.9	84.6	85.5	86.4	87.4	87.5	87.9	88.0	88.1	88.3
IV 1800	53.9	62.3	70.4	77.4	80.3	84.5	86.2	87.1	88.0	89.0	89.1	89.3	89.6	89.7	89.9
IV 1500	55.2	63.9	72.8	80.3	83.3	87.7	89.3	90.3	91.6	92.6	92.7	93.1	93.2	93.3	93.6
IV 1200	55.3	64.3	73.3	81.3	84.6	89.3	91.3	92.3	93.4	94.5	94.6	95.0	95.1	95.2	95.5
IV 1000	55.8	64.9	74.1	82.3	85.5	90.3	92.3	93.3	94.3	95.7	95.9	96.3	96.3	96.6	96.9
IV 900	55.9	65.0	74.2	82.3	85.7	90.3	92.3	93.3	94.7	95.9	96.0	96.3	96.6	96.7	97.0
IV 800	55.9	65.0	74.2	82.7	85.8	90.7	92.8	93.8	95.0	96.2	96.4	96.9	97.1	97.2	97.5
IV 700	55.9	65.0	74.2	82.7	85.8	90.8	92.9	93.9	95.1	96.3	96.5	97.1	97.2	97.3	97.6
IV 600	55.9	65.1	74.3	82.8	85.9	91.0	93.2	94.3	95.3	96.7	97.0	97.5	97.6	97.7	98.1
IV 500	55.9	65.1	74.3	82.8	85.9	91.0	93.3	94.4	95.7	97.0	97.3	97.9	98.1	98.2	98.5
IV 400	55.9	65.1	74.3	82.8	85.9	91.0	93.3	94.3	95.9	97.2	97.6	98.2	98.3	98.3	98.7
IV 300	55.9	65.1	74.3	82.8	85.9	91.0	93.3	94.3	95.9	97.2	97.7	98.3	98.3	98.6	99.0
IV 200	55.9	65.1	74.3	82.3	86.0	91.0	93.4	94.6	96.0	97.4	97.8	98.3	98.3	98.6	99.4
IV 100	55.9	65.1	74.3	82.3	86.0	91.0	93.4	94.6	96.0	97.5	97.9	98.6	98.6	98.9	99.5
IV 0	55.9	65.1	74.3	82.3	86.0	91.0	93.4	94.6	96.0	97.5	97.9	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

YEARS

48

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	1¼	≥1	¾	½	¼	≥5/16	≥1/8	≥0
NO CEILING		19.6	23.1	25.7	27.6	29.2	31.3	32.4	32.8	33.4	34.0	34.3	34.7	35.0	35.3	35.3
≥ 20000		21.9	25.7	28.6	30.7	32.5	35.0	36.2	36.7	37.5	38.2	38.5	38.9	39.2	39.2	39.5
IV 18000		22.1	25.9	28.8	31.0	32.7	35.3	36.5	37.0	37.8	38.3	38.8	39.2	39.5	39.5	39.8
IV 16000		22.1	25.9	28.8	31.0	32.7	35.3	36.5	37.0	37.8	38.3	38.8	39.2	39.5	39.5	39.8
IV 14000		22.3	26.1	29.0	31.2	33.0	35.6	36.9	37.4	38.3	39.0	39.2	39.7	40.0	40.0	40.3
IV 12000		22.5	26.5	29.5	31.8	33.6	36.2	37.5	38.0	38.9	39.7	40.0	40.4	40.7	40.7	41.1
IV 10000		23.7	27.7	30.9	33.5	35.4	38.0	39.4	39.8	40.9	41.7	42.0	42.5	42.9	42.9	43.2
IV 9000		24.4	28.3	32.0	34.7	36.7	39.3	40.8	41.4	42.5	43.4	43.7	44.1	44.5	44.5	44.8
IV 8000		25.9	30.3	34.1	37.0	39.2	42.2	43.9	44.5	45.7	46.7	47.0	47.5	47.9	47.9	48.3
IV 7000		27.2	32.1	36.1	39.4	42.8	45.2	47.0	47.6	49.0	50.2	50.5	51.0	51.3	51.3	51.8
IV 6000		28.2	33.2	37.6	41.0	43.6	47.2	49.1	49.8	51.3	52.5	52.8	53.4	53.7	53.7	54.2
IV 5000		29.9	35.2	40.0	43.9	46.7	50.4	52.3	53.3	55.0	56.3	56.7	57.2	57.5	57.5	58.0
IV 4500		30.8	36.4	41.4	45.5	48.5	52.2	54.5	55.3	57.1	58.5	58.8	59.3	59.7	59.7	60.2
IV 4000		32.4	38.3	43.7	48.0	51.3	55.1	57.5	58.4	60.3	61.7	62.0	62.7	63.0	63.0	63.5
IV 3500		34.3	40.7	45.6	51.2	54.6	58.5	61.1	62.0	63.9	65.3	65.6	66.2	66.6	66.6	67.1
IV 3000		36.8	43.9	50.4	55.7	59.2	63.4	66.2	67.2	69.3	70.8	71.2	71.8	72.2	72.2	72.7
IV 2500		39.2	47.3	54.3	60.3	63.9	68.2	71.3	72.4	74.5	76.4	76.7	77.4	77.7	77.8	78.3
IV 2000		42.1	50.9	59.1	66.2	70.0	74.9	78.3	79.6	82.1	83.7	84.0	84.7	85.1	85.1	85.6
IV 1800		42.3	51.3	60.0	67.3	71.2	76.3	79.7	81.2	83.6	85.3	85.6	86.3	86.7	86.7	87.2
IV 1500		43.8	53.3	62.2	70.0	74.1	79.6	83.2	84.8	87.4	89.2	89.6	90.3	90.6	90.7	91.2
IV 1200		45.1	54.7	63.8	70.9	75.2	80.9	84.7	86.5	89.1	91.0	91.5	92.2	92.6	92.6	93.1
IV 1000		45.1	54.0	63.3	71.7	76.1	82.1	86.2	88.0	90.8	92.9	93.4	94.1	94.5	94.6	95.1
IV 900		45.1	54.0	63.3	71.7	76.2	82.3	86.6	88.8	91.7	93.8	94.4	95.1	95.5	95.6	96.1
IV 800		44.4	54.0	63.3	71.7	76.3	82.5	86.7	88.9	91.7	94.0	94.5	95.3	95.7	95.8	96.3
IV 700		44.4	54.1	63.3	71.8	76.3	82.7	86.9	89.0	91.9	94.3	94.8	95.7	96.0	96.1	96.6
IV 600		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.2	94.6	95.2	96.2	96.5	96.6	97.1
IV 500		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.2	94.7	95.4	96.4	96.7	96.8	97.2
IV 400		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.3	94.8	95.6	96.6	97.3	97.6	98.0
IV 300		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.3	94.8	95.6	96.6	97.3	97.6	98.0
IV 200		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.3	94.8	95.6	96.6	97.3	97.6	98.0
IV 100		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.3	94.8	95.6	96.6	97.3	97.6	98.0
IV 0		44.4	54.1	63.3	71.9	76.3	82.8	87.0	89.3	92.3	94.8	95.6	96.6	97.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-72

YEARS

6AR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURLY DATA

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
∞ CEILING		15.5	17.7	21.1	23.7	24.8	26.9	28.7	29.5	30.6	32.0	32.3	32.5	32.7	32.7	33.0
IV 20000		18.5	21.8	25.7	28.8	30.1	32.5	34.8	35.6	37.2	38.6	38.9	39.1	39.4	39.4	39.7
IV 18000		18.7	22.1	26.0	29.1	30.4	32.8	35.2	36.0	37.5	38.9	39.2	39.5	39.8	39.8	40.1
IV 16000		18.7	22.1	26.0	29.1	30.5	32.9	35.3	36.0	37.6	39.0	39.3	39.6	39.9	39.9	40.2
IV 14000		19.1	22.5	26.4	29.5	30.9	33.3	35.8	36.6	38.2	39.6	39.9	40.2	40.5	40.5	40.9
IV 12000		19.6	23.1	27.1	30.3	31.7	34.3	36.9	37.7	39.3	40.7	41.0	41.2	41.7	41.7	42.0
IV 10000		20.4	24.1	28.5	32.3	33.7	36.6	39.2	40.0	41.7	43.2	43.5	43.7	44.2	44.2	44.6
IV 9000		20.8	24.6	29.1	32.9	34.5	37.5	40.1	41.1	42.9	44.4	44.7	45.0	45.5	45.5	45.8
IV 8000		21.7	25.6	30.3	34.5	36.2	39.7	42.5	43.6	45.3	47.1	47.4	47.7	48.2	48.2	48.5
IV 7000		22.5	27.0	32.0	36.2	38.0	41.7	44.9	46.1	47.9	49.7	50.0	50.3	50.8	50.8	51.1
IV 6000		23.2	27.9	33.2	37.3	39.4	43.4	46.8	48.1	50.0	51.8	52.2	52.4	52.9	52.9	53.3
IV 5000		24.1	28.9	34.5	39.3	41.4	45.6	49.2	50.5	52.6	54.7	55.1	55.4	56.0	56.0	56.3
IV 4500		24.8	29.7	35.5	40.3	42.7	47.1	50.8	52.2	54.3	56.4	56.8	57.1	57.6	57.6	58.0
IV 4000		25.9	31.2	37.4	42.7	45.2	50.0	53.8	55.2	57.4	59.7	60.0	60.3	60.9	60.9	61.2
IV 3500		28.1	33.7	40.8	46.1	49.1	54.0	57.9	59.4	61.7	63.9	64.3	64.6	65.2	65.2	65.5
IV 3000		32.0	38.2	45.5	51.6	54.6	59.8	63.9	65.4	68.0	70.4	70.8	71.1	71.7	71.7	72.1
IV 2500		36.0	42.8	51.1	58.0	61.0	66.6	70.8	72.4	75.0	77.4	77.8	78.2	78.8	78.8	79.2
IV 2000		38.6	45.9	55.4	63.1	66.4	72.3	76.6	78.3	81.0	83.4	83.8	84.2	84.8	84.8	85.2
IV 1800		39.0	46.4	56.2	64.0	67.6	73.7	78.0	79.8	82.6	85.0	85.4	85.8	86.4	86.5	86.8
IV 1500		39.7	47.6	57.8	66.4	70.4	77.0	81.7	83.6	86.5	89.0	89.4	89.8	90.5	90.5	90.9
IV 1200		39.9	47.8	58.3	67.1	71.3	78.2	83.1	85.2	88.2	90.9	91.3	91.7	92.5	92.5	92.9
IV 1000		40.2	48.4	59.3	68.2	72.5	79.8	84.9	87.1	90.2	92.9	93.3	93.8	94.5	94.5	95.0
IV 900		40.2	48.4	59.3	68.2	72.5	79.8	85.0	87.2	90.3	93.0	93.3	93.8	94.5	94.5	95.3
IV 800		40.2	48.4	59.4	68.3	72.7	80.1	85.3	87.6	90.8	93.8	94.2	94.8	95.6	95.7	96.1
IV 700		40.3	48.5	59.4	68.3	72.8	80.3	85.6	88.0	91.2	94.4	94.9	95.4	96.2	96.3	96.8
IV 600		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.3	94.5	95.1	95.8	96.6	96.8	97.2
IV 500		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.4	94.8	95.4	96.2	97.1	97.3	97.8
IV 400		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.4	94.8	95.6	96.5	97.5	97.6	98.3
IV 300		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.4	94.9	95.7	96.7	97.9	98.1	98.9
IV 200		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.4	94.9	95.7	96.7	97.9	98.2	99.2
IV 100		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.4	94.9	95.7	96.7	97.9	98.2	99.2
IV 0		40.3	48.5	59.4	68.4	72.8	80.3	85.7	88.0	91.4	94.9	95.7	96.7	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

010 WIESBADEN AB GERMANY

49-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
MOON SET

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0.16	≥ 0	≥ 0
NO CEILING	17.3	20.5	24.1	26.3	27.6	28.6	29.7	30.3	30.5	31.1	31.3	31.3	31.4	31.4	31.4	31.5
IV 20000	21.5	25.3	30.0	32.5	34.2	35.7	37.2	38.0	38.3	38.8	39.0	39.1	39.1	39.1	39.2	39.2
IV 18000	21.7	25.6	30.4	32.9	34.8	36.2	37.7	38.4	38.7	39.2	39.4	39.5	39.6	39.6	39.7	39.7
IV 16000	21.7	25.6	30.4	33.0	34.8	36.2	37.8	38.5	38.8	39.3	39.5	39.6	39.7	39.7	39.7	39.7
IV 14000	21.8	25.9	30.8	33.4	35.2	36.7	38.2	38.9	39.2	39.7	40.0	40.0	40.1	40.1	40.2	40.2
IV 12000	22.5	26.6	31.7	34.4	36.3	37.7	39.1	40.0	40.3	40.9	41.1	41.2	41.3	41.3	41.4	41.4
IV 10000	23.8	28.0	33.3	36.4	38.5	40.0	41.8	42.6	43.0	43.5	43.7	43.8	43.9	43.9	44.0	44.0
IV 9000	24.3	28.6	34.0	37.1	39.2	40.9	42.8	43.7	44.1	44.6	44.9	44.9	45.0	45.0	45.2	45.2
IV 8000	25.6	30.0	35.9	39.1	41.2	43.1	45.2	46.1	46.5	47.3	47.5	47.6	47.7	47.7	47.8	47.8
IV 7000	26.8	31.4	37.5	40.7	43.0	44.9	47.1	48.0	48.6	49.4	49.6	49.7	49.8	49.8	49.9	49.9
IV 6000	27.5	32.5	38.8	42.2	44.5	46.7	49.0	49.9	50.6	51.4	51.7	51.8	51.9	51.9	52.0	52.0
IV 5000	28.7	33.5	40.5	44.1	46.5	48.8	51.2	52.1	52.9	53.8	54.1	54.2	54.2	54.2	54.4	54.4
IV 4500	30.2	35.3	42.7	46.4	49.0	51.4	53.8	56.8	57.5	58.5	58.7	58.8	58.9	58.9	59.0	59.0
IV 4000	33.6	39.1	46.8	50.7	53.3	55.8	58.3	59.4	60.1	61.1	61.4	61.5	61.5	61.5	61.7	61.7
IV 3500	37.7	43.7	51.8	56.0	58.6	61.2	63.8	64.9	65.6	66.6	66.7	66.8	66.8	66.8	67.0	67.2
IV 3000	43.1	49.0	58.5	62.8	65.6	68.3	71.0	72.0	72.9	74.0	74.3	74.3	74.3	74.3	74.5	74.7
IV 2500	48.3	55.5	64.9	69.5	72.6	75.5	78.3	79.4	80.3	81.5	81.8	81.8	82.0	82.1	82.1	82.2
IV 2000	51.1	58.9	69.7	75.3	78.8	82.0	84.9	85.9	87.1	88.3	88.6	88.8	88.9	88.9	89.0	89.0
IV 1800	51.5	59.8	70.8	76.9	80.2	83.6	86.6	87.7	88.9	90.1	90.5	90.7	90.8	90.8	90.9	90.9
IV 1500	52.2	60.3	72.2	78.7	82.3	86.2	89.4	90.5	91.7	92.9	93.2	93.3	93.6	93.6	93.8	93.8
IV 1200	52.4	61.2	72.6	79.4	83.3	87.4	90.7	91.9	93.4	94.7	95.1	95.3	95.4	95.4	95.6	95.6
IV 1000	52.8	61.6	73.2	80.3	84.1	88.3	91.8	92.9	94.4	95.7	96.3	96.5	96.6	96.6	96.8	96.8
IV 900	52.8	61.6	73.2	80.3	84.1	88.4	91.7	93.0	94.6	95.9	96.5	96.7	96.8	96.8	97.0	97.0
IV 800	52.8	61.6	73.3	80.3	84.5	89.0	92.4	93.7	95.4	96.6	97.2	97.3	97.3	97.3	97.5	97.5
IV 700	52.8	61.6	73.3	80.6	84.6	89.2	92.7	94.1	95.7	97.0	97.8	98.0	98.2	98.2	98.4	98.4
IV 600	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.8	97.2	98.1	98.5	98.6	98.6	98.8	98.8
IV 500	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.8	97.3	98.2	98.7	98.9	98.9	99.1	99.2
IV 400	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.9	97.4	98.3	98.9	99.1	99.2	99.5	99.5
IV 300	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.9	97.4	98.0	98.2	98.3	98.3	98.6	98.8
IV 200	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.9	97.4	98.5	99.2	99.3	99.3	99.6	99.9
IV 100	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.9	97.4	98.5	99.2	99.3	99.3	99.6	99.9
IV 0	52.8	61.6	73.3	80.6	84.6	89.2	92.8	94.2	95.9	97.4	98.5	99.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 25

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

1 AR
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL TIME

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		23.7	26.2	28.9	31.1	32.0	32.6	33.0	33.1	33.5	33.8	33.8	33.9	33.9	33.9	33.9
IV 20000		29.3	32.6	36.1	38.9	39.9	41.1	41.5	41.6	42.1	42.4	42.4	42.5	42.5	42.5	42.5
IV 18000		29.7	33.2	36.7	39.5	40.5	41.7	42.2	42.2	42.7	43.0	43.0	43.1	43.1	43.1	43.1
IV 16000		29.8	33.2	36.7	39.5	40.5	41.8	42.2	42.3	42.7	43.1	43.1	43.1	43.2	43.2	43.2
IV 14000		30.1	33.5	37.1	39.9	40.9	42.2	42.6	42.7	43.1	43.5	43.5	43.6	43.6	43.6	43.6
IV 12000		30.8	34.4	38.0	40.9	41.9	43.3	43.7	43.8	44.3	44.6	44.6	44.7	44.7	44.7	44.7
IV 10000		32.8	36.6	40.3	43.6	44.6	46.2	46.6	46.7	47.1	47.5	47.5	47.6	47.6	47.6	47.6
IV 9000		34.0	37.8	41.5	44.9	45.9	47.6	48.0	48.1	48.6	48.9	48.9	49.0	49.0	49.0	49.0
IV 8000		35.9	39.8	43.7	47.3	48.3	50.2	50.6	50.8	51.4	51.7	51.7	51.8	51.9	51.9	51.9
IV 7000		37.5	41.6	45.6	49.3	50.7	52.5	53.0	53.1	53.8	54.2	54.2	54.3	54.3	54.3	54.3
IV 6000		39.1	43.3	47.7	51.5	52.9	54.8	55.3	55.6	56.4	56.7	56.7	56.8	56.9	56.9	56.9
IV 5000		41.7	46.3	50.7	54.7	56.2	58.2	59.0	59.1	59.9	60.3	60.3	60.4	60.4	60.4	60.4
IV 4500		44.6	49.3	54.2	58.6	60.0	62.2	63.1	63.2	64.0	64.3	64.3	64.4	64.5	64.5	64.5
IV 4000		49.4	54.5	59.4	64.0	65.5	67.7	68.6	68.8	69.6	70.0	70.0	70.1	70.2	70.2	70.2
IV 3500		54.0	59.3	64.7	69.5	71.1	73.3	74.4	74.6	75.4	75.9	75.9	76.0	76.0	76.0	76.0
IV 3000		57.4	63.2	69.0	73.9	75.6	78.1	79.0	79.2	80.0	80.6	80.6	80.7	80.7	80.7	80.7
IV 2500		60.9	67.4	73.8	79.2	81.1	83.8	84.7	84.9	85.9	86.5	86.5	86.6	86.6	86.6	86.6
IV 2000		63.4	70.8	78.3	84.4	86.6	89.6	90.6	90.9	91.9	92.5	92.5	92.6	92.6	92.6	92.6
IV 1800		63.7	71.2	79.0	85.3	87.5	90.7	91.6	92.1	93.2	93.8	93.8	93.8	93.9	93.9	93.9
IV 1500		64.3	72.1	80.0	86.5	88.8	92.3	93.3	93.8	93.0	93.6	93.7	93.8	93.9	93.9	93.9
IV 1200		64.3	72.3	80.4	87.0	89.4	93.0	94.4	94.7	96.1	96.8	96.9	97.1	97.2	97.2	97.2
IV 1000		64.7	72.6	80.9	87.7	90.0	93.6	95.2	95.5	97.0	97.8	97.9	98.1	98.2	98.2	98.2
IV 900		64.7	72.6	80.9	87.7	90.1	93.7	95.3	95.6	97.2	98.0	98.1	98.3	98.4	98.4	98.4
IV 800		64.7	72.6	80.9	87.9	90.2	93.9	95.5	95.8	97.3	98.4	98.5	98.7	98.8	98.8	98.8
IV 700		64.7	72.6	80.9	87.9	90.4	94.0	95.7	96.0	97.6	98.7	98.8	99.1	99.2	99.2	99.2
IV 600		64.7	72.6	80.9	87.9	90.4	94.1	95.7	96.0	97.6	98.9	99.1	99.4	99.5	99.5	99.5
IV 500		64.7	72.6	80.9	88.0	90.4	94.2	95.8	96.2	97.9	99.1	99.3	99.6	99.7	99.7	99.7
IV 400		64.7	72.6	80.9	88.0	90.4	94.2	95.8	96.2	97.9	99.2	99.4	99.7	99.8	100.0	100.0
IV 300		64.7	72.6	80.9	88.0	90.4	94.2	95.8	96.2	97.9	99.2	99.4	99.7	99.8	100.0	100.0
IV 200		64.7	72.6	80.9	88.0	90.4	94.2	95.8	96.2	97.9	99.2	99.4	99.7	99.8	100.0	100.0
IV 100		64.7	72.6	80.9	88.0	90.4	94.2	95.8	96.2	97.9	99.2	99.4	99.7	99.8	100.0	100.0
IV 0		64.7	72.6	80.9	88.0	90.4	94.2	95.8	96.2	97.9	99.2	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2525

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥5/16	≥¼	≥0	
NO CEILING		27.8	31.1	33.9	35.7	36.8	37.3	37.8	37.8	38.2	38.4	38.5	38.5	38.6	38.6	37.6
IV 20000		33.5	37.4	40.8	43.0	44.2	45.1	45.6	45.7	46.0	46.2	46.3	46.3	46.5	46.5	46.5
IV 18000		33.8	37.9	41.2	43.4	44.7	45.6	46.1	46.2	46.5	46.8	46.8	47.0	47.1	47.1	47.1
IV 16000		33.8	37.9	41.2	43.4	44.7	45.6	46.1	46.2	46.5	46.8	46.8	47.0	47.1	47.1	47.1
IV 14000		34.4	38.4	41.8	44.0	45.3	46.2	46.7	46.8	47.1	47.4	47.4	47.6	47.7	47.7	47.7
IV 12000		35.2	39.3	42.8	45.0	46.3	47.2	47.7	47.9	48.2	48.5	48.5	48.8	48.9	48.9	48.9
IV 10000		36.9	41.2	45.0	47.3	48.7	49.8	50.4	50.5	50.8	51.2	51.3	51.4	51.5	51.5	51.5
IV 9000		37.5	42.0	45.9	48.2	49.8	51.0	51.6	51.7	52.2	52.6	52.6	52.8	52.9	52.9	52.9
IV 8000		39.8	44.9	49.3	52.1	53.7	55.0	55.8	56.0	56.4	56.8	56.9	57.0	57.1	57.1	57.1
IV 7000		41.7	47.0	51.6	54.7	56.3	57.5	58.4	58.7	59.1	59.4	59.6	59.7	59.8	59.8	59.8
IV 6000		43.7	49.4	54.3	57.5	59.2	60.6	61.4	61.7	62.2	62.5	62.7	62.8	62.9	62.9	62.9
IV 5000		47.6	53.8	59.1	62.5	64.3	65.8	66.6	67.0	67.4	67.8	67.9	68.0	68.2	68.2	68.2
IV 4500		49.9	56.3	61.8	65.5	67.4	69.0	69.9	70.3	70.7	71.1	71.2	71.4	71.5	71.5	71.5
IV 4000		52.6	59.1	65.1	69.1	71.1	72.8	73.8	74.2	74.6	75.1	75.3	75.5	75.6	75.6	75.6
IV 3500		55.1	62.0	68.6	73.2	75.4	77.4	78.5	78.9	79.4	79.8	80.0	80.2	80.3	80.3	80.3
IV 3000		57.4	64.9	71.8	77.0	79.4	81.5	82.7	83.1	83.6	84.0	84.2	84.4	84.6	84.6	84.6
IV 2500		59.2	67.4	74.6	80.2	82.7	85.0	86.3	87.0	87.5	88.0	88.3	88.5	88.6	88.6	88.6
IV 2000		61.3	70.4	78.3	84.5	87.1	89.8	91.4	91.9	92.6	93.2	93.4	93.6	93.8	93.8	93.8
IV 1800		61.9	70.8	78.9	85.3	88.0	90.8	92.5	93.0	93.7	94.3	94.5	94.8	94.9	94.9	94.9
IV 1500		62.4	71.5	80.1	87.0	89.8	92.7	94.4	94.9	95.7	96.2	96.4	96.7	96.9	96.9	96.9
IV 1200		62.5	71.8	80.6	87.6	90.5	93.4	95.1	95.8	96.6	97.2	97.4	97.6	97.8	97.8	97.8
IV 1000		62.6	72.0	80.8	88.1	91.0	93.9	95.7	96.4	97.2	97.9	98.3	98.5	98.8	98.8	98.8
IV 900		62.6	72.0	80.8	88.1	91.1	94.0	95.9	96.5	97.4	98.1	98.5	98.8	98.9	98.9	98.9
IV 800		62.6	72.0	80.8	88.2	91.1	94.0	95.9	96.5	97.4	98.1	98.5	98.8	98.9	98.9	98.9
IV 700		62.6	72.0	80.8	88.3	91.2	94.1	96.2	96.9	97.8	98.6	99.1	99.4	99.5	99.5	99.5
IV 600		62.6	72.0	80.8	88.3	91.3	94.3	96.3	96.9	97.8	98.8	99.3	99.6	99.7	99.7	99.8
IV 500		62.6	72.0	80.8	88.3	91.3	94.3	96.3	97.0	97.9	98.8	99.3	99.7	99.8	99.8	99.9
IV 400		62.6	72.0	80.8	88.3	91.3	94.3	96.3	97.0	97.9	98.8	99.3	99.7	99.8	99.8	99.9
IV 300		62.6	72.0	80.8	88.3	91.3	94.3	96.3	97.0	97.9	98.8	99.3	99.7	99.8	99.8	99.9
IV 200		62.6	72.0	80.8	88.3	91.3	94.3	96.3	97.0	97.9	98.8	99.3	99.7	99.8	99.8	99.9
IV 100		62.6	72.0	80.8	88.3	91.3	94.3	96.3	97.0	97.9	98.8	99.3	99.7	99.8	99.8	99.9
IV 0		62.6	72.0	80.8	88.3	91.3	94.3	96.3	97.0	97.9	98.8	99.3	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33010 WIESBADEN AB GERMANY

46-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25-16	≥.25	≥0
NO CEILING		32.9	36.9	39.0	42.2	43.1	44.4	44.8	44.9	45.1	45.2	45.2	45.2	45.2	45.3
IV 20000		35.8	40.1	42.3	46.0	47.0	48.4	48.9	49.0	49.2	49.2	49.3	49.3	49.3	49.4
IV 18000		35.9	40.1	43.4	46.0	47.1	48.4	49.0	49.1	49.3	49.4	49.4	49.4	49.4	49.4
IV 16000		35.9	40.1	43.3	46.1	47.2	48.6	49.2	49.2	49.4	49.5	49.5	49.6	49.6	49.6
IV 14000		36.1	40.4	43.7	46.4	47.4	48.8	49.4	49.5	49.7	49.8	49.8	49.8	49.8	49.9
IV 12000		37.0	41.3	44.7	47.4	48.4	49.9	50.6	50.6	50.8	51.0	51.0	51.0	51.1	51.1
IV 10000		38.3	42.8	46.0	49.4	50.6	52.2	52.9	53.0	53.3	53.5	53.5	53.5	53.6	53.6
IV 9000		39.1	43.8	47.8	50.8	51.9	53.5	54.3	54.4	54.7	55.0	55.0	55.0	55.0	55.0
IV 8000		42.1	47.0	51.3	54.8	56.1	57.8	58.8	58.9	59.2	59.5	59.5	59.6	59.7	59.7
IV 7000		44.2	49.1	53.7	57.1	58.6	60.4	61.4	61.5	61.8	62.1	62.1	62.2	62.3	62.3
IV 6000		47.1	52.4	57.2	61.0	62.4	64.3	65.2	65.3	65.7	65.9	65.9	66.1	66.1	66.2
IV 5000		50.3	56.4	61.8	65.7	67.2	69.1	70.1	70.2	70.5	70.8	70.8	71.0	71.0	71.1
IV 4500		52.8	59.1	64.8	69.0	70.7	72.7	73.8	73.9	74.3	74.5	74.5	74.7	74.8	74.8
IV 4000		55.2	61.8	67.8	72.2	74.0	76.0	77.0	77.3	77.6	77.9	77.9	78.0	78.1	78.1
IV 3500		57.3	64.2	70.6	75.5	77.2	79.3	80.4	80.6	81.0	81.3	81.3	81.4	81.5	81.5
IV 3000		59.6	67.2	74.1	79.5	81.4	83.8	84.8	85.1	85.5	85.7	85.7	85.9	86.0	86.0
IV 2500		62.0	69.9	77.5	83.0	85.0	87.8	88.8	89.1	89.4	89.8	89.8	90.0	90.0	90.1
IV 2000		63.8	72.1	80.2	86.3	88.4	91.0	92.3	92.6	93.1	93.4	93.5	93.6	93.7	93.8
IV 1800		64.3	72.7	81.0	87.1	89.3	92.0	93.3	93.6	94.1	94.4	94.5	94.7	94.7	94.8
IV 1500		64.6	73.2	81.7	88.2	90.5	93.2	94.7	95.0	95.5	95.8	95.9	96.1	96.2	96.3
IV 1200		64.9	73.8	82.3	89.1	91.5	94.1	95.7	96.0	96.6	97.0	97.1	97.2	97.4	97.5
IV 1000		64.9	73.9	82.8	89.6	91.9	94.9	96.6	97.0	97.6	98.1	98.3	98.4	98.6	98.7
IV 900		64.9	73.9	82.8	89.6	91.9	94.9	96.6	97.0	97.6	98.2	98.3	98.5	98.8	98.8
IV 800		64.9	74.0	82.9	89.8	92.0	95.2	96.9	97.3	98.0	98.6	98.8	99.0	99.2	99.3
IV 700		64.9	74.0	82.9	89.8	92.1	95.3	97.0	97.4	98.1	98.8	99.0	99.2	99.4	99.5
IV 600		64.9	74.0	82.9	89.8	92.1	95.3	97.1	97.5	98.2	98.9	99.0	99.2	99.4	99.5
IV 500		64.9	74.0	82.9	89.8	92.2	95.4	97.2	97.5	98.4	99.1	99.2	99.4	99.7	99.8
IV 400		64.9	74.0	82.9	89.8	92.2	95.4	97.2	97.5	98.4	99.1	99.2	99.4	99.7	99.8
IV 300		64.9	74.0	82.9	89.8	92.2	95.4	97.2	97.5	98.4	99.1	99.2	99.4	99.7	99.8
IV 200		64.9	74.0	82.9	89.8	92.2	95.4	97.2	97.5	98.4	99.1	99.2	99.4	99.7	99.8
IV 100		64.9	74.0	82.9	89.8	92.2	95.4	97.2	97.5	98.4	99.1	99.2	99.4	99.7	99.8
IV 0		64.9	74.0	82.9	89.8	92.2	95.4	97.2	97.5	98.4	99.1	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 NIESBADEN AB GERMANY

66-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0	
NO CEILING		44.4	47.3	48.3	49.2	49.7	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5
≥ 20000		47.8	51.1	52.2	53.6	54.1	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 18000		47.8	51.1	52.2	53.6	54.1	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 16000		47.8	51.1	52.3	53.6	54.1	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
IV 14000		48.0	51.3	52.4	53.8	54.3	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 12000		48.7	52.1	53.2	54.6	55.1	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 10000		50.9	54.5	56.0	57.9	58.2	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 9000		52.3	57.1	57.9	59.6	60.3	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 8000		55.0	59.0	61.3	63.4	64.1	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 7000		58.0	62.5	65.2	67.2	68.0	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 6000		61.6	66.4	69.3	71.8	72.6	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 5000		64.9	70.1	73.7	76.1	75.9	76.0	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 4500		66.7	72.1	75.7	78.1	79.2	80.4	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
IV 4000		69.5	75.2	78.9	81.4	82.5	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
IV 3500		71.6	77.7	81.5	84.0	85.2	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000		73.9	80.5	84.4	87.0	88.1	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500		75.7	82.5	86.6	89.3	90.4	91.7	92.1	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
IV 2000		77.3	84.7	89.1	91.9	93.1	94.4	94.9	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 1800		78.0	85.5	89.9	92.8	94.0	95.4	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV 1500		78.9	86.7	91.3	94.3	95.5	97.1	97.5	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
IV 1200		79.2	87.2	91.9	95.0	96.2	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000		79.3	87.3	92.1	95.2	96.5	98.1	98.8	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 900		79.3	87.3	92.1	95.3	96.5	98.2	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800		79.3	87.3	92.1	95.3	96.5	98.2	98.8	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 700		79.3	87.3	92.1	95.3	96.6	98.3	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 400		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 300		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 200		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 100		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 0		79.3	87.3	92.1	95.4	96.7	98.4	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

APR 1957

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0200-0300
LOCAL TIME

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING																
IV 20000	38.1	41.0	42.8	44.0	44.4	45.2	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.9
IV 18000	41.0	44.4	46.4	47.9	48.6	49.6	50.1	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5
IV 16000	41.1	44.5	46.5	48.0	48.7	49.7	50.2	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6
IV 14000	41.2	44.6	46.6	48.0	48.8	49.8	50.3	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7
IV 12000	41.4	44.8	46.8	48.3	49.0	50.0	50.5	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
IV 10000	42.1	45.6	47.6	49.2	49.9	51.0	51.5	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9
IV 9000	43.9	47.5	50.1	51.9	52.8	54.0	54.5	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
IV 8000	45.6	49.4	52.5	54.5	55.4	56.8	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 7000	47.7	52.1	55.6	57.9	58.8	60.4	60.9	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4
IV 6000	50.1	54.9	58.8	61.3	62.3	63.9	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0
IV 5000	52.8	57.9	62.2	65.3	66.3	68.0	68.6	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2
IV 4500	56.6	62.1	67.0	70.0	71.1	72.8	73.6	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4
IV 4000	58.6	64.3	69.4	72.5	73.6	75.5	76.2	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0
IV 3500	60.6	66.4	71.8	75.0	76.3	78.3	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 3000	62.7	68.6	74.0	77.2	78.5	80.5	81.3	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
IV 2500	65.7	71.7	77.6	81.1	82.4	84.4	85.2	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
IV 2000	68.5	74.8	81.1	84.8	86.1	88.2	89.0	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
IV 1800	71.0	77.8	84.4	88.1	89.4	91.7	92.5	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5
IV 1500	71.9	78.8	85.4	89.2	90.5	92.9	93.8	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8
IV 1200	73.0	80.3	86.9	90.8	92.1	94.5	95.4	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 1000	73.6	80.8	87.7	91.7	93.2	95.6	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	73.7	81.0	88.0	92.1	93.6	96.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	73.7	81.1	88.1	92.2	93.7	96.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	73.7	81.1	88.1	92.3	93.7	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	73.7	81.1	88.1	92.3	93.8	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	73.7	81.1	88.1	92.3	93.9	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	73.7	81.1	88.2	92.4	93.9	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	73.7	81.1	88.2	92.4	93.9	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	73.7	81.1	88.2	92.4	94.0	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	73.7	81.1	88.2	92.4	94.0	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	73.7	81.1	88.2	92.4	94.0	96.4	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
TIME PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING		25.2	27.7	30.8	32.1	33.3	34.1	34.5	34.6	34.5	35.0	35.0	35.1	35.2	35.2	35.2
IV 20000		29.8	32.9	36.8	38.8	40.3	41.5	42.2	42.4	42.7	42.9	43.0	43.1	43.4	43.4	43.4
IV 18000		30.4	33.4	37.4	39.4	40.9	42.0	42.8	43.0	43.3	43.5	43.6	43.7	43.9	43.9	44.0
IV 16000		30.9	33.6	37.6	39.6	41.1	42.3	43.0	43.2	43.5	43.7	43.8	43.9	44.2	44.2	44.2
IV 14000		31.1	34.3	38.3	40.4	41.9	43.1	43.9	44.0	44.4	44.6	44.7	44.8	45.1	45.1	45.1
IV 12000		32.4	35.6	39.8	42.0	43.6	44.8	45.6	45.8	46.3	46.4	46.5	46.7	46.9	46.9	46.9
IV 10000		34.2	37.8	42.1	44.4	46.2	47.6	48.4	48.7	49.2	49.5	49.6	49.7	49.9	49.9	50.0
IV 9000		35.7	39.3	43.9	46.6	48.6	50.3	51.2	51.5	52.0	52.3	52.4	52.5	52.7	52.7	52.8
IV 8000		38.1	42.2	47.5	50.6	52.8	54.9	56.2	56.8	57.4	57.7	57.7	57.9	58.1	58.1	58.1
IV 7000		39.9	44.4	49.9	53.3	55.7	58.1	59.4	60.0	60.7	61.0	61.0	61.2	61.4	61.4	61.4
IV 6000		42.0	46.6	52.4	55.9	58.4	61.0	62.4	63.1	63.8	64.1	64.2	64.4	64.6	64.6	64.7
IV 5000		44.6	49.5	55.9	59.8	62.4	65.4	66.9	67.6	68.4	68.7	68.8	68.9	69.1	69.2	69.2
IV 4500		46.3	51.4	58.1	62.2	65.0	68.1	69.6	70.4	71.1	71.5	71.6	71.7	72.0	72.0	72.0
IV 4000		48.0	53.5	60.9	65.2	68.1	71.6	73.2	73.9	74.7	75.0	75.1	75.2	75.5	75.5	75.6
IV 3500		49.4	55.1	62.8	67.3	70.4	74.0	75.7	76.5	77.2	77.6	77.7	77.8	78.0	78.1	78.1
IV 3000		51.7	57.6	65.5	70.3	73.6	77.4	79.2	79.9	80.7	81.0	81.2	81.3	81.5	81.6	81.6
IV 2500		54.7	61.0	69.4	74.8	78.0	82.1	83.9	84.7	85.5	85.8	86.0	86.1	86.3	86.4	86.4
IV 2000		57.4	64.0	73.0	78.9	82.4	86.9	88.9	89.8	90.7	91.0	91.1	91.3	91.5	91.5	91.6
IV 1800		58.3	65.1	74.2	80.2	83.7	88.3	90.3	91.2	92.1	92.3	92.5	92.7	93.0	93.0	93.1
IV 1500		58.9	65.9	75.3	81.7	85.3	90.0	92.2	93.2	94.2	94.7	94.9	95.0	95.3	95.3	95.3
IV 1200		59.1	66.2	75.6	82.1	85.8	90.7	93.0	94.1	95.2	95.6	95.9	96.0	96.3	96.3	96.3
IV 1000		59.1	66.3	75.8	82.4	86.2	91.1	93.5	94.6	95.9	96.4	96.6	96.7	97.0	97.0	97.1
IV 900		59.2	66.3	75.9	82.5	86.4	91.3	93.7	94.9	96.2	96.7	96.9	97.1	97.3	97.3	97.4
IV 800		59.2	66.3	76.0	82.7	86.6	91.6	94.1	95.3	96.6	97.1	97.4	97.6	97.8	97.9	97.9
IV 700		59.2	66.3	76.0	82.8	86.7	91.7	94.2	95.5	96.9	97.3	97.6	97.8	98.0	98.0	98.1
IV 600		59.2	66.3	76.0	82.8	86.7	91.8	94.3	95.6	97.0	97.4	97.7	97.9	98.1	98.1	98.2
IV 500		59.2	66.3	76.0	82.8	86.7	91.8	94.4	95.7	97.1	97.5	97.8	98.0	98.2	98.2	98.3
IV 400		59.2	66.3	76.0	82.9	86.8	91.8	94.4	95.7	97.1	97.5	97.8	98.0	98.2	98.2	98.3
IV 300		59.2	66.4	76.0	82.9	86.8	91.8	94.4	95.7	97.1	97.5	97.8	98.0	98.2	98.2	98.3
IV 200		59.2	66.4	76.0	82.9	86.8	91.8	94.4	95.7	97.1	97.5	97.8	98.0	98.2	98.2	98.3
IV 100		59.2	66.4	76.0	82.9	86.8	91.8	94.4	95.7	97.1	97.5	97.8	98.0	98.2	98.2	98.3
IV 0		59.2	66.4	76.0	82.9	86.8	91.8	94.4	95.7	97.1	97.5	97.8	98.0	98.2	98.2	98.3

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESEBADEN AB GERMANY

49-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3500-1100

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING		23.1	26.2	29.6	31.7	32.9	33.5	34.1	34.3	34.5	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000		27.0	30.7	33.3	35.2	40.0	40.7	41.5	41.9	42.2	42.4	42.4	42.5	42.5	42.5	42.6
IV 18000		27.3	31.0	35.7	38.7	40.5	41.2	41.9	42.4	42.7	42.9	42.9	43.0	43.0	43.0	43.1
IV 16000		27.6	31.3	36.1	39.0	40.9	41.5	42.3	42.7	43.1	43.3	43.3	43.3	43.3	43.4	43.4
IV 14000		27.8	31.6	36.4	39.5	41.4	42.1	42.9	43.4	43.7	43.9	43.9	43.9	43.9	44.0	44.0
IV 12000		28.5	32.5	37.4	40.8	42.8	43.5	44.4	44.9	45.3	45.5	45.5	45.6	45.6	45.6	45.7
IV 10000		30.2	34.4	39.7	43.3	45.4	46.3	47.4	47.9	48.3	48.4	48.6	48.6	48.6	48.7	48.7
IV 7500		31.4	32.8	41.2	45.0	47.4	48.4	49.6	50.1	50.3	50.8	50.8	50.9	50.9	50.9	51.0
IV 8000		33.2	38.1	44.2	48.2	50.7	52.0	53.4	54.1	54.5	55.0	55.0	55.1	55.1	55.2	55.2
IV 7000		34.3	39.5	45.7	50.0	52.7	54.3	55.8	56.5	57.0	57.4	57.5	57.6	57.6	57.6	57.7
IV 6000		35.3	40.8	47.1	51.6	54.5	56.3	57.9	58.5	59.2	59.5	59.6	59.7	59.7	59.8	59.8
IV 5000		37.6	43.1	48.7	54.5	57.4	59.4	61.2	61.8	62.4	62.9	62.9	63.0	63.0	63.1	63.1
IV 4500		39.3	45.1	51.8	57.0	60.0	62.0	63.8	64.5	65.1	65.5	65.6	65.7	65.7	65.8	65.8
IV 4000		41.8	47.5	54.8	60.2	63.2	65.4	67.3	68.1	68.7	69.1	69.1	69.2	69.2	69.3	69.4
IV 3500		45.6	52.0	59.1	64.6	67.6	69.8	71.7	72.5	73.1	73.6	73.6	73.7	73.7	73.8	73.8
IV 3000		50.7	57.5	64.9	71.0	74.3	76.7	78.5	79.7	80.2	80.7	80.7	80.9	80.9	80.9	80.9
IV 2500		54.4	61.8	69.9	76.4	79.7	82.4	84.6	85.5	86.2	86.6	86.7	86.8	86.8	86.9	86.9
IV 2000		57.3	65.5	74.1	80.8	84.5	87.2	89.6	90.5	91.3	91.8	91.8	91.9	91.9	92.0	92.0
IV 1800		57.7	65.9	74.7	81.5	85.3	88.1	90.4	91.3	92.1	92.5	92.5	92.6	92.6	92.7	92.7
IV 1500		58.6	67.1	76.3	83.3	87.6	90.6	93.1	94.2	95.1	95.7	95.7	95.9	95.9	95.9	95.9
IV 1200		58.8	67.5	77.0	84.2	88.6	91.8	94.3	95.5	96.4	97.1	97.2	97.3	97.3	97.3	97.4
IV 1000		58.9	67.6	77.2	84.3	88.9	92.2	94.5	95.8	97.0	97.7	97.8	97.9	97.9	98.0	98.0
IV 900		58.9	67.6	77.2	84.3	89.0	92.4	94.8	96.3	97.4	98.1	98.2	98.3	98.3	98.4	98.4
IV 800		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.8	98.1	98.9	98.9	99.1	99.1	99.1	99.2
IV 700		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.8	98.1	98.9	98.9	99.1	99.1	99.2	99.2
IV 600		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.8	98.1	98.9	98.9	99.1	99.1	99.4	99.4
IV 500		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.9	98.4	99.2	99.3	99.3	99.3	99.5	99.6
IV 400		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.9	98.5	99.3	99.3	99.3	99.3	99.6	99.7
IV 300		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.9	98.5	99.3	99.3	99.3	99.3	99.6	99.8
IV 200		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.9	98.5	99.3	99.3	99.3	99.3	99.6	100.0
IV 100		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.9	98.5	99.3	99.3	99.3	99.3	99.6	100.0
IV 0		58.9	67.7	77.3	84.3	89.3	92.8	95.3	96.9	98.5	99.3	99.3	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING																
IV 20000	23.5	27.2	29.0	30.2	30.6	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
IV 18000	32.4	34.3	37.0	38.4	39.0	39.2	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 16000	32.8	34.9	37.5	38.9	39.4	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 14000	33.0	35.0	37.7	39.1	39.6	39.9	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 12000	33.3	35.4	38.2	39.7	40.2	40.5	40.6	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8
IV 10000	34.6	36.8	39.8	41.3	42.0	42.3	42.4	42.4	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6
IV 9000	35.9	38.2	41.3	43.1	43.7	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 8000	37.2	39.6	42.8	44.8	45.6	45.9	46.1	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3
IV 7000	39.2	41.9	45.7	47.9	48.8	49.3	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8
IV 6000	40.7	43.6	47.7	50.1	51.2	51.7	51.9	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
IV 5000	42.7	45.9	50.2	52.7	53.8	54.3	54.7	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
IV 4500	46.6	49.9	54.4	56.9	58.2	58.9	59.2	59.3	59.3	59.3	59.3	59.6	59.7	59.7	59.7	59.7
IV 4000	50.4	54.0	58.7	61.4	62.8	63.6	64.0	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
IV 3500	56.1	60.0	65.1	67.9	69.3	70.2	70.7	70.8	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2
IV 3000	62.5	66.7	72.1	74.9	76.4	77.2	77.8	77.9	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3
IV 2500	69.1	73.6	79.3	82.2	83.8	84.6	85.4	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	73.2	77.9	83.7	86.9	88.7	89.7	90.3	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
IV 1800	76.9	81.9	88.2	91.7	93.6	94.7	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0
IV 1500	77.7	82.7	89.0	92.6	94.5	95.6	96.3	96.5	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
IV 1200	78.4	83.5	89.8	93.5	95.5	96.7	97.4	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0
IV 1000	78.5	83.7	90.2	93.9	95.9	97.2	98.0	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
IV 900	78.6	83.9	90.4	94.2	96.3	97.8	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	78.6	83.9	90.5	94.3	96.4	98.0	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	78.6	83.9	90.6	94.4	96.5	98.0	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

48-70

APR 1954

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS U.S.T.

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	1	≥.5	≥.4	≥.3	≥.16	≥.1
NO CEILING	29.4	30.2	31.1	31.2	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
IV 20000	38.0	39.3	40.6	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 18000	38.6	40.0	41.2	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 16000	38.8	40.1	41.4	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 14000	39.6	41.0	42.4	42.8	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 12000	40.8	42.2	43.8	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 10000	43.4	44.9	46.5	47.2	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 9000	45.0	46.5	48.1	48.9	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 8000	48.9	50.6	52.4	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 7000	50.5	52.4	54.2	55.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 6000	53.8	56.0	58.0	59.4	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 5000	58.4	60.8	63.0	64.5	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 4500	63.6	66.3	68.6	70.3	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4000	70.0	73.1	75.6	77.4	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 3500	75.3	78.5	81.2	83.2	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 3000	79.7	83.2	86.3	88.5	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500	82.8	86.7	90.0	92.4	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	85.6	90.0	93.4	95.9	96.9	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	85.6	90.1	93.6	96.1	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	86.5	90.9	94.5	97.0	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	86.4	91.1	94.7	97.2	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	86.4	91.1	94.7	97.2	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	86.4	91.2	94.7	97.3	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	86.4	91.2	94.8	97.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35010

WIESBADEN AB GERMANY

46-70

YEARS

PR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥0	
NO CEILING		35.3	30.6	37.8	38.3	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 20000		45.6	47.6	49.1	50.0	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 18000		46.0	48.0	49.6	50.4	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 16000		46.1	48.1	49.6	50.5	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 14000		47.1	49.0	50.6	51.4	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 12000		48.5	50.6	52.2	53.1	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 10000		51.2	53.4	55.1	56.0	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 9000		52.5	55.2	57.0	57.8	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 8000		56.5	59.2	61.2	62.4	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 7000		59.2	62.1	64.4	65.5	66.2	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000		62.4	65.6	68.0	69.2	70.0	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 5000		67.3	71.0	73.8	75.2	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500		70.0	74.0	77.1	78.6	79.3	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
IV 4000		74.1	78.4	81.7	83.3	84.1	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500		76.9	81.6	85.0	86.8	87.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3000		79.2	84.1	87.9	89.8	90.7	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500		81.5	86.8	90.8	92.8	93.9	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000		83.5	89.1	93.3	95.6	96.6	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800		83.8	89.4	93.7	96.0	97.2	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500		84.1	89.7	94.2	96.5	97.8	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200		84.1	89.9	94.3	96.7	97.9	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0		84.3	90.0	94.4	96.9	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3501C STATION NIESBADEN AB GERMANY STATION NUMBER

48-70 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 20000	43.6	45.5	46.8	47.6	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 18000	48.5	50.7	52.4	53.4	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 16000	48.6	50.9	52.5	53.6	53.8	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 14000	49.0	51.3	52.9	54.0	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 12000	49.4	51.7	53.3	54.4	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 10000	50.6	52.9	54.3	55.7	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 9000	53.6	56.0	57.9	59.1	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 8000	55.4	57.9	59.7	61.0	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 7000	59.3	62.1	64.5	65.9	66.2	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000	62.1	65.3	68.0	69.4	69.8	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 5000	65.6	69.2	72.1	73.5	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 4500	69.7	74.0	77.0	78.6	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	71.6	76.2	79.4	81.1	81.7	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3500	74.8	79.7	83.0	85.0	85.5	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3000	76.9	82.1	85.7	87.9	88.6	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	78.9	84.6	88.5	90.8	91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	80.8	86.8	90.8	93.1	93.9	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	82.5	88.7	92.8	95.3	96.0	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	83.4	89.7	93.9	96.4	97.1	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	83.6	90.0	94.3	96.8	97.6	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	83.6	90.1	94.4	96.9	97.7	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	83.6	90.1	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 0	83.6	90.2	94.4	96.9	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 2247

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

37010 WIESBADEN AB GERMANY

46-70

1954

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	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	48.5	50.7	52.4	53.0	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
≥ 20000	52.0	54.2	56.3	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
IV 18000	52.2	54.5	56.5	57.2	57.3	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
IV 16000	52.2	54.5	56.5	57.2	57.3	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
IV 14000	52.6	54.9	57.0	57.6	57.8	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
IV 12000	53.6	53.9	58.1	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
IV 10000	57.0	59.4	61.7	62.4	62.5	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	
IV 9000	59.6	62.2	64.6	65.5	65.6	65.8	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
IV 8000	65.4	68.3	70.8	71.8	72.1	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
IV 7000	68.3	71.3	74.2	75.2	75.6	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
IV 6000	72.4	75.4	78.2	79.3	79.7	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
IV 5000	75.4	78.4	81.2	82.9	82.4	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
IV 4500	77.2	80.7	83.8	85.0	85.6	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
IV 4000	80.3	83.8	87.1	88.4	89.0	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
IV 3500	82.2	86.2	89.0	91.1	91.7	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
IV 3000	84.2	88.2	91.7	93.2	93.8	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
IV 2500	85.2	89.4	93.2	94.8	95.4	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
IV 2000	86.4	90.7	94.7	96.4	97.0	97.3	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
IV 1800	86.5	90.5	94.9	96.6	97.3	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 1500	86.8	91.1	95.2	96.9	97.6	98.2	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	
IV 1200	86.9	91.4	95.4	97.2	98.0	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 1000	86.9	91.4	95.4	97.4	98.1	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 900	86.9	91.4	95.4	97.4	98.2	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	
IV 800	86.9	91.4	95.5	97.6	98.4	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 700	86.9	91.4	95.6	97.6	98.4	99.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 600	86.9	91.4	95.6	97.6	98.4	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
IV 500	86.9	91.4	95.7	97.6	98.5	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
IV 400	86.9	91.4	95.7	97.7	98.5	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
IV 300	86.9	91.4	95.7	97.7	98.5	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
IV 200	86.9	91.4	95.7	97.7	98.5	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
IV 100	86.9	91.4	95.7	97.7	98.5	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
IV 0	86.9	91.4	95.7	97.7	98.5	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 2225

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

-AY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING																
≥ 20000	39.7	42.6	44.8	46.5	47.0	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 18000	43.9	47.1	49.6	51.5	52.2	52.6	52.8	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000	43.9	47.1	49.7	51.7	52.3	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 14000	44.2	47.4	50.0	52.1	52.7	53.1	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 12000	44.8	48.1	50.9	52.9	53.5	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 10000	47.7	51.1	54.1	56.2	56.8	57.3	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 9000	49.6	53.2	56.3	58.7	59.3	60.1	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 8000	53.8	57.9	61.3	63.7	64.9	65.3	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 7000	58.3	60.9	64.4	66.9	67.8	68.8	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 6000	60.1	63.2	66.8	71.3	72.4	73.3	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 5000	63.9	69.6	73.5	76.6	77.5	78.8	79.2	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	65.3	71.3	75.5	78.8	79.7	81.1	81.5	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	68.0	74.3	78.8	82.3	83.3	84.8	85.2	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3500	70.1	76.4	81.1	84.6	85.7	87.4	88.0	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	72.3	79.0	84.0	87.7	88.8	90.7	91.2	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	73.7	80.7	85.1	90.1	91.2	93.1	93.6	93.7	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3
IV 2000	75.3	82.6	88.0	92.2	93.3	95.3	96.1	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8
IV 1800	75.3	82.6	88.3	92.3	93.6	95.7	96.2	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	75.7	83.0	88.7	93.0	94.3	96.4	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7
IV 1200	75.8	83.1	89.0	93.4	94.8	96.9	97.5	97.6	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 1000	75.8	83.1	89.0	93.4	94.9	97.1	97.6	97.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IV 900	75.8	83.2	89.1	93.5	95.0	97.2	97.7	97.8	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6
IV 800	75.8	83.2	89.2	93.6	95.1	97.2	97.8	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 700	75.8	83.2	89.2	93.6	95.1	97.2	97.8	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 600	75.8	83.2	89.2	93.6	95.1	97.2	97.8	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 500	75.8	83.2	89.2	93.6	95.1	97.3	97.9	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8
IV 400	75.8	83.2	89.2	93.7	95.2	97.4	98.1	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 300	75.8	83.2	89.2	93.7	95.2	97.5	98.1	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 200	75.8	83.2	89.2	93.7	95.2	97.5	98.1	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 100	75.8	83.2	89.2	93.7	95.2	97.5	98.1	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 0	75.8	83.2	89.2	93.7	95.2	97.5	98.1	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

-AY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		29.9	32.1	34.4	36.7	38.2	38.8	39.2	39.4	39.6	39.7	39.8	39.9	39.9	39.9	39.9
IV 20000		35.4	38.8	41.5	44.2	45.9	47.0	47.4	47.7	47.9	48.1	48.2	48.2	48.2	48.2	48.3
IV 18000		36.2	39.1	42.4	45.2	46.8	47.9	48.4	48.6	48.8	49.0	49.1	49.2	49.2	49.2	49.2
IV 16000		36.2	39.1	42.3	45.3	46.9	48.0	48.5	48.7	48.9	49.1	49.2	49.2	49.2	49.2	49.3
IV 14000		36.8	39.7	43.1	45.9	47.6	48.7	49.2	49.4	49.6	49.8	49.9	50.0	50.0	50.0	50.0
IV 12000		37.8	40.9	44.4	47.3	49.0	50.2	50.7	51.0	51.2	51.4	51.5	51.5	51.5	51.5	51.6
IV 10000		40.4	43.6	47.4	50.5	52.2	53.6	54.2	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.1
IV 9000		41.8	45.2	49.3	52.7	54.6	56.2	56.8	57.2	57.5	57.7	57.8	57.8	57.8	57.8	57.9
IV 8000		44.5	48.1	53.1	56.9	59.0	60.7	61.5	61.9	62.2	62.6	62.7	62.7	62.8	62.8	62.8
IV 7000		46.7	51.2	55.8	60.1	62.3	64.2	65.0	65.3	65.8	66.2	66.3	66.3	66.4	66.4	66.5
IV 6000		49.6	54.8	59.8	64.5	66.8	68.9	69.7	70.2	70.5	70.9	71.0	71.0	71.1	71.1	71.1
IV 5000		52.1	57.8	63.3	68.3	70.5	73.1	74.1	74.6	75.0	75.4	75.4	75.5	75.6	75.6	75.6
IV 4500		53.8	59.8	65.5	70.7	73.1	75.7	76.7	77.2	77.6	78.0	78.1	78.1	78.2	78.2	78.2
IV 4000		56.3	62.8	68.8	74.3	76.7	79.5	80.6	81.1	81.5	81.9	82.0	82.0	82.1	82.1	82.2
IV 3500		58.1	64.8	70.9	76.5	78.9	81.8	82.8	83.4	83.9	84.3	84.3	84.4	84.5	84.5	84.6
IV 3000		61.0	68.0	74.4	80.2	82.7	85.7	87.1	87.7	88.1	88.5	88.6	88.7	88.8	88.8	88.9
IV 2500		63.1	70.4	77.0	82.8	85.5	88.7	90.0	90.6	91.1	91.6	91.7	91.7	91.8	91.8	92.0
IV 2000		64.3	72.1	79.3	85.5	88.3	91.9	93.2	93.8	94.4	94.9	95.1	95.2	95.3	95.3	95.4
IV 1800		64.4	72.4	79.7	86.1	88.9	92.5	93.8	94.5	95.2	95.7	95.7	95.8	95.9	95.9	96.0
IV 1500		64.9	73.1	80.6	87.2	90.1	93.9	95.2	95.9	96.6	97.1	97.2	97.3	97.4	97.4	97.5
IV 1200		64.9	73.2	80.6	87.3	90.2	94.1	95.4	96.1	96.9	97.4	97.5	97.6	97.6	97.8	97.9
IV 1000		64.9	73.2	80.7	87.4	90.2	94.2	95.5	96.2	96.9	97.5	97.6	97.6	97.8	97.8	98.2
IV 900		64.9	73.2	80.7	87.4	90.2	94.2	95.5	96.2	97.0	97.7	97.8	97.9	98.1	98.1	98.2
IV 800		64.9	73.2	80.7	87.4	90.3	94.4	95.7	96.4	97.2	97.9	98.1	98.2	98.3	98.3	98.5
IV 700		64.9	73.2	80.7	87.4	90.3	94.4	95.8	96.4	97.2	98.0	98.2	98.3	98.3	98.5	98.6
IV 600		64.9	73.2	80.7	87.4	90.3	94.4	95.8	96.5	97.3	98.1	98.3	98.3	98.5	98.5	98.7
IV 500		64.9	73.2	80.7	87.4	90.3	94.5	96.0	96.6	97.4	98.2	98.4	98.5	98.5	98.8	98.9
IV 400		64.9	73.2	80.7	87.4	90.4	94.6	96.2	96.9	97.7	98.5	98.7	98.9	99.1	99.1	99.3
IV 300		64.9	73.2	80.7	87.4	90.4	94.6	96.2	96.9	97.7	98.6	98.8	98.9	99.3	99.3	99.5
IV 200		64.9	73.2	80.7	87.4	90.4	94.6	96.2	96.9	97.7	98.6	98.8	99.0	99.3	99.3	99.8
IV 100		64.9	73.2	80.7	87.4	90.4	94.6	96.2	96.9	97.7	98.6	98.8	99.0	99.3	99.3	100.0
IV 0		64.9	73.2	80.7	87.4	90.4	94.6	96.2	96.9	97.7	98.6	98.8	99.0	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WEISSADEN AB GERMANY

46-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES:														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.3	≥0
NO CEILING															
IV 20000	28.9	31.0	33.3	34.9	35.3	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 18000	35.6	38.3	41.6	43.7	44.3	45.0	45.2	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4
IV 16000	36.3	39.1	42.5	44.5	45.1	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 14000	37.1	39.9	43.3	45.3	45.9	46.7	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1
IV 12000	38.6	41.4	44.9	47.0	47.7	48.4	48.6	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8
IV 10000	41.3	44.4	48.2	50.5	51.2	52.0	52.1	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4
IV 9000	42.4	45.8	50.1	52.6	53.4	54.3	54.5	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8
IV 8000	44.7	48.7	53.3	56.2	57.2	58.3	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 7000	46.8	51.1	56.0	59.0	60.0	61.2	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000	49.3	54.0	59.2	62.2	63.2	64.6	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 5000	51.8	56.8	62.2	65.2	66.3	67.8	68.2	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6
IV 4500	54.1	59.3	65.0	68.3	69.3	71.0	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7
IV 4000	57.4	62.8	68.7	72.3	73.3	75.1	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
IV 3500	60.6	66.2	72.3	76.3	77.4	79.3	79.7	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1
IV 3000	65.3	71.1	77.6	81.6	82.9	84.9	85.3	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	68.4	74.7	81.5	85.5	86.9	88.9	89.3	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	71.1	78.1	85.4	90.0	91.6	93.6	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	71.4	78.5	85.8	90.6	92.3	94.3	94.8	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 1500	71.9	79.1	86.7	91.9	93.7	95.8	96.3	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	72.0	79.4	87.2	92.5	94.4	96.6	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	72.0	79.4	87.4	92.8	94.7	97.0	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	72.0	79.4	87.4	92.8	94.8	97.2	97.9	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	72.0	79.4	87.4	92.9	94.8	97.2	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 2925

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39010 WIESEBADEN AB GERMANY
STATION

46-70
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0	
NO CEILING ≥ 20000		26.7	27.8	28.7	28.9	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 18000		36.9	38.6	39.7	40.0	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 16000		37.4	39.1	40.2	40.3	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 14000		37.5	39.3	40.4	40.7	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 12000		38.2	40.0	41.2	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 10000		39.1	40.9	42.1	42.4	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 9000		41.3	43.5	44.8	45.3	45.5	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 8000		43.9	45.4	46.7	47.3	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 7000		46.9	49.1	50.5	51.2	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 6000		49.1	51.4	53.1	53.8	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 5000		52.2	54.6	56.3	57.3	57.6	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 4500		56.8	59.4	61.9	62.8	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 4000		61.1	64.0	66.3	67.3	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 3500		67.8	71.1	73.4	74.5	74.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 3000		74.0	77.5	80.1	81.2	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2500		79.7	82.8	86.6	87.9	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000		83.1	87.4	90.3	91.9	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800		85.7	90.3	93.7	95.2	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500		85.9	90.7	94.3	95.9	96.6	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200		86.4	91.4	95.4	97.2	97.9	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0		86.5	91.5	95.5	97.3	98.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

WAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.10	≥.05	≥0
NO CEILING	29.3	29.7	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 20000	41.8	42.4	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 18000	42.9	43.7	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 16000	43.2	44.0	44.3	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
IV 14000	43.9	44.7	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 12000	45.4	45.3	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 10000	48.7	49.7	50.0	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 9000	51.0	52.0	52.3	52.6	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 8000	55.3	55.7	57.4	57.6	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 7000	58.9	60.4	61.2	61.5	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 6000	62.8	64.3	65.4	65.9	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 5000	68.2	69.9	71.0	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4500	72.5	74.3	75.6	76.1	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4000	78.6	80.8	82.2	82.8	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3500	83.0	85.3	86.9	87.5	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3000	87.2	89.9	91.4	92.0	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	90.2	93.3	95.0	95.7	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	91.6	94.8	96.6	97.3	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	93.6	94.9	96.7	97.5	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	91.9	93.3	95.2	96.1	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	91.9	93.3	95.2	96.1	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 400	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 300	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 200	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 100	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 0	92.1	93.4	95.3	96.2	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 2825

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010
CLASS

WIESBADEN AB GERMANY
STATION

46-70
TRIP

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1400-2000
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING																	
IV 20000	34.2	35.1	35.5	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 18000	46.3	47.4	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 16000	47.9	48.9	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 14000	48.4	49.4	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 12000	49.4	50.5	51.0	51.2	51.3	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 10000	50.7	51.8	52.3	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 9000	54.2	55.3	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 8000	57.4	58.5	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 7000	63.8	64.9	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 6000	67.5	68.6	69.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 5000	72.7	74.5	75.6	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 4500	78.2	80.0	81.2	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4000	81.2	83.1	84.5	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	85.4	87.6	89.1	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	87.2	89.7	91.2	92.0	92.2	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	89.2	91.7	93.5	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	90.3	93.2	95.2	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	91.1	94.2	96.4	97.7	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	91.5	94.7	96.9	98.3	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	91.6	94.7	97.0	98.5	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	91.7	94.8	97.2	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2825

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010

WIESBADEN AB GERMANY

46-70

MAY

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	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING																
IV 20000		43.8	45.1	46.0	45.9	46.6	47.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 18000		52.5	54.0	55.0	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 16000		52.7	54.1	55.2	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 14000		52.9	54.3	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000		54.3	55.8	57.1	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 10000		58.3	59.8	61.1	61.7	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 9000		61.1	62.7	64.0	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 8000		66.9	68.7	70.4	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000		70.0	72.1	73.9	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 6000		74.1	76.4	78.3	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 5000		78.6	81.2	82.4	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4500		80.6	83.4	85.8	87.0	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4000		83.7	86.7	89.4	90.7	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500		85.5	88.8	91.6	92.9	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3000		87.4	90.8	93.8	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500		88.3	91.7	95.0	96.4	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000		89.1	92.5	96.0	97.5	98.0	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800		89.2	92.7	96.0	97.6	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500		89.3	92.9	96.5	98.1	98.6	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 1200		89.4	93.0	96.5	98.2	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000		89.4	93.0	96.5	98.2	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900		89.5	93.1	96.5	98.3	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800		89.5	93.1	96.5	98.4	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0		89.5	93.1	96.5	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010
STATION

WIESBADEN 42 GERMANY
STATION NAME

46-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.16	≥ 0.1	≥ 0.05	≥ 0	
NO CEILING		49.0	50.8	51.5	52.2	52.5	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0
IV 20000		53.1	55.0	55.9	56.5	56.8	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4
IV 18000		53.4	55.4	56.2	56.9	57.2	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8
IV 16000		53.4	55.4	56.2	56.9	57.2	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8
IV 14000		53.5	55.4	56.2	56.8	57.2	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
IV 12000		54.7	55.7	57.6	58.3	58.6	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2
IV 10000		57.8	59.2	60.9	61.7	62.0	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8
IV 9000		50.3	62.7	64.0	65.0	65.4	65.6	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.3
IV 8000		65.2	65.9	69.3	70.4	70.9	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 7000		66.1	71.3	74.1	75.5	76.1	76.5	76.6	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1
IV 5000		72.1	76.7	78.9	80.5	81.0	81.5	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.2
IV 5000		76.3	82.2	83.0	84.0	85.3	85.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
IV 4500		77.9	81.7	84.8	86.7	87.4	88.1	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 4000		79.9	83.8	87.1	89.1	89.8	90.4	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3500		80.7	85.0	88.4	90.3	91.2	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
IV 3000		81.5	85.8	89.2	91.5	92.2	93.2	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9
IV 2500		82.2	85.7	90.4	92.3	93.2	94.2	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
IV 2000		82.8	88.1	91.8	94.0	94.8	95.9	96.1	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.8
IV 1800		83.8	88.4	92.1	94.4	95.2	96.4	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3
IV 1500		84.2	89.0	92.8	95.0	95.8	97.1	97.1	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 1200		84.3	89.1	92.9	95.2	96.1	97.4	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 1000		84.4	89.2	93.0	95.3	96.2	97.5	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 900		84.4	89.2	93.0	95.3	96.2	97.5	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 800		84.5	89.3	93.1	95.4	96.3	97.6	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8
IV 700		84.5	89.3	93.1	95.4	96.3	97.6	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8
IV 600		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 500		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 400		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 300		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 200		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 100		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 0		84.6	89.4	93.2	95.5	96.4	97.7	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING DIVISION
 USAF ETAC
 AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY
STATION STA 004 NLMG

46-70

YEAR

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
LOGS 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .5/10	≥ .4	≥ 0
NO CEILING															
IV 20000	39.3	41.9	43.8	45.1	45.6	46.3	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 18000	44.0	46.9	49.1	50.7	51.3	52.1	52.3	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.7
IV 16000	44.4	47.2	49.4	51.1	51.6	52.3	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.1
IV 14000	44.8	47.6	49.9	51.5	52.1	52.9	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.5
IV 12000	45.8	48.8	51.1	52.8	53.4	54.3	54.4	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8
IV 10000	46.0	51.3	53.9	55.8	56.4	57.3	57.5	57.6	57.7	57.8	57.8	57.9	57.9	57.9	58.0
IV 9000	49.3	52.8	55.6	57.6	58.3	59.3	59.2	59.4	59.6	59.6	59.7	59.7	59.8	59.8	59.9
IV 8000	52.4	56.4	59.4	62.2	62.9	64.0	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.7
IV 7000	56.0	60.3	63.9	67.1	67.8	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.9
IV 6000	59.9	64.4	68.0	71.3	72.3	73.7	74.0	74.3	74.4	74.6	74.6	74.6	74.7	74.7	74.8
IV 5000	63.2	68.3	72.0	76.1	77.0	78.9	78.9	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.9
IV 4500	65.2	70.5	74.8	78.4	79.3	81.0	81.3	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.4
IV 4000	67.3	73.0	77.8	81.4	82.3	84.4	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.8
IV 3500	69.0	74.8	79.6	83.7	84.8	86.6	87.1	87.4	87.6	87.8	87.8	87.9	88.0	88.0	88.1
IV 3000	70.3	76.3	81.7	86.0	87.1	89.0	89.3	89.6	89.8	90.0	90.2	90.3	90.4	90.4	90.5
IV 2500	71.6	78.2	83.5	87.9	89.0	91.2	91.5	91.8	92.0	92.3	92.3	92.4	92.4	92.4	92.8
IV 2000	72.8	79.6	85.0	89.6	90.8	93.1	93.4	93.7	94.0	94.3	94.3	94.3	94.3	94.3	95.1
IV 1800	72.9	79.8	85.2	89.8	91.1	93.3	93.6	93.9	94.2	94.5	94.5	94.5	94.5	94.5	95.4
IV 1500	73.6	80.6	86.4	91.2	92.3	94.8	95.1	95.4	95.7	96.0	96.0	96.0	96.0	96.0	97.1
IV 1200	73.7	80.7	86.6	91.3	92.5	95.0	95.3	95.6	95.9	96.2	96.2	96.2	96.2	96.2	97.3
IV 1000	73.9	81.2	87.1	92.1	93.3	95.8	96.1	96.4	96.7	97.0	97.0	97.0	97.0	97.0	98.4
IV 900	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 800	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 700	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 600	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 500	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 400	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 300	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 200	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 100	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5
IV 0	73.9	81.2	87.1	92.2	93.4	95.9	96.2	96.5	96.8	97.1	97.1	97.1	97.1	97.1	98.5

TOTAL NUMBER OF OBSERVATIONS **2250**

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

49-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	25.0	32.1	34.9	37.3	39.3	40.4	40.9	41.0	41.2	41.4	41.5	41.5	41.6	41.6	41.6	41.6
IV 18000	24.9	31.5	34.3	36.8	38.8	39.9	40.4	40.5	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9
IV 16000	35.0	38.9	42.4	45.3	47.8	49.2	49.7	49.9	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 14000	35.9	39.2	42.9	46.0	48.4	49.8	50.3	50.4	50.7	50.9	51.0	51.1	51.1	51.1	51.1	51.2
IV 12000	36.1	40.1	43.9	47.0	49.4	50.8	51.3	51.5	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.2
IV 10000	38.7	43.0	47.0	50.6	53.1	54.6	55.2	55.5	55.7	56.0	56.1	56.1	56.2	56.2	56.2	56.3
IV 9000	40.4	45.0	49.3	53.2	55.7	57.4	58.1	58.4	58.7	58.9	59.0	59.1	59.1	59.2	59.2	59.3
IV 8000	43.3	48.4	53.0	57.3	60.3	62.3	63.0	63.4	63.7	63.9	64.0	64.1	64.2	64.2	64.2	64.4
IV 7000	45.7	51.1	56.0	60.8	63.6	65.8	66.6	67.1	67.4	67.6	67.8	67.9	68.0	68.0	68.0	68.1
IV 6000	47.7	53.3	58.6	63.8	66.7	69.0	69.9	70.3	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.4
IV 5000	50.3	56.4	62.3	67.9	71.0	73.5	74.5	74.9	75.3	75.5	75.8	76.0	76.0	76.1	76.1	76.3
IV 4500	52.0	58.2	64.4	70.1	73.3	76.0	77.2	77.6	78.1	78.4	78.6	78.7	78.7	78.8	78.8	79.0
IV 4000	53.6	60.2	66.7	72.9	76.2	79.1	80.3	80.8	81.2	81.5	81.7	81.8	82.1	82.1	82.1	82.3
IV 3500	54.9	61.7	68.4	74.9	78.2	81.2	82.4	82.9	83.4	83.7	83.9	84.0	84.2	84.2	84.4	84.6
IV 3000	56.4	63.5	70.1	77.1	80.3	83.5	84.9	85.3	85.8	86.0	86.3	86.4	86.6	86.7	86.7	86.9
IV 2500	58.3	65.9	72.7	80.0	83.7	87.3	88.8	89.3	89.9	90.2	90.4	90.5	90.6	90.6	90.8	90.8
IV 2000	60.0	67.6	75.0	82.6	86.3	90.2	91.8	92.3	92.7	93.2	93.4	93.5	93.6	93.6	93.8	93.8
IV 1800	60.3	67.9	75.3	82.9	86.2	90.0	91.6	92.1	92.6	93.0	93.2	93.3	93.4	93.4	93.6	93.6
IV 1500	60.9	68.0	76.8	84.8	88.8	92.8	94.2	94.7	95.3	95.6	95.8	95.9	96.0	96.0	96.2	96.2
IV 1200	61.1	68.2	77.2	85.2	89.2	93.3	94.8	95.3	95.9	96.2	96.4	96.5	96.5	96.6	96.6	96.7
IV 1000	61.1	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 900	61.1	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 800	61.1	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 700	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 600	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 500	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 400	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 300	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 200	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 100	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8
IV 0	61.2	68.3	77.3	85.3	89.3	93.4	94.9	95.4	96.0	96.3	96.5	96.6	96.6	96.7	96.7	96.8

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥5/16	≥.4	≥0
NO CEILING																
IV 20000		26.7	29.4	32.5	34.8	36.2	36.8	37.1	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3
IV 18000		32.9	35.9	39.6	42.2	44.0	44.7	45.0	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3
IV 16000		33.2	36.2	40.0	42.5	44.4	45.0	45.3	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6
IV 14000		33.4	36.0	40.0	42.5	44.4	45.0	45.3	45.3	45.6	45.6	45.7	45.7	45.7	45.7	45.7
IV 12000		34.3	37.9	42.0	44.8	46.7	47.4	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0
IV 10000		36.0	39.8	44.3	47.4	49.3	50.0	50.4	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7
IV 9000		37.4	41.4	46.0	49.4	51.6	52.3	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3
IV 8000		40.4	45.0	50.0	53.6	55.9	56.9	57.3	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8
IV 7000		42.8	47.6	52.8	56.6	58.9	60.1	60.3	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0
IV 6000		44.4	49.4	54.8	58.7	61.1	62.4	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 5000		46.9	52.3	57.8	62.0	64.6	66.0	66.6	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0
IV 4500		48.6	54.1	59.9	64.1	66.8	68.2	68.6	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2
IV 4000		52.4	58.0	63.9	68.3	70.9	72.4	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3
IV 3500		56.9	62.7	68.1	73.7	76.3	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 3000		61.0	67.3	74.1	79.2	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2500		64.7	71.4	78.6	83.8	86.7	88.4	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000		67.7	74.9	82.3	87.7	90.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800		68.2	75.6	82.9	88.3	91.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1500		69.3	77.0	84.8	90.3	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1200		69.3	77.3	85.3	91.3	94.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 700		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 600		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 500		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 400		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 300		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 200		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 100		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV C		69.3	77.4	85.7	91.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS: 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000		27.2	27.9	29.2	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	
IV 18000		36.7	37.7	39.3	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	
IV 16000		37.0	38.0	39.9	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	
IV 14000		37.1	38.2	40.0	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	
IV 12000		37.6	38.7	40.5	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	
IV 10000		38.8	40.1	42.2	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
IV 9000		41.3	42.7	45.1	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
IV 8000		42.9	44.4	47.1	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
IV 7000		48.3	47.2	50.3	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
IV 6000		48.1	50.0	53.1	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
IV 5000		52.0	54.0	57.3	58.0	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	
IV 4500		56.7	58.9	62.4	63.2	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
IV 4000		60.4	62.6	66.6	67.3	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
IV 3500		67.4	69.9	74.0	75.0	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
IV 3000		73.4	76.0	80.4	81.6	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
IV 2500		79.6	82.6	87.4	88.7	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
IV 2000		82.6	86.0	90.9	92.4	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
IV 1800		85.1	88.8	94.0	95.6	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
IV 1500		85.3	89.3	94.5	96.2	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
IV 1200		86.3	90.3	96.0	97.5	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
IV 1000		86.3	90.7	96.2	98.1	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 900		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 800		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 700		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 600		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 500		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 400		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 300		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 200		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 100		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 0		86.4	90.7	96.2	98.2	99.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2270

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

1957

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25/16	≥ .25	≥ .20	
NO CEILING		28.3	28.7	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
IV 20000		39.9	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 18000		40.2	41.1	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 16000		43.4	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
IV 14000		41.1	42.0	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 12000		42.7	43.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 10000		46.1	47.1	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
IV 9000		48.2	50.2	51.1	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 8000		56.2	59.3	60.1	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 7000		57.4	59.1	60.1	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 6000		58.9	60.4	60.7	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 5000		67.0	69.4	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 4500		72.1	74.0	75.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 4000		77.3	79.4	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 3500		82.2	84.4	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000		86.3	88.8	90.9	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500		88.7	91.4	93.8	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000		90.4	93.3	96.0	97.1	97.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800		90.7	93.6	96.3	97.4	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500		91.1	94.1	97.1	98.2	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200		91.4	94.4	97.4	98.5	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0		91.8	94.7	97.7	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 2299

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25010 WIESBADEN AB GERMANY

40-70

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-10	≥¼	≥0
NO CEILING		34.7	35.5	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 20000		48.0	49.0	49.4	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 18000		48.8	49.3	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 16000		48.8	49.3	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 14000		49.6	50.3	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 12000		50.5	52.0	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 10000		55.0	56.7	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 9000		57.9	58.3	60.1	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 8000		63.5	65.2	66.0	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 7000		67.1	69.1	70.0	70.3	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 6000		71.3	73.3	74.7	75.2	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000		76.4	79.0	80.4	81.2	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500		78.7	81.4	83.1	83.8	84.3	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000		82.3	85.6	87.4	88.2	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500		84.4	87.6	89.6	90.4	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3000		87.1	90.3	92.6	93.3	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500		88.7	92.4	94.7	95.6	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000		89.9	93.9	96.3	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800		87.9	94.0	96.4	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500		90.0	95.2	96.8	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200		90.0	96.4	96.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000		90.0	96.4	97.1	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0		90.0	96.4	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 2249

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

40-70

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING																
IV 20000	42.8	43.9	44.7	45.0	45.5	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	
IV 18000	30.3	31.0	32.7	33.0	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
IV 16000	30.4	31.0	32.8	33.0	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	
IV 14000	31.8	32.8	33.7	34.6	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
IV 12000	32.8	34.5	35.3	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
IV 10000	59.8	57.0	58.5	59.3	59.0	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	
IV 9000	59.0	61.0	62.1	63.1	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
IV 8000	63.8	66.1	67.4	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
IV 7000	67.3	70.0	71.5	73.0	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
IV 6000	71.7	74.0	75.2	77.0	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
IV 5000	75.8	79.1	81.3	82.2	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
IV 4500	77.6	81.0	83.6	85.3	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
IV 4000	80.3	84.0	86.9	88.7	89.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 3500	82.1	86.0	89.0	91.1	91.8	92.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
IV 3000	83.3	87.0	90.7	93.1	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
IV 2500	84.0	88.2	91.4	94.0	94.9	95.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
IV 2000	85.0	89.3	92.6	95.3	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
IV 1800	85.0	89.3	92.6	95.3	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
IV 1500	85.2	89.7	93.3	96.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
IV 1200	85.3	89.7	93.7	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
IV 1000	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 900	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 800	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 700	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 600	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 500	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 400	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 300	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 200	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 100	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
IV 0	85.4	89.9	93.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

49-70

YEARS

JUL

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	≥.8	≥.6	≥.5	≥.5/16	≥.4	≥0
NO CEILING		52.3	54.3	55.9	56.8	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
IV 20000		54.3	56.7	58.9	59.6	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
IV 18000		54.4	56.7	58.6	59.7	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
IV 16000		54.4	56.6	58.6	59.7	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
IV 14000		54.6	56.9	58.7	59.8	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 12000		59.6	57.8	59.6	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
IV 10000		58.0	60.6	62.6	63.8	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
IV 9000		60.0	62.9	65.1	66.3	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
IV 8000		69.1	67.6	72.0	73.3	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 7000		70.6	74.8	77.1	78.8	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6
IV 6000		74.3	78.3	81.1	82.6	83.0	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
IV 5000		77.1	81.1	84.1	85.8	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
IV 4500		78.4	82.7	85.7	87.4	88.0	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
IV 4000		80.3	84.7	87.9	89.6	90.2	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
IV 3500		81.6	86.0	89.2	90.9	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
IV 3000		82.3	87.0	90.2	92.1	92.7	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
IV 2500		83.8	88.5	91.7	93.6	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 2000		85.4	90.2	93.7	95.6	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
IV 1800		85.7	90.5	94.1	96.1	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 1500		86.0	91.0	94.6	96.8	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
IV 1200		85.1	91.1	94.7	96.9	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1
IV 1000		86.2	91.2	94.9	97.1	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
IV 900		86.2	91.3	95.0	97.2	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 800		86.2	91.3	95.0	97.2	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
IV 700		86.2	91.3	95.0	97.2	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
IV 600		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.8
IV 500		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.8
IV 400		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.9
IV 300		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.9
IV 200		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
IV 100		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
IV 0		86.2	91.3	95.0	97.2	98.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2815

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

48-70

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2+	≥2	≥1+	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING		39.0	42.6	44.6	46.4	47.1	48.1	48.4	48.9	48.6	48.8	48.8	48.8	48.8	48.8	48.8
IV 20000		42.1	46.1	48.6	50.4	51.3	52.4	52.7	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.2
IV 18000		42.2	46.2	48.6	50.3	51.4	52.4	52.8	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.3
IV 16000		42.3	46.3	48.8	50.6	51.5	52.6	52.9	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.4
IV 14000		42.4	46.4	49.0	50.9	51.7	52.9	53.2	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.7
IV 12000		42.5	47.2	49.7	51.6	52.4	53.4	53.9	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.4
IV 10000		43.7	50.4	53.3	53.4	54.3	57.7	58.1	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6
IV 9000		47.8	53.0	56.1	58.2	59.2	60.4	61.1	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.6
IV 8000		52.2	57.8	61.2	63.7	64.9	66.3	66.9	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4
IV 7000		57.0	63.0	66.6	69.2	70.6	72.1	72.7	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.3
IV 6000		60.4	67.0	70.9	73.9	75.2	76.8	77.4	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.1
IV 5000		63.9	70.9	74.9	78.2	79.6	81.3	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.6
IV 4500		65.7	72.8	77.1	80.4	81.9	83.3	84.3	84.4	84.9	85.2	85.2	85.2	85.2	85.2	85.3
IV 4000		68.3	75.7	80.1	82.7	83.2	84.2	85.0	85.2	85.4	85.7	85.7	85.8	85.8	85.8	85.8
IV 3500		69.7	77.0	81.4	83.2	84.7	85.9	87.7	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.4
IV 3000		70.8	78.3	83.3	84.9	86.4	87.7	89.7	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.4
IV 2500		71.6	79.3	84.2	87.9	89.4	91.9	92.8	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.8
IV 2000		72.9	81.1	86.1	90.0	91.6	94.2	95.2	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.2
IV 1800		73.2	81.6	86.7	90.6	92.3	94.9	95.9	96.1	96.5	96.8	96.8	96.8	96.8	96.8	97.0
IV 1500		74.0	82.5	87.9	91.8	93.3	96.3	97.2	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.3
IV 1200		74.1	82.7	88.2	92.0	93.7	96.3	97.3	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.7
IV 1000		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 900		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 800		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 700		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 600		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 500		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 400		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 300		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 200		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 100		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
IV 0		74.3	82.9	88.5	92.4	94.2	96.7	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS 3317

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

4070

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	½	⅓	¼	⅓
NO CEILING		27.9	31.7	35.6	37.0	38.9	39.9	40.3	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.9
IV 20000		30.9	35.0	39.4	41.9	43.2	44.8	45.2	45.8	45.9	46.0	46.1	46.1	46.1	46.2	46.2
IV 18000		30.4	34.2	38.7	42.1	43.9	45.8	46.4	46.9	47.2	47.3	47.4	47.4	47.4	47.5	47.5
IV 16000		30.4	34.2	38.7	42.1	43.9	45.8	46.4	46.9	47.2	47.3	47.4	47.4	47.4	47.5	47.5
IV 14000		30.7	34.6	40.1	42.3	43.9	45.1	45.8	46.3	46.6	46.8	46.9	46.9	46.9	47.0	47.0
IV 12000		31.8	36.1	40.8	42.4	44.2	45.0	45.7	46.2	46.5	46.7	46.8	46.8	46.8	46.9	46.9
IV 10000		33.2	38.5	43.6	46.6	48.2	49.7	50.9	51.4	51.7	51.9	51.9	51.9	51.9	52.0	52.0
IV 9000		34.9	40.2	45.3	48.4	50.1	51.8	53.1	53.7	54.0	54.2	54.2	54.2	54.2	54.3	54.3
IV 8000		37.9	44.3	50.3	54.2	56.3	58.4	59.9	60.8	60.8	61.0	61.1	61.1	61.1	61.2	61.2
IV 7000		41.8	48.8	55.2	59.8	61.8	64.1	65.8	66.2	66.6	66.8	66.8	66.8	66.8	66.9	66.9
IV 6000		48.8	51.2	58.1	62.8	65.3	68.0	69.9	70.2	70.3	70.7	70.8	70.8	70.8	70.9	70.9
IV 5000		46.7	54.7	62.2	67.2	69.9	72.9	74.7	75.4	75.7	75.8	76.0	76.0	76.0	76.1	76.1
IV 4500		48.8	56.8	64.6	69.7	72.9	76.0	77.9	78.2	78.6	78.8	78.9	78.9	78.9	79.1	79.1
IV 4000		51.3	59.6	67.8	73.0	76.0	79.2	81.1	81.3	82.3	82.3	82.6	82.6	82.7	82.7	82.9
IV 3500		52.9	61.0	69.3	74.9	77.9	81.3	83.1	83.9	84.4	84.6	84.9	84.9	85.0	85.0	85.1
IV 3000		54.9	63.2	71.8	77.3	80.7	84.3	86.2	87.0	87.6	87.8	88.0	88.0	88.2	88.2	88.3
IV 2500		56.1	65.1	73.9	79.7	83.0	86.8	88.8	89.4	90.4	90.7	90.8	90.8	91.0	91.0	91.1
IV 2000		57.9	66.8	75.9	82.1	85.6	89.7	91.9	92.8	93.4	93.9	94.0	94.0	94.2	94.2	94.4
IV 1500		57.7	67.0	76.3	82.6	86.1	90.4	92.7	93.8	94.2	94.7	94.8	94.8	95.0	95.0	95.2
IV 1200		58.2	67.9	77.5	83.9	87.4	91.8	94.2	95.3	95.8	96.1	96.2	96.2	96.5	96.5	96.7
IV 1000		58.4	68.0	77.9	84.3	87.8	92.3	94.7	95.8	96.3	96.7	96.8	96.8	97.1	97.1	97.3
IV 900		58.9	68.2	78.2	84.6	88.1	92.7	95.2	96.3	96.8	97.1	97.2	97.2	97.5	97.5	97.6
IV 800		58.3	68.2	78.2	84.6	88.1	92.7	95.2	96.3	96.8	97.1	97.2	97.2	97.5	97.5	97.6
IV 700		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 600		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 500		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 400		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 300		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 200		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 100		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8
IV 0		58.7	68.3	78.3	84.8	88.3	92.9	95.4	96.5	97.0	97.3	97.4	97.4	97.7	97.7	97.8

TOTAL NUMBER OF OBSERVATIONS **3322**

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 NIESBADEN AB GERMANY

4070

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5-1.0	≥.4	≥.3	
NO CEILING																
IV 20000	29.9	29.1	22.5	36.0	35.0	35.8	38.2	38.3	36.4	38.9	36.8	38.8	36.8	36.8	33.5	
IV 18000	30.3	34.0	38.1	40.0	41.8	42.4	42.8	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
IV 16000	30.8	34.3	38.7	40.6	41.9	42.0	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.8	
IV 14000	31.0	34.7	38.8	40.7	42.1	42.3	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	44.0	
IV 12000	31.4	35.1	39.3	41.3	42.6	42.7	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.6	
IV 10000	32.3	36.3	40.9	42.6	43.9	43.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.9	
IV 9000	33.4	36.4	44.0	44.1	44.6	43.8	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	46.8	
IV 8000	38.9	41.2	48.9	48.3	49.8	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.0	
IV 7000	40.1	42.0	50.9	50.2	51.1	52.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.7	
IV 6000	42.2	47.4	53.2	52.2	57.9	59.4	59.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.7	
IV 5000	44.3	50.1	59.9	59.1	61.0	62.0	62.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
IV 4500	47.0	52.9	61.0	60.2	64.8	66.8	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	
IV 4000	49.3	55.3	61.3	60.2	67.4	69.4	69.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.7	
IV 3500	52.2	58.4	66.9	65.0	71.1	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6	
IV 3000	55.9	62.2	68.9	73.3	73.3	77.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.8	
IV 2500	61.0	67.7	74.8	79.2	81.8	83.0	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	
IV 2000	64.9	71.7	78.9	83.4	83.9	88.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.8	
IV 1800	67.7	75.4	83.3	88.0	90.7	92.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.8	
IV 1500	68.3	76.0	84.1	88.9	91.6	93.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	
IV 1200	69.2	77.1	85.6	90.6	93.4	95.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	
IV 1000	69.6	77.5	86.1	91.0	93.8	96.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	
IV 900	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 800	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 700	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 600	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 500	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 400	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 300	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 200	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 100	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	
IV 0	69.7	77.6	86.2	91.0	94.4	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	

TOTAL NUMBER OF OBSERVATIONS 2225

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

32010 WIESBADEN AB GERMANY

40-70

1955

111

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOUR

CEILING FEET.	VISIBILITY STATUTE MILES.															
	≥ 0	≥ 1/8	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 8	≥ 10
NO CEILING																
IV 20000	28.8	29.8	30.8	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 18000	35.3	37.0	38.7	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 16000	35.6	37.1	38.6	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 14000	36.0	37.3	39.1	39.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 12000	37.3	39.0	40.6	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 10000	40.8	42.3	44.6	45.1	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 9000	42.1	44.7	46.3	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 8000	46.4	48.4	50.6	51.3	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 7000	49.4	51.7	54.1	55.0	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 6000	53.2	55.7	58.1	59.1	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 5000	58.0	60.6	62.3	64.4	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 4500	62.7	65.4	68.2	69.3	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4000	69.0	72.6	73.7	76.5	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 3500	73.4	78.8	82.1	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3000	80.9	84.4	88.3	89.6	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	84.3	88.2	92.0	93.6	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	86.0	90.1	94.5	96.2	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	86.2	90.3	94.8	96.5	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	86.6	90.8	95.3	97.2	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	86.8	91.1	95.8	97.5	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	86.9	91.4	96.0	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	86.9	91.4	96.0	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	87.0	91.4	96.1	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 3225

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38010 WIESBADEN AB GERMANY

40-70

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	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	31.4	31.7	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 20000	39.6	40.0	40.6	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 18000	40.1	40.3	41.1	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 16000	40.2	40.6	41.2	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 14000	41.1	41.3	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 12000	42.8	43.2	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 10000	46.7	47.2	48.0	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 9000	48.0	49.4	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 8000	53.3	54.4	55.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 7000	57.0	58.2	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 6000	62.1	63.3	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 5000	68.3	69.8	71.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4500	73.0	75.1	76.7	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4000	79.7	81.2	82.0	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	84.3	86.2	88.2	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 3000	88.3	90.2	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	90.2	92.3	94.8	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2000	91.3	93.9	96.3	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	91.8	94.0	96.8	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	92.3	94.3	97.2	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	92.4	94.8	97.3	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	92.4	94.8	97.6	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 3325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38010 STATION WIESBADEN AB GERMANY

40019

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
MOON SET

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING V 20000	36.9	37.7	38.4	38.9	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 18000	47.3	48.0	48.4	48.9	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 16000	47.6	48.3	48.8	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 14000	48.3	49.0	49.5	49.9	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 12000	48.6	49.3	49.8	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 10000	54.1	54.8	55.3	55.7	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 9000	57.2	57.9	58.4	58.8	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 8000	62.7	63.4	63.9	64.3	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 7000	67.7	68.4	68.9	69.3	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 6000	72.7	73.4	73.9	74.3	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 5000	78.0	78.7	79.2	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 4500	71.1	71.8	72.3	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4000	81.7	82.4	82.9	83.3	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	87.0	87.7	88.2	88.6	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	88.3	89.0	89.5	89.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	90.2	90.9	91.4	91.8	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	91.0	91.7	92.2	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	91.1	91.8	92.3	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	91.7	92.4	92.9	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 800	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 700	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 500	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 400	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 300	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 200	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 100	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 0	91.3	92.0	92.5	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39010 WIESBADEN AB GERMANY

46-70

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	≥.4	≥.2	≥.1	≥.16	≥.4	≥0
NO CEILING ≥ 20000		45.6	48.9	47.8	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 18000 IV 16000		51.4	53.2	54.5	55.3	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000 IV 12000		51.7	53.5	54.8	55.6	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 10000 IV 9000		56.8	58.9	60.4	61.3	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 8000 IV 7000		64.3	68.9	69.9	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 6000 IV 5000		73.3	76.3	78.3	79.7	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4500 IV 4000		80.0	83.1	85.8	87.1	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500 IV 3000		84.6	87.8	90.6	91.9	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500 IV 2000		87.8	90.7	93.7	95.3	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800 IV 1500		88.7	92.3	95.4	97.1	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200 IV 1000		89.3	92.9	96.2	97.5	98.4	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900 IV 800		89.3	92.9	96.2	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700 IV 600		89.3	92.9	96.2	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500 IV 400		89.3	92.9	96.3	98.1	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300 IV 200		89.3	92.9	96.3	98.1	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100 U		89.3	92.9	96.3	98.1	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

40-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS ZST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING		46.9	48.7	49.8	50.9	51.0	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
IV 20000		30.8	53.1	54.5	55.7	55.8	56.2	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 18000		51.0	53.3	54.7	55.9	56.0	56.4	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9
IV 16000		51.1	53.4	54.8	56.0	56.1	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 14000		51.6	53.9	55.3	56.6	56.8	57.2	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 12000		53.6	55.9	57.3	58.1	58.4	58.7	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
IV 10000		56.7	59.1	60.2	62.3	62.6	63.0	63.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.7
IV 9000		58.9	61.2	62.1	64.7	65.0	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
IV 8000		64.1	67.3	68.2	70.8	71.3	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4
IV 7000		68.1	71.6	72.7	75.4	75.9	76.4	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
IV 6000		71.7	75.4	77.6	79.8	80.0	80.3	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1
IV 5000		73.3	77.9	82.2	84.1	84.6	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 4500		76.8	80.8	83.5	85.8	86.1	86.6	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000		78.3	82.7	85.7	87.6	88.3	88.8	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
IV 3500		79.3	84.0	87.0	89.0	89.6	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9
IV 3000		80.3	85.1	88.3	90.3	90.9	91.5	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2
IV 2500		80.8	85.7	89.2	91.2	91.8	92.4	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.2
IV 2000		82.1	87.3	91.1	93.1	94.0	94.8	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6
IV 1800		82.4	87.8	91.6	93.7	94.4	95.2	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0
IV 1500		82.9	88.4	92.1	94.4	95.1	95.9	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 1200		83.3	88.8	92.8	95.2	95.9	96.8	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000		83.5	89.0	93.0	95.5	96.3	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900		83.5	89.0	93.1	95.6	96.4	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800		83.5	89.1	93.2	95.7	96.5	97.4	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700		83.5	89.1	93.2	95.8	96.6	97.5	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600		83.5	89.1	93.2	95.9	96.7	97.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500		83.5	89.2	93.3	96.0	96.8	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400		83.5	89.2	93.3	96.0	96.8	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300		83.5	89.2	93.3	96.0	96.8	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200		83.5	89.2	93.3	96.0	96.8	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100		83.5	89.2	93.3	96.0	96.8	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0		83.5	89.2	93.3	96.0	96.8	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

49-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS HST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING																
IV 20000	39.1	42.4	43.0	46.4	47.0	48.1	48.6	48.7	48.9	49.0	49.0	49.1	49.1	49.2	49.2	49.3
IV 18000	41.9	45.8	46.0	50.3	51.0	52.2	52.8	53.1	53.3	53.4	53.5	53.5	53.6	53.6	53.7	53.7
IV 16000	42.0	46.1	46.9	50.6	51.2	52.3	52.9	53.1	53.4	53.6	53.7	53.7	53.8	53.8	53.9	54.0
IV 14000	42.8	46.5	47.1	51.0	51.6	52.7	53.3	53.8	54.0	54.2	54.2	54.3	54.3	54.4	54.4	54.4
IV 12000	43.2	47.2	48.1	51.8	52.5	53.9	54.5	54.8	55.0	55.2	55.2	55.3	55.3	55.4	55.4	55.4
IV 10000	43.9	50.1	50.3	55.1	55.8	57.3	58.1	58.4	58.6	58.8	58.8	58.9	58.9	59.0	59.0	59.1
IV 9000	47.7	52.1	52.5	57.6	58.1	59.6	60.4	60.7	60.9	61.2	61.2	61.3	61.3	61.4	61.4	61.5
IV 8000	53.2	57.9	61.6	63.6	64.3	65.9	66.8	67.1	67.4	67.7	67.7	67.8	67.8	67.8	67.9	68.0
IV 7000	56.7	61.7	65.7	67.8	68.6	70.2	70.9	71.2	71.5	71.8	72.1	72.2	72.2	72.3	72.3	72.4
IV 6000	60.4	66.0	70.1	72.3	73.2	75.0	75.9	76.2	76.6	76.9	76.9	77.0	77.0	77.0	77.1	77.2
IV 5000	63.0	69.2	73.7	75.1	77.1	78.9	79.9	80.3	80.6	80.9	81.0	81.0	81.0	81.1	81.2	81.3
IV 4500	63.6	70.0	74.6	77.2	78.2	80.1	81.2	81.9	81.9	82.2	82.2	82.3	82.3	82.4	82.5	82.5
IV 4000	65.0	71.7	76.3	79.2	80.3	82.2	83.3	83.8	84.0	84.3	84.3	84.4	84.4	84.5	84.6	84.6
IV 3500	66.1	73.0	77.8	80.7	82.0	83.9	84.9	85.3	85.6	85.9	86.0	86.1	86.1	86.2	86.3	86.3
IV 3000	67.9	74.8	79.9	82.8	84.3	86.2	87.4	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.6
IV 2500	69.0	76.1	81.3	84.6	85.8	87.8	89.1	89.5	90.1	90.4	90.5	90.5	90.5	90.6	90.7	90.8
IV 2000	69.9	77.4	82.8	86.3	87.8	90.0	91.3	91.8	92.2	92.5	92.7	92.8	92.8	92.9	92.9	93.1
IV 1800	70.3	78.1	83.8	87.1	88.8	91.2	92.6	93.0	93.4	93.7	93.8	93.8	93.8	93.9	93.9	94.1
IV 1500	71.1	79.1	84.9	88.3	89.8	92.3	93.8	94.2	94.6	94.9	95.0	95.0	95.0	95.1	95.1	95.3
IV 1200	71.8	80.0	86.2	89.7	91.3	93.8	95.3	95.7	96.0	96.3	96.4	96.4	96.4	96.5	96.5	96.7
IV 1000	71.9	80.2	86.4	90.2	91.9	94.4	95.9	96.3	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2
IV 900	72.0	80.3	86.4	90.2	92.0	94.5	96.0	96.4	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.3
IV 800	72.0	80.3	86.5	90.4	92.2	94.7	96.2	96.6	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.5
IV 700	72.0	80.3	86.5	90.4	92.2	94.7	96.2	96.6	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.5
IV 600	72.0	80.3	86.6	90.5	92.3	94.8	96.3	96.7	97.0	97.3	97.4	97.4	97.4	97.5	97.5	97.6
IV 500	72.0	80.3	86.7	90.6	92.4	94.9	96.4	96.8	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.7
IV 400	72.0	80.3	86.7	90.6	92.4	94.9	96.4	96.8	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.7
IV 300	72.0	80.3	86.7	90.6	92.4	94.9	96.4	96.8	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.7
IV 200	72.0	80.3	86.7	90.6	92.4	94.9	96.4	96.8	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.7
IV 100	72.0	80.3	86.7	90.6	92.4	94.9	96.4	96.8	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.7
IV 0	72.0	80.3	86.7	90.6	92.4	94.9	96.4	96.8	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.7

TOTAL NUMBER OF OBSERVATIONS 2294

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/WAC

CEILING VERSUS VISIBILITY

39010 WIESBADEN AB GERMANY

46-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING ≥ 20000		26.0	29.1	31.8	33.8	34.9	36.0	37.2	37.3	37.7	37.9	37.9	38.0	38.1	38.2	38.2
IV 18000		29.7	33.3	36.7	39.6	40.9	42.6	44.1	44.3	44.8	45.0	45.0	45.1	45.2	45.3	45.3
IV 16000		30.2	33.8	37.3	40.1	41.5	43.1	44.7	44.9	45.4	45.6	45.6	45.7	45.9	46.0	46.0
IV 14000		30.4	34.0	37.5	40.4	41.7	43.4	45.0	45.1	45.7	45.9	45.9	46.0	46.1	46.2	46.2
IV 12000		30.9	34.5	38.1	41.0	42.5	44.1	45.7	45.9	46.5	46.7	46.7	46.8	46.9	47.0	47.0
IV 10000		32.2	36.1	39.9	43.1	44.7	46.4	48.0	48.2	48.8	49.1	49.1	49.1	49.3	49.4	49.4
IV 9000		34.2	38.4	42.6	46.4	48.0	50.1	51.8	52.0	52.6	52.8	52.8	52.9	53.1	53.2	53.2
IV 8000		36.3	40.8	45.3	49.4	51.1	53.5	55.1	55.5	56.1	56.4	56.5	56.5	56.7	56.8	56.8
IV 7000		39.3	44.6	50.0	54.6	56.8	59.6	61.4	61.7	62.6	62.9	63.0	63.1	63.3	63.4	63.4
IV 6000		42.6	48.2	54.2	59.2	61.5	64.5	66.3	67.0	67.9	68.3	68.3	68.5	68.8	68.9	68.9
IV 5000		44.3	50.7	57.1	62.6	65.0	68.2	70.4	71.0	71.9	72.2	72.3	72.5	72.7	72.8	72.8
IV 4500		46.6	53.2	60.1	66.0	68.4	71.9	74.4	74.9	75.9	76.2	76.3	76.5	76.8	76.9	76.9
IV 4000		47.8	54.6	61.7	67.8	70.4	74.1	76.8	77.0	78.0	78.4	78.4	78.7	78.9	79.0	79.0
IV 3500		49.2	56.2	63.4	69.7	72.4	76.2	78.8	79.3	80.4	80.8	80.9	81.1	81.4	81.5	81.5
IV 3000		50.3	57.4	64.7	71.1	73.9	77.9	80.3	81.0	82.1	82.5	82.5	82.8	83.0	83.1	83.2
IV 2500		51.3	58.6	66.1	72.8	75.8	79.9	82.4	83.1	84.3	84.6	84.6	85.0	85.3	85.4	85.4
IV 2000		52.3	60.1	67.9	75.0	78.1	82.3	84.9	85.7	87.1	87.4	87.4	88.0	88.3	88.4	88.4
IV 1800		54.3	62.3	70.4	77.9	81.2	85.8	88.6	89.3	90.8	91.3	91.3	91.8	92.1	92.2	92.2
IV 1500		54.8	62.6	70.8	78.3	81.9	86.5	89.3	90.1	91.7	92.1	92.1	92.6	92.9	93.0	93.0
IV 1200		54.8	63.0	71.3	79.4	82.9	87.7	90.3	91.4	93.1	93.7	93.7	94.2	94.5	94.6	94.7
IV 1000		55.0	63.5	72.1	80.1	83.6	88.9	91.4	92.5	94.1	94.8	94.8	95.3	95.6	95.7	95.7
IV 900		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 800		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 700		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 600		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 500		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 400		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 300		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 200		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 100		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4
IV 0		55.1	63.6	72.3	80.5	84.0	89.9	92.1	93.0	94.8	95.4	95.4	96.0	96.3	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS 3324

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5,10	≥.5	≥0	
NO CEILING	26.9	29.8	32.6	34.4	33.4	36.4	36.8	36.9	37.0	37.1	37.2	37.2	37.2	37.2	37.2	
IV 20000	32.4	36.0	39.7	41.8	43.3	44.6	45.2	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	
IV 18000	32.6	36.2	40.0	42.1	43.5	44.9	45.5	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	
IV 16000	32.6	36.2	40.0	42.2	43.6	44.9	45.5	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	
IV 14000	32.9	36.6	40.4	42.5	44.1	45.5	46.1	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	
IV 12000	34.4	38.3	42.5	44.9	46.6	48.3	48.9	49.0	49.3	49.4	49.4	49.4	49.4	49.4	49.4	
IV 10000	36.0	40.1	44.6	47.4	49.2	51.0	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.4	52.4	
IV 9000	37.8	42.2	47.3	50.5	52.3	54.4	55.1	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	
IV 8000	40.4	45.3	51.1	54.7	56.6	59.0	59.8	60.0	60.4	60.5	60.5	60.5	60.5	60.5	60.5	
IV 7000	42.2	47.6	53.6	57.4	59.3	62.2	62.9	63.1	63.6	63.7	63.7	63.7	63.7	63.7	63.7	
IV 6000	44.3	49.6	56.1	60.3	62.3	65.3	66.2	66.4	66.8	66.9	67.0	67.0	67.0	67.0	67.0	
IV 5000	46.8	52.6	59.4	64.0	66.5	69.3	70.2	70.3	70.8	71.1	71.2	71.2	71.2	71.2	71.2	
IV 4500	48.0	54.1	61.0	65.8	68.3	71.4	72.2	72.5	72.9	73.0	73.1	73.1	73.1	73.1	73.1	
IV 4000	50.1	56.4	63.6	68.6	71.1	74.2	75.1	75.2	75.6	75.8	76.0	76.0	76.0	76.0	76.0	
IV 3500	52.2	58.7	65.9	71.1	73.8	77.0	77.9	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	
IV 3000	56.0	62.8	70.2	75.8	78.5	81.9	82.9	83.1	83.7	83.8	83.9	83.9	83.9	83.9	83.9	
IV 2500	58.9	65.1	73.9	79.7	82.6	86.1	87.1	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	
IV 2000	61.2	69.2	77.4	83.6	86.6	90.2	91.4	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	
IV 1800	61.7	69.7	78.2	84.4	87.3	91.3	92.4	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	
IV 1500	62.3	70.8	79.7	86.0	89.2	93.0	94.2	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	
IV 1200	62.6	70.9	80.2	86.7	89.9	94.0	95.2	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	
IV 1000	62.7	71.1	80.5	87.0	90.3	94.5	95.8	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	
IV 900	62.7	71.2	80.6	87.1	90.5	94.7	96.0	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
IV 800	62.8	71.2	80.6	87.2	90.7	95.0	96.3	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
IV 700	62.8	71.2	80.6	87.2	90.8	95.1	96.4	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	
IV 600	62.8	71.2	80.6	87.2	90.9	95.2	96.5	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	
IV 500	62.8	71.2	80.6	87.2	90.9	95.3	96.6	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
IV 400	62.8	71.2	80.6	87.2	91.0	95.4	96.7	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
IV 300	62.8	71.2	80.6	87.2	91.0	95.4	96.7	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
IV 200	62.8	71.2	80.6	87.2	91.0	95.4	96.7	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
IV 100	62.8	71.2	80.6	87.2	91.0	95.4	96.7	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
IV 0	62.8	71.2	80.6	87.2	91.0	95.4	96.7	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	

TOTAL NUMBER OF OBSERVATIONS 2225

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

AUG

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	1.0	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000		25.9	26.9	28.4	28.9	29.2	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
IV 18000		35.7	37.1	39.3	39.8	40.1	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 16000		35.8	37.2	39.4	40.0	40.3	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 14000		37.0	38.4	40.7	41.2	41.6	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 12000		38.8	40.3	42.8	43.3	43.9	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 10000		41.4	43.3	45.9	46.6	47.1	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 9000		42.3	43.3	48.4	49.1	49.6	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 8000		47.7	50.1	53.4	54.2	54.9	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 7000		50.6	53.4	56.8	57.7	58.4	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 6000		52.8	55.7	59.2	60.3	61.0	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 5000		58.3	61.7	65.3	66.7	67.5	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 4500		60.9	64.4	68.3	69.6	70.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4000		66.4	70.3	74.3	76.0	77.0	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 3500		71.6	75.7	80.2	81.8	83.0	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3000		78.7	81.7	86.0	87.8	88.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500		80.1	84.4	89.7	91.7	92.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000		82.0	86.8	92.0	94.3	95.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800		82.1	86.9	92.3	94.6	95.9	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500		82.6	87.8	93.1	95.6	96.9	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200		82.8	87.9	93.3	95.7	97.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000		82.9	88.0	93.5	96.2	97.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900		83.0	88.0	93.6	96.4	97.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800		83.1	88.1	93.8	96.6	98.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700		83.1	88.1	93.8	96.6	98.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600		83.1	88.1	93.8	96.6	98.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500		83.1	88.1	93.8	96.6	98.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		83.1	88.1	93.8	96.6	98.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		83.1	88.1	93.8	96.6	98.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200		83.1	88.1	93.8	96.6	98.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		83.1	88.1	93.8	96.6	98.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0		83.1	88.1	93.8	96.6	98.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2225

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

AVE

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.75	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25/16	≥ .25	≥ 0	
NO CEILING																
IV 20000		29.3	30.2	30.4	30.8	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	
IV 18000		39.9	41.1	41.4	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	
IV 16000		40.6	41.8	42.2	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	
IV 14000		40.9	42.1	42.5	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	
IV 12000		41.7	42.9	43.4	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
IV 10000		44.3	45.7	46.2	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
IV 9000		46.3	49.9	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
IV 8000		51.4	53.7	53.8	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
IV 7000		57.2	59.2	60.0	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
IV 6000		62.5	64.8	65.2	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
IV 5000		65.5	68.0	69.1	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
IV 4500		72.2	74.8	76.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
IV 4000		76.2	78.9	80.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
IV 3500		81.2	84.2	85.3	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
IV 3000		85.3	88.6	90.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
IV 2500		88.3	91.7	93.6	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
IV 2000		89.5	93.1	95.1	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
IV 1800		90.6	94.4	96.3	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 1500		90.6	94.4	96.3	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 1200		90.6	94.4	96.3	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 1000		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 900		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 800		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 700		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 600		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 500		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 400		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 300		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 200		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 100		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 0		90.7	94.5	96.4	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY 46-70 AVG
 STATION NAME ALTITUDE TIME OF DAY MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1600-2000
LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.6	≥.5	≥0
NO CEILING																
IV 20000		33.3	34.0	34.5	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 18000		45.8	46.2	47.0	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 16000		46.1	47.1	47.9	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 14000		47.5	48.5	49.3	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 12000		50.7	51.9	52.8	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 10000		55.9	56.8	57.7	58.0	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 9000		57.8	59.3	60.3	60.7	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 8000		63.5	65.3	66.6	67.1	67.2	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 7000		68.8	70.9	72.3	72.8	72.9	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000		73.9	76.1	77.4	78.1	78.3	78.5	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000		79.0	81.4	82.9	83.5	83.7	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500		81.9	84.5	86.0	86.6	86.8	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4000		85.2	87.9	89.3	90.3	90.5	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500		87.4	90.2	91.5	92.7	93.0	93.3	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000		89.6	92.3	94.2	95.1	95.3	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 2500		90.4	93.3	95.3	96.2	96.5	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000		91.0	94.1	96.0	97.1	97.5	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800		91.0	94.1	96.1	97.3	97.6	98.1	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500		91.3	94.4	96.5	97.8	98.1	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200		91.3	94.4	96.7	97.9	98.3	98.8	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000		91.3	94.5	96.7	98.1	98.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 700		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 600		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0		91.3	94.6	96.8	98.1	98.5	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2310

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38010 WIESBADEN AB GERMANY

40-70

4LG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1
NO CEILING ≥ 20000	43.3	44.6	45.5	45.7	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 18000	49.7	51.6	52.6	52.8	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 16000	49.8	51.6	52.7	52.9	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 14000	50.3	52.1	53.2	53.4	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
IV 12000	52.0	53.9	54.9	55.2	55.4	55.6	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
IV 10000	57.0	59.1	60.4	60.8	61.0	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000	60.1	62.6	63.9	64.4	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 8000	65.1	68.1	69.8	70.5	70.7	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 7000	69.9	73.3	75.1	75.8	76.0	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	74.6	78.1	80.1	80.8	81.0	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 5000	78.9	82.9	85.1	85.8	86.2	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4500	80.8	84.9	87.2	88.0	88.4	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4000	82.3	87.1	89.5	90.4	90.8	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	84.2	89.6	91.2	92.2	92.6	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3000	85.5	90.6	92.9	93.9	94.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	86.3	91.0	93.8	94.9	95.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	87.0	91.8	95.0	96.2	96.7	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	87.1	92.0	95.3	96.6	97.1	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	87.3	92.3	95.7	97.1	97.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	87.5	92.4	95.7	97.2	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	87.5	92.4	95.8	97.3	97.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	87.6	92.5	96.0	97.5	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	87.6	92.5	96.0	97.5	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	87.7	92.6	96.0	97.5	98.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	87.7	92.6	96.0	97.5	98.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	87.7	92.6	96.0	97.6	98.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	87.7	92.6	96.0	97.6	98.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	87.7	92.6	96.0	97.6	98.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	87.7	92.6	96.0	97.6	98.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	87.7	92.6	96.0	97.6	98.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	87.7	92.6	96.0	97.6	98.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2279

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3501C WIESBADEN AB GERMANY

46-69

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥5/16	¾	≥0	
NO CEILING																
IV 20000	40.5	44.3	47.3	50.3	51.8	53.4	54.1	54.4	55.1	55.3	55.4	55.5	55.8	55.8	55.8	
IV 18000	42.8	46.8	50.4	53.4	55.0	56.6	57.4	57.8	58.5	58.7	58.8	59.0	59.2	59.2	59.2	
IV 16000	42.8	46.9	50.5	53.5	55.1	56.7	57.3	57.9	58.3	58.8	58.9	59.1	59.3	59.3	59.3	
IV 14000	43.0	47.1	50.7	53.7	55.3	57.0	57.8	58.1	58.8	59.1	59.1	59.3	59.3	59.3	59.3	
IV 12000	43.8	47.9	51.7	54.8	56.5	58.1	58.9	59.2	59.9	60.2	60.3	60.6	60.7	60.7	60.7	
IV 10000	46.2	50.7	54.7	58.3	60.1	61.8	62.8	63.1	63.8	64.1	64.1	64.3	64.5	64.5	64.5	
IV 9000	47.9	52.7	57.0	60.7	62.5	64.4	65.4	65.7	66.4	66.7	66.7	66.9	67.1	67.1	67.1	
IV 8000	51.7	56.7	61.2	65.3	67.2	69.1	70.0	70.4	71.1	71.1	71.4	71.6	71.9	71.8	71.8	
IV 7000	54.6	60.0	64.7	68.9	70.8	72.8	73.8	74.1	74.8	75.1	75.2	75.4	75.6	75.6	75.6	
IV 6000	57.3	63.0	67.9	72.3	74.2	76.2	77.2	77.5	78.3	78.6	78.6	78.8	79.0	79.0	79.0	
IV 5000	60.2	66.2	71.4	76.0	78.0	80.1	81.1	81.5	82.3	82.5	82.6	82.8	83.0	83.0	83.0	
IV 4500	61.5	67.7	73.0	77.7	79.6	81.8	83.0	83.4	84.1	84.4	84.4	84.6	84.9	84.9	84.9	
IV 4000	63.0	69.4	74.9	79.8	81.8	84.0	85.1	85.5	86.3	86.6	86.7	86.8	87.1	87.1	87.1	
IV 3500	64.3	70.9	77.0	82.0	84.1	86.3	87.4	87.8	88.6	88.8	88.9	89.1	89.4	89.4	89.4	
IV 3000	65.9	72.6	78.9	84.2	86.3	88.6	89.7	90.2	90.9	91.2	91.3	91.5	91.8	91.8	91.8	
IV 2500	67.4	74.3	80.8	86.2	88.4	90.6	91.8	92.3	93.1	93.3	93.4	93.6	93.9	93.9	93.9	
IV 2000	68.8	76.0	82.7	88.2	90.3	92.5	93.7	94.2	95.0	95.3	95.4	95.6	95.9	95.9	95.9	
IV 1800	69.1	76.3	83.1	88.7	90.9	93.4	94.7	95.2	96.0	96.2	96.3	96.5	96.8	96.8	96.8	
IV 1500	69.2	76.4	83.4	89.2	91.4	94.1	95.6	96.2	96.9	97.2	97.3	97.5	97.7	97.7	97.7	
IV 1200	69.3	76.6	83.6	89.5	91.8	94.6	96.2	96.8	97.5	97.8	97.9	98.1	98.3	98.3	98.3	
IV 1000	69.3	76.7	83.8	89.7	92.0	94.8	96.4	97.0	97.7	98.0	98.1	98.3	98.6	98.6	98.6	
IV 900	69.3	76.7	83.8	89.7	92.0	94.8	96.4	97.0	97.7	98.0	98.1	98.3	98.6	98.6	98.6	
IV 800	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 700	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 600	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 500	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 400	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 300	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 200	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 100	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	
IV 0	69.4	76.7	83.9	89.8	92.1	94.9	96.5	97.1	97.8	98.1	98.2	98.4	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS 2159

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾ 10	¾	≥0
NO CEILING																
IV 20000	33.0	36.8	41.0	45.0	46.8	49.6	50.0	51.1	51.9	52.3	52.4	52.5	52.7	52.7	53.1	
IV 18000	34.2	38.3	42.8	47.1	49.1	51.9	53.0	53.4	54.3	54.8	55.0	55.1	55.3	55.3	55.8	
IV 16000	34.3	38.4	42.9	47.2	49.2	52.0	53.1	53.6	54.4	54.9	55.2	55.2	55.4	55.5	55.9	
IV 14000	34.4	38.6	43.0	47.4	49.3	52.2	53.3	53.7	54.3	55.0	55.3	55.4	55.5	55.6	56.1	
IV 12000	34.4	38.6	43.0	47.4	49.4	52.2	53.3	53.8	54.6	55.1	55.4	55.4	55.6	55.6	56.1	
IV 10000	35.0	39.3	43.9	48.4	50.3	53.2	54.3	54.7	55.6	56.1	56.4	56.4	56.6	56.6	57.1	
IV 9000	36.4	40.9	45.8	50.4	52.4	55.3	56.6	57.0	57.9	58.4	58.7	58.7	58.9	59.0	59.4	
IV 8000	37.6	42.2	47.2	52.0	54.0	57.0	58.2	58.7	59.7	60.2	60.5	60.6	60.8	60.8	61.3	
IV 7000	40.6	45.2	50.8	55.8	58.0	61.0	62.5	63.0	64.0	64.5	64.8	64.9	65.1	65.1	65.6	
IV 6000	43.0	48.4	54.1	59.2	61.8	64.9	66.4	66.9	67.9	68.3	68.8	68.9	69.2	69.2	69.7	
IV 5000	45.7	51.3	57.2	62.7	65.3	68.5	70.0	70.6	71.6	72.1	72.4	72.5	72.8	72.9	73.4	
IV 4500	47.4	53.4	59.7	65.4	68.1	71.4	73.0	73.5	74.6	75.2	75.5	75.7	75.9	76.0	76.5	
IV 4000	48.4	54.6	60.9	66.8	69.6	72.9	74.6	75.1	76.2	76.8	77.1	77.2	77.3	77.6	78.1	
IV 3500	50.5	56.9	63.6	69.7	72.6	76.1	77.8	78.3	79.4	80.0	80.3	80.4	80.7	80.8	81.3	
IV 3000	51.9	58.7	65.7	72.0	75.0	78.5	80.3	80.9	82.0	82.7	83.0	83.1	83.4	83.4	83.9	
IV 2500	54.4	61.4	68.9	75.6	78.6	82.2	84.0	84.7	85.9	86.6	86.9	87.0	87.3	87.3	87.8	
IV 2000	55.5	62.5	70.3	77.2	80.3	84.0	85.9	86.7	87.9	88.7	88.9	89.1	89.4	89.4	89.9	
IV 1800	57.0	64.3	72.6	79.7	82.9	86.5	88.3	89.3	90.8	91.5	91.8	92.0	92.2	92.3	92.8	
IV 1500	57.2	64.6	73.2	80.4	83.6	87.3	89.1	90.3	91.6	92.4	92.7	92.8	93.1	93.1	93.7	
IV 1200	57.8	65.3	74.1	81.6	84.8	88.5	90.3	91.7	93.1	93.8	94.2	94.3	94.6	94.7	95.2	
IV 1000	58.0	65.8	74.3	82.2	85.4	89.1	90.9	92.2	93.6	94.2	94.5	94.6	94.9	95.0	95.5	
IV 900	58.1	66.0	74.6	82.3	85.5	89.2	91.0	92.3	93.7	94.3	94.6	94.7	95.0	95.1	95.6	
IV 800	58.1	66.0	74.6	82.3	85.5	89.2	91.0	92.3	93.7	94.3	94.6	94.7	95.0	95.1	95.6	
IV 700	58.2	66.1	74.7	82.4	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 600	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 500	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 400	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 300	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 200	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 100	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	
IV 0	58.2	66.1	74.8	82.5	85.6	89.3	91.1	92.4	93.8	94.4	94.7	94.8	95.1	95.2	95.7	

TOTAL NUMBER OF OBSERVATIONS 2189

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WESSAUEN AB GERMANY
STATION STATION NAME

46-70

YEAR

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥½	≥¼	≥0
NO CEILING		21.8	24.5	27.8	30.4	32.2	34.3	36.3	36.8	37.8	38.7	39.1	39.5	39.8	39.9	40.7
≥ 20000		23.8	27.1	30.8	33.9	35.8	38.3	40.6	41.2	42.8	42.6	43.9	44.4	44.8	44.8	45.5
IV 18000		23.9	27.2	31.0	34.1	36.0	38.5	40.8	41.5	42.8	43.8	44.2	44.7	45.0	45.1	46.2
IV 16000		23.9	27.2	31.0	34.1	36.0	38.5	40.8	41.5	42.8	43.8	44.2	44.7	45.0	45.1	46.2
IV 14000		24.0	27.3	31.2	34.4	36.3	38.8	41.1	41.7	43.1	44.1	44.3	45.0	45.3	45.4	46.5
IV 12000		24.8	28.3	32.4	35.6	37.6	40.2	42.5	43.2	44.6	45.7	46.0	46.5	46.8	47.0	48.1
IV 10000		25.6	29.4	33.8	37.6	39.6	42.8	45.3	46.0	47.6	48.7	49.0	49.6	50.0	50.1	51.4
IV 9000		26.3	30.4	35.0	39.1	41.4	44.5	47.2	48.0	49.7	50.9	51.3	51.9	52.4	52.4	53.6
IV 8000		26.4	32.6	37.7	42.3	44.8	48.1	51.0	52.0	53.8	55.2	55.6	56.3	56.8	56.8	58.3
IV 7000		29.6	34.1	39.9	44.8	47.4	51.0	54.0	55.1	57.2	58.6	59.0	59.6	60.2	60.3	61.8
IV 6000		31.0	33.9	42.0	47.3	50.0	53.9	57.1	58.1	60.2	61.6	62.1	62.8	63.3	63.4	65.0
IV 5000		32.9	38.1	44.3	50.4	53.1	57.3	60.6	61.8	64.0	65.3	66.0	66.6	67.2	67.3	68.9
IV 4500		34.2	39.7	46.4	52.3	55.0	59.4	62.7	63.5	66.1	67.6	68.2	68.8	69.3	69.5	71.1
IV 4000		35.7	41.4	48.5	54.9	57.8	62.3	65.9	67.2	69.5	71.1	71.6	72.2	72.8	72.9	74.5
IV 3500		37.4	43.4	51.1	57.7	60.8	65.3	69.1	70.4	72.8	74.4	74.9	75.6	76.1	76.2	77.9
IV 3000		38.8	45.0	52.9	59.7	62.9	68.0	71.6	73.0	75.4	77.0	77.6	78.3	78.8	78.9	80.6
IV 2500		40.2	46.6	54.8	62.1	65.3	70.7	74.3	75.9	78.4	80.0	80.5	81.3	81.9	82.0	83.6
IV 2000		41.1	48.0	56.7	64.4	68.0	73.8	77.9	79.4	82.0	83.8	84.4	85.2	85.8	86.0	87.6
IV 1800		41.2	48.1	57.0	64.8	68.5	74.4	78.5	80.0	82.7	84.5	85.2	86.0	86.6	86.8	88.4
IV 1500		41.5	48.6	57.8	65.6	69.7	75.8	80.2	81.7	84.4	86.4	87.0	88.0	88.5	88.7	90.4
IV 1200		41.8	48.9	58.3	66.7	70.7	76.9	81.3	82.9	85.6	87.6	88.3	89.2	89.8	90.0	91.7
IV 1000		41.8	49.1	58.5	67.0	71.1	77.4	81.8	83.5	86.4	88.6	89.2	90.2	90.8	91.0	92.8
IV 900		41.8	49.2	58.8	67.1	71.2	77.7	82.1	83.8	86.8	89.1	89.6	90.6	91.2	91.4	93.1
IV 800		41.9	49.2	58.9	67.2	71.3	77.9	82.3	84.1	87.1	89.2	90.0	91.0	91.6	91.9	93.6
IV 700		41.9	49.2	58.9	67.3	71.3	78.1	82.6	84.4	87.5	89.7	90.4	91.5	92.1	92.4	94.1
IV 600		41.9	49.2	59.0	67.4	71.6	78.3	82.8	84.7	87.8	90.0	90.7	91.8	92.5	92.7	94.4
IV 500		41.9	49.2	59.0	67.4	71.6	78.3	82.8	84.9	88.0	90.2	90.9	92.2	92.9	93.2	94.9
IV 400		41.9	49.2	59.0	67.4	71.6	78.3	82.8	85.1	88.2	90.4	91.2	92.5	93.2	93.5	95.3
IV 300		41.9	49.2	59.0	67.4	71.6	78.3	82.8	85.1	88.2	90.5	91.3	92.7	93.3	93.8	95.9
IV 200		41.9	49.2	59.0	67.4	71.6	78.3	82.8	85.1	88.2	90.5	91.3	92.7	93.4	93.9	96.5
IV 100		41.9	49.2	59.0	67.4	71.6	78.3	82.8	85.1	88.2	90.5	91.3	92.7	93.7	94.0	98.0
IV 0		41.9	49.2	59.0	67.5	71.6	78.4	83.0	85.1	88.3	90.6	91.4	92.7	93.8	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0
NO CEILING															
IV 20000	19.7	23.1	26.7	30.1	32.4	35.0	36.3	36.9	37.9	38.5	38.6	38.8	38.9	38.9	39.0
IV 18000	23.3	27.4	31.7	35.6	38.2	41.2	42.7	43.6	44.8	45.0	45.1	45.4	45.6	45.6	45.6
IV 15000	23.3	27.4	31.8	35.6	38.3	41.3	42.7	43.6	44.8	45.7	45.8	46.0	46.3	46.3	46.4
IV 14000	23.6	27.6	32.0	36.0	38.8	41.8	43.2	44.2	45.4	46.3	46.4	46.7	46.9	46.9	47.1
IV 12000	24.5	28.8	33.3	37.3	40.3	43.3	45.0	46.0	47.2	48.0	48.2	48.4	48.7	48.7	48.9
IV 10000	26.1	30.8	35.6	40.0	43.1	46.7	48.3	49.3	50.7	51.6	51.7	52.1	52.3	52.3	52.6
IV 9000	27.2	32.2	37.0	41.7	44.8	48.4	50.1	51.3	52.7	53.7	53.8	54.2	54.6	54.4	54.7
IV 8000	28.9	34.1	39.2	44.4	48.0	52.1	54.1	55.4	57.0	58.3	58.6	59.0	59.2	59.2	59.5
IV 7000	30.3	35.6	41.0	46.4	50.2	54.4	56.6	57.9	59.7	61.0	61.3	61.7	62.0	62.0	62.2
IV 6000	31.6	37.1	42.8	48.3	52.3	56.8	59.0	60.4	62.2	63.6	64.0	64.4	64.7	64.7	65.0
IV 5000	32.8	38.8	44.8	51.0	54.8	59.7	62.1	63.6	65.5	66.9	67.4	67.8	68.1	68.1	68.4
IV 4500	33.8	40.0	46.2	52.6	56.5	61.5	64.0	65.4	67.4	68.8	69.3	69.7	70.0	70.0	70.3
IV 4000	35.4	41.9	48.3	54.8	58.8	64.0	66.6	68.0	70.2	71.6	72.2	72.6	72.9	72.9	73.2
IV 3500	36.6	43.2	50.0	56.7	60.7	66.0	68.6	70.1	72.4	73.8	74.4	74.9	75.2	75.2	75.4
IV 3000	39.3	46.0	53.1	60.2	64.2	69.7	72.3	74.0	76.4	77.8	78.4	78.9	79.2	79.2	79.5
IV 2500	42.0	49.2	56.3	63.6	68.0	73.6	76.2	78.1	80.4	81.8	82.4	82.9	83.4	83.4	83.6
IV 2000	43.7	51.3	59.6	67.4	72.1	77.9	80.9	82.7	85.1	86.7	87.3	87.8	88.1	88.1	88.4
IV 1800	44.1	52.0	60.3	68.2	73.0	78.9	82.0	83.7	86.1	87.7	88.4	88.8	89.1	89.1	89.4
IV 1500	44.8	52.8	61.4	69.3	74.4	80.3	83.9	85.8	88.3	89.9	90.6	91.1	91.3	91.3	91.6
IV 1200	45.0	53.2	62.1	70.4	75.4	81.8	85.9	87.4	90.0	91.6	92.4	92.8	93.1	93.1	93.4
IV 1000	45.1	53.3	62.3	71.0	76.3	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 900	45.1	53.3	62.3	71.0	76.3	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 800	45.1	53.3	62.3	71.1	76.4	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 700	45.1	53.3	62.3	71.1	76.5	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 600	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 500	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 400	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 300	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 200	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 100	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4
IV 0	45.1	53.3	62.3	71.2	76.6	82.8	86.9	88.4	91.0	92.6	93.4	93.8	94.1	94.1	94.4

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3901C WIESBADEN AB GERMANY

46-72

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING																
≥ 20000	24.8	26.6	30.7	33.0	34.4	36.1	37.1	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.6
IV 13000	29.5	32.0	36.7	39.2	41.0	43.4	44.5	44.6	44.9	45.0	45.1	45.1	45.1	45.1	45.2	45.2
IV 16000	30.1	32.3	37.1	39.7	41.4	43.3	44.9	45.1	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6
IV 14000	30.2	32.4	37.1	39.7	41.5	43.9	45.0	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.7	45.7
IV 12000	30.6	32.8	37.7	40.4	42.1	44.6	45.7	45.9	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4
IV 10000	32.3	34.7	39.9	42.8	44.5	47.1	48.2	48.4	48.6	48.8	48.8	48.8	48.8	48.8	48.9	48.9
IV 9000	34.3	36.8	42.1	45.4	47.2	50.0	51.2	51.3	51.6	52.0	52.0	52.0	52.0	52.0	52.1	52.1
IV 8000	36.1	38.8	44.3	47.9	49.6	52.4	53.6	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.5
IV 7000	38.6	41.9	47.6	51.1	53.1	56.0	57.5	57.7	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4
IV 6000	40.4	43.9	49.7	53.6	55.7	58.8	60.3	60.6	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.4
IV 5000	42.3	45.9	52.1	56.0	58.1	61.3	62.8	63.1	63.5	63.8	63.9	63.9	63.9	63.9	64.0	64.0
IV 4500	43.7	47.5	53.7	57.0	59.2	62.4	63.9	64.2	64.6	65.0	65.0	65.1	65.1	65.1	65.2	65.2
IV 4000	48.3	52.3	58.7	63.0	65.2	68.4	70.0	70.4	70.7	71.1	71.1	71.2	71.2	71.2	71.2	71.2
IV 3500	52.8	56.4	62.1	67.5	69.6	72.9	74.6	74.9	75.3	75.7	75.7	75.8	75.8	75.8	75.9	75.9
IV 3000	55.8	60.0	67.1	71.6	73.9	77.3	79.1	79.4	79.8	80.2	80.2	80.3	80.3	80.3	80.3	80.4
IV 2500	60.3	64.7	72.2	77.0	79.3	82.9	84.8	85.1	85.6	86.0	86.1	86.1	86.1	86.1	86.2	86.2
IV 2000	63.6	68.0	75.7	80.8	83.1	87.1	89.0	89.3	90.0	90.4	90.4	90.4	90.4	90.4	90.5	90.5
IV 1800	65.4	70.1	78.3	83.6	86.1	90.3	92.4	92.7	93.3	93.7	93.8	93.8	93.8	93.8	93.9	93.9
IV 1500	65.3	71.4	79.7	85.2	87.9	92.4	94.7	95.0	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3
IV 1200	65.4	71.6	80.1	85.8	88.7	93.5	95.6	96.0	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3
IV 1000	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 900	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 800	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 700	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 600	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 500	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 400	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 300	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 200	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 100	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 0	66.4	71.7	80.5	86.4	89.4	94.4	96.4	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3501C STATION: NIESHADEL AB GERMANY STATION NAME

46-70 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING		30.4	32.8	35.6	36.9	37.7	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 20000		38.0	40.8	44.1	43.9	47.0	47.9	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 18000		38.8	41.9	44.8	46.6	47.7	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 16000		38.8	41.9	45.0	46.8	47.9	48.8	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 14000		40.0	42.9	46.3	48.2	49.3	50.4	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 12000		42.2	45.1	48.7	50.8	51.9	53.0	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 10000		44.4	47.6	51.6	53.8	55.0	56.4	56.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 9000		46.7	49.8	53.9	56.1	57.6	59.0	59.6	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 8000		49.6	53.1	57.4	59.8	61.2	62.9	63.5	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0
IV 7000		52.2	56.0	60.5	62.8	64.3	66.1	66.8	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 6000		55.2	59.4	64.0	66.5	68.0	69.9	70.5	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000		60.0	64.8	69.2	71.8	73.9	75.3	76.0	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5
IV 4500		63.0	67.4	72.4	75.2	76.6	78.3	78.9	79.3	79.5	79.8	79.9	79.9	79.9	79.9	79.9
IV 4000		67.4	72.3	77.5	80.4	81.9	84.0	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500		70.4	75.4	80.8	83.9	85.3	87.6	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 3000		72.9	78.3	83.9	87.0	88.5	90.8	91.4	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500		74.3	80.0	85.8	89.2	90.8	93.1	93.8	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6
IV 2000		75.4	81.2	87.5	91.2	92.7	95.1	95.8	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800		75.6	81.4	87.7	91.5	93.1	95.6	96.2	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500		75.8	81.9	88.3	92.3	93.9	96.4	97.2	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200		76.0	82.0	88.5	92.7	94.3	97.1	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 900		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 800		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 700		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 600		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 400		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 300		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 200		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 100		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 0		76.0	82.0	88.5	92.9	94.5	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38010 WIESBADEN AB GERMANY
STATION STATION NAME

48-70
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 20000	35.3	38.2	41.2	43.0	43.7	44.4	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 18000	42.7	45.9	49.1	51.4	52.1	53.2	53.6	53.8	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 16000	42.9	46.2	49.4	51.7	52.4	53.5	54.0	54.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 14000	43.0	46.3	49.5	51.8	52.6	53.6	54.1	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 12000	43.7	47.1	50.3	52.9	53.6	54.7	55.2	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	45.3	48.7	52.3	54.6	55.4	56.5	57.0	57.2	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 9000	48.5	52.1	56.0	58.6	59.2	60.5	61.2	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 8000	51.2	54.9	59.1	61.6	62.4	63.9	64.5	64.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 7000	54.7	58.9	63.4	66.0	67.0	68.6	69.3	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 6000	57.3	61.9	66.6	69.2	70.2	71.9	72.7	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 5000	60.0	64.9	69.7	72.4	73.4	75.2	76.0	76.3	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 4500	63.6	68.7	73.7	76.4	77.6	79.3	80.3	80.8	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4000	65.8	71.0	76.1	78.9	80.1	82.1	83.1	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3500	69.9	75.3	80.5	83.3	84.8	86.9	87.9	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	71.8	77.3	82.8	85.9	87.2	89.4	90.4	90.8	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	73.5	79.4	85.0	88.2	89.5	91.8	92.9	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	74.3	80.5	86.2	89.5	90.9	93.3	94.5	95.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	75.3	81.6	87.6	91.0	92.4	95.0	96.1	96.6	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	75.4	81.8	87.8	91.3	92.7	95.3	96.5	97.0	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	75.7	82.1	88.2	91.7	93.2	95.9	97.3	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	75.7	82.1	88.2	91.7	93.2	96.0	97.5	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.3	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.3	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	75.7	82.1	88.2	91.7	93.2	96.0	97.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2220

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3501C WIESBADEN AB GERMANY
STATION STATION NAME

46-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING		42.5	46.0	46.7	51.0	52.2	53.4	53.6	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 20000		42.5	46.0	46.7	51.0	52.2	53.4	53.6	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 18000		43.8	50.1	53.1	55.6	56.8	58.1	58.6	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 16000		43.9	50.2	53.2	55.7	56.9	58.2	58.7	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 14000		46.4	50.9	53.9	56.4	57.6	59.0	59.3	59.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3
IV 12000		47.4	52.0	55.0	57.6	58.8	60.2	60.7	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 10000		51.3	56.4	59.7	62.6	63.8	65.3	65.9	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.7
IV 9000		54.1	58.9	62.4	65.4	66.7	68.2	69.0	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000		58.1	63.4	67.3	70.4	71.8	73.3	74.3	74.3	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 7000		61.8	67.4	71.4	74.8	76.2	78.0	78.8	79.1	79.7	79.7	79.7	79.8	79.8	79.8	79.8
IV 6000		63.9	69.9	74.0	77.3	78.9	80.7	81.3	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 5000		67.3	73.4	77.8	81.4	82.8	84.8	85.7	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500		68.1	74.4	78.8	82.5	83.9	85.9	87.1	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000		70.3	76.7	81.3	85.1	86.6	88.8	89.9	90.2	90.8	90.8	90.8	90.9	90.9	90.9	90.9
IV 3500		71.7	78.2	82.9	86.8	88.4	90.5	91.8	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000		72.9	79.4	84.2	88.2	89.9	92.0	93.3	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500		73.6	80.3	85.3	89.3	91.3	93.4	94.7	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000		74.4	81.4	86.7	91.1	92.8	95.0	96.3	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800		74.5	81.6	86.8	91.2	93.0	95.3	96.6	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500		74.8	81.9	87.2	91.7	93.4	95.7	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200		74.9	82.1	87.4	91.8	93.6	96.0	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000		75.0	82.3	87.6	92.1	93.8	96.2	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 200		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 0		75.0	82.3	87.7	92.2	93.9	96.3	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 2159

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010
STATION

AIESBADEN AB GERMANY
STATION NAME

46-70
YEAR

CI
LOCUS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
LOCAL TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.5 to	≥.4	≥0	
NO CEILING		25.6	29.3	33.8	37.4	38.6	41.5	42.7	43.3	44.4	45.0	45.2	45.8	46.0	46.1	46.5
≥ 20000		27.2	31.0	35.6	39.5	40.7	43.7	45.1	45.6	46.7	47.4	47.6	48.1	48.4	48.5	49.4
IV 18000		27.2	31.0	35.6	39.5	40.7	43.7	45.1	45.6	46.7	47.4	47.6	48.1	48.4	48.5	49.4
IV 16000		27.2	31.0	35.6	39.5	40.7	43.7	45.1	45.6	46.7	47.4	47.6	48.1	48.4	48.5	49.4
IV 14000		27.4	31.3	35.9	39.8	41.0	44.0	45.4	45.9	47.0	47.7	47.9	48.4	48.7	48.8	49.7
IV 12000		27.9	31.8	36.4	40.4	41.7	44.7	46.0	46.6	47.7	48.4	48.6	49.1	49.4	49.5	50.3
IV 10000		29.5	33.5	38.3	42.4	43.8	47.1	48.5	49.1	50.3	51.1	51.3	51.9	52.2	52.2	53.1
IV 9000		30.4	34.5	39.3	43.7	45.1	48.4	50.0	50.6	51.9	52.7	53.0	53.5	53.8	53.9	54.7
IV 8000		32.6	37.0	42.2	46.9	48.4	51.8	53.4	54.1	55.4	56.4	56.6	57.2	57.6	57.6	58.5
IV 7000		34.3	38.9	44.4	49.2	50.7	54.1	55.8	56.5	57.9	58.9	59.2	59.8	60.1	60.2	61.1
IV 6000		36.0	40.8	46.4	51.4	53.0	56.4	58.2	58.9	60.4	61.4	61.7	62.3	62.6	62.7	63.6
IV 5000		37.6	42.6	48.4	53.7	55.3	58.8	60.6	61.4	62.8	64.0	64.3	64.9	65.3	65.4	66.3
IV 4500		39.3	44.6	50.6	56.2	58.0	61.6	63.6	64.3	65.8	67.0	67.4	68.0	68.4	68.5	69.4
IV 4000		41.2	46.8	53.3	59.2	61.1	64.7	66.9	67.7	69.3	70.5	70.9	71.5	72.0	72.1	73.0
IV 3500		43.0	49.1	55.7	61.7	63.6	67.4	69.7	70.4	72.1	73.4	73.7	74.4	75.0	75.1	76.0
IV 3000		44.9	51.4	58.3	64.6	66.6	70.6	73.0	73.7	75.3	76.7	77.1	77.8	78.3	78.5	79.4
IV 2500		47.4	54.4	61.4	68.1	70.1	74.2	76.7	77.4	79.3	80.9	81.3	82.0	82.6	82.7	83.7
IV 2000		48.8	56.1	63.6	70.4	72.4	76.9	79.4	80.1	82.1	83.7	84.1	84.9	85.4	85.6	86.6
IV 1800		48.9	56.3	64.0	70.9	72.5	77.3	80.1	80.8	82.8	84.4	84.8	85.6	86.2	86.3	87.3
IV 1500		49.7	57.3	65.4	72.5	74.5	79.3	82.1	82.9	85.0	86.6	87.0	87.8	88.4	88.5	89.5
IV 1200		50.2	58.2	66.5	73.8	75.9	80.9	83.8	84.6	86.7	88.3	88.7	89.6	90.1	90.2	91.2
IV 1000		50.3	58.3	66.8	74.2	76.6	81.6	84.5	85.4	87.7	89.2	89.7	90.6	91.1	91.3	92.3
IV 900		50.3	58.3	66.8	74.2	76.6	81.7	84.7	85.5	87.8	89.4	89.9	90.8	91.3	91.5	92.4
IV 800		50.3	58.3	66.8	74.2	76.7	81.9	84.8	85.7	88.0	89.6	90.1	91.0	91.5	91.7	92.7
IV 700		50.3	58.3	66.8	74.2	76.7	82.1	85.1	85.9	88.2	90.0	90.5	91.4	91.9	92.1	93.1
IV 600		50.3	58.3	66.8	74.2	76.7	82.1	85.1	85.9	88.2	90.1	90.6	91.5	92.1	92.2	93.3
IV 500		50.3	58.4	67.0	74.5	76.9	82.3	85.3	86.3	88.6	90.8	91.3	92.3	92.9	93.0	94.1
IV 400		50.3	58.4	67.0	74.6	77.0	82.5	85.5	86.6	88.9	90.9	91.7	92.7	93.4	93.5	94.6
IV 300		50.3	58.4	67.0	74.6	77.0	82.6	85.6	86.7	89.1	91.0	91.8	93.0	93.7	93.9	95.1
IV 200		50.3	58.4	67.0	74.6	77.0	82.6	85.6	86.7	89.1	91.2	92.0	93.2	94.2	94.3	95.9
IV 100		50.3	58.4	67.0	74.6	77.0	82.6	85.6	86.7	89.1	91.2	92.0	93.2	94.2	94.4	96.8
IV 0		50.3	58.4	67.0	74.6	77.0	82.6	85.6	86.7	89.1	91.2	92.0	93.4	94.5	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35C10 WIESBADEN AB GERMANY

48-70

SGT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING -FEET-	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	21.5	25.4	28.0	31.7	33.1	35.4	37.8	38.2	39.7	40.2	40.4	40.9	41.2	41.5	42.7	
IV 18000	22.8	26.9	29.6	33.4	34.8	37.0	39.4	40.0	41.4	42.0	42.2	42.7	43.1	43.4	44.7	
IV 16000	22.8	27.0	29.6	33.4	34.8	37.1	39.5	40.1	41.5	42.1	42.3	42.7	43.2	43.4	44.8	
IV 14000	22.8	27.0	29.6	33.4	34.8	37.1	39.5	40.1	41.5	42.1	42.3	42.7	43.2	43.4	44.8	
IV 12000	23.2	27.6	30.2	34.1	35.5	37.9	40.3	40.9	42.3	42.9	43.1	43.6	44.0	44.2	45.6	
IV 10000	24.0	28.5	31.5	35.4	37.0	39.4	41.8	42.4	43.9	44.5	44.7	45.1	45.6	46.0	47.3	
IV 9000	24.7	29.3	32.3	36.3	37.9	40.4	43.0	43.7	45.2	45.8	46.0	46.5	47.0	47.4	48.8	
IV 8000	26.5	31.2	34.4	38.6	40.4	43.0	45.8	46.5	48.2	48.8	49.0	49.5	50.1	50.5	51.9	
IV 7000	27.9	32.7	36.3	40.6	42.4	45.1	47.9	48.7	50.4	51.1	51.3	51.7	52.3	52.8	54.2	
IV 6000	29.1	34.3	38.1	42.8	44.8	47.6	50.4	51.3	53.0	53.6	53.9	54.4	54.9	55.4	56.8	
IV 5000	31.2	36.6	40.5	45.3	47.6	50.7	53.6	54.5	56.4	57.1	57.4	57.9	58.4	58.9	60.3	
IV 4000	32.7	38.0	42.0	47.1	49.3	52.8	55.7	56.6	58.6	59.4	59.6	60.2	60.8	61.3	62.7	
IV 3500	34.2	40.1	44.3	49.3	52.1	55.8	58.7	59.7	61.8	62.7	63.0	63.5	64.2	64.6	66.1	
IV 3000	35.9	42.1	46.7	52.4	54.8	58.4	61.4	62.4	64.6	65.5	65.7	66.3	67.0	67.4	68.9	
IV 2500	37.3	43.9	48.6	54.6	57.1	61.1	64.2	65.2	67.6	68.5	68.7	69.3	70.0	70.5	72.0	
IV 2000	39.7	46.6	51.9	58.3	61.0	65.1	68.4	69.4	71.8	72.9	73.1	73.7	74.4	74.9	76.5	
IV 1800	42.1	49.6	55.3	62.1	64.8	69.2	72.6	73.6	76.1	77.3	77.6	78.2	78.9	79.4	80.9	
IV 1500	42.9	50.0	55.6	62.5	65.2	69.8	73.2	74.3	76.8	78.1	78.4	79.0	79.7	80.2	81.8	
IV 1200	43.4	51.4	57.1	64.7	67.4	72.1	75.5	76.6	79.1	80.4	80.7	81.3	82.0	82.5	84.1	
IV 1000	43.5	52.2	58.4	66.2	69.2	74.7	78.4	79.6	82.1	83.4	83.7	84.3	85.0	85.5	87.1	
IV 900	43.6	52.4	58.6	66.4	69.5	75.0	78.7	80.0	82.5	83.8	84.1	84.7	85.4	85.9	87.5	
IV 800	43.6	52.4	58.6	66.5	69.5	75.2	79.0	80.3	82.8	84.1	84.4	85.0	85.7	86.2	87.8	
IV 700	43.6	52.5	58.7	66.6	69.6	75.3	79.1	80.4	82.9	84.2	84.5	85.1	85.8	86.3	87.9	
IV 600	43.6	52.5	58.7	66.7	69.6	75.5	79.3	80.7	83.2	84.5	84.8	85.4	86.1	86.6	88.2	
IV 500	43.6	52.5	58.8	66.8	69.7	75.6	79.5	81.0	83.5	84.8	85.1	85.7	86.4	86.9	88.5	
IV 400	43.6	52.5	58.8	66.8	69.8	75.7	79.7	81.2	83.7	85.0	85.3	85.9	86.6	87.1	88.7	
IV 300	43.6	52.5	58.8	66.8	69.8	75.7	79.8	81.3	83.8	85.1	85.4	86.0	86.7	87.2	88.8	
IV 200	43.6	52.5	58.8	66.8	69.8	75.7	79.8	81.3	83.8	85.1	85.4	86.0	86.7	87.2	88.8	
IV 100	43.6	52.5	58.8	66.8	69.8	75.7	79.8	81.3	83.8	85.1	85.4	86.0	86.7	87.2	88.8	
IV 0	43.6	52.5	58.8	66.8	69.8	75.7	79.8	81.3	83.8	85.1	85.4	86.0	86.7	87.2	88.8	

TOTAL NUMBER OF OBSERVATIONS 2319

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
TAPE

61
CGI

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

660-0802
FORM 4-57

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING ≥ 20000		14.8	17.1	19.6	21.8	23.1	25.1	26.2	26.8	27.6	28.5	28.9	29.4	29.8	30.1	32.1
IV 18000		15.4	19.1	21.9	24.4	25.8	28.1	29.3	30.0	30.9	31.9	32.4	33.0	33.4	33.7	35.8
IV 16000		16.5	19.1	22.0	24.6	25.9	28.3	29.5	30.2	31.1	32.1	32.6	33.1	33.6	33.9	36.1
IV 14000		16.9	19.5	22.4	25.0	26.4	28.7	29.9	30.6	31.5	32.5	33.0	33.6	34.0	34.3	36.5
IV 12000		17.2	19.8	22.8	25.4	26.8	29.1	30.3	31.0	32.0	32.9	33.5	34.0	34.5	34.8	37.0
IV 10000		17.9	20.6	23.6	26.3	27.7	30.2	31.4	32.2	33.3	34.3	34.9	35.5	36.1	36.4	38.6
IV 9000		18.4	21.2	24.4	27.2	28.7	31.5	32.9	33.7	34.9	35.9	36.5	37.3	37.9	38.3	40.5
IV 8000		19.8	23.0	26.5	29.4	31.2	34.0	35.6	36.5	38.0	39.1	39.9	40.8	41.6	42.0	44.5
IV 7000		20.7	23.9	27.6	30.5	32.3	35.2	36.9	37.8	39.3	40.8	41.3	42.3	43.0	43.4	46.0
IV 6000		21.9	25.4	29.3	32.4	34.3	37.3	39.2	40.1	41.7	42.9	43.7	44.8	45.7	46.0	48.7
IV 5000		23.2	26.9	31.3	34.7	36.6	39.9	41.7	42.8	44.5	45.9	46.7	47.9	48.8	49.2	51.9
IV 4500		24.6	28.6	33.3	37.0	38.9	42.4	44.3	45.4	47.3	48.7	49.6	50.9	51.9	52.3	54.9
IV 4000		25.9	30.0	35.3	39.3	41.3	45.0	47.0	48.3	50.2	51.6	52.6	53.9	55.0	55.4	58.1
IV 3500		26.9	31.5	37.2	41.6	43.8	47.7	49.7	51.0	53.0	54.5	55.5	56.8	58.0	58.4	61.2
IV 3000		28.7	33.6	39.7	44.2	46.4	50.7	52.8	54.2	56.3	58.0	59.0	60.4	61.6	62.0	64.8
IV 2500		30.2	35.4	42.1	47.0	49.3	53.8	56.1	57.5	59.7	61.6	62.6	64.0	65.2	65.7	68.5
IV 2000		32.8	38.7	46.3	51.7	54.2	59.2	61.7	63.1	65.4	67.3	68.4	69.9	71.1	71.6	74.5
IV 1800		33.2	39.1	46.8	52.5	55.2	60.4	63.0	64.5	66.9	68.8	70.0	71.5	72.8	73.3	76.2
IV 1500		34.0	40.2	48.2	54.2	57.1	62.5	65.2	66.9	69.4	71.4	72.5	74.1	75.4	75.9	78.7
IV 1200		34.3	40.8	49.1	55.3	58.6	64.2	67.0	68.7	71.4	73.5	74.7	76.3	77.6	78.2	81.1
IV 1000		34.4	40.9	49.4	55.8	59.1	64.9	67.9	69.6	72.4	74.6	75.8	77.6	78.9	79.4	82.4
IV 900		34.4	41.0	49.4	55.9	59.2	65.0	68.1	69.8	72.7	74.9	76.1	77.9	79.2	79.7	82.7
IV 800		34.4	41.0	49.5	56.1	59.3	65.2	68.3	70.1	73.0	75.3	76.5	78.3	79.7	80.3	83.2
IV 700		34.4	41.0	49.6	56.2	59.5	65.4	68.5	70.3	73.2	75.6	76.8	78.6	80.0	80.6	83.5
IV 600		34.3	41.1	49.6	56.2	59.5	65.4	68.5	70.3	73.3	75.8	77.1	79.0	80.4	81.0	84.0
IV 500		34.3	41.1	49.7	56.3	59.6	65.7	68.8	70.9	74.1	76.6	77.9	79.9	81.4	82.0	85.0
IV 400		34.3	41.1	49.7	56.3	59.6	65.7	68.8	71.0	74.3	76.8	78.1	80.3	82.1	82.8	85.9
IV 300		34.3	41.1	49.7	56.3	59.7	65.9	69.0	71.1	74.7	77.1	78.4	80.9	82.8	83.6	86.6
IV 200		34.3	41.1	49.7	56.3	59.7	65.9	69.1	71.3	74.8	77.3	78.6	81.2	83.3	84.2	87.2
IV 100		34.3	41.1	49.7	56.4	59.8	65.9	69.1	71.3	74.9	77.6	78.9	81.6	83.7	84.7	87.7
IV 0		34.5	41.1	49.7	56.4	59.8	65.9	69.1	71.3	74.9	77.6	79.0	81.8	83.7	84.9	88.0

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-79

YEARS

CI

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥5/16	≥.4	≥0
NO CEILING																
IV 20000	12.9	15.5	18.3	19.9	21.2	22.7	23.4	24.0	25.0	25.6	25.8	26.2	26.6	26.7	27.5	
IV 18000	14.8	17.8	21.0	22.8	24.3	26.3	27.3	28.2	29.4	30.0	30.3	30.9	31.3	31.4	32.3	
IV 16000	15.1	18.1	21.2	23.1	24.6	26.6	27.8	28.5	29.7	30.3	30.6	31.2	31.6	31.7	32.6	
IV 14000	15.1	18.2	21.3	23.3	24.8	26.8	28.0	28.7	29.9	30.5	30.8	31.4	31.8	31.9	32.9	
IV 12000	15.3	18.4	21.6	23.6	25.1	27.1	28.3	29.0	30.2	30.9	31.2	31.8	32.2	32.3	33.2	
IV 10000	15.7	18.8	22.2	24.2	25.8	27.7	29.0	29.8	31.0	31.7	32.0	32.6	33.0	33.1	34.1	
IV 9000	15.6	20.0	23.5	25.9	27.6	29.7	31.2	32.1	33.3	34.3	34.6	35.4	35.8	35.9	36.9	
IV 8000	17.1	20.6	24.1	26.6	28.4	30.7	32.3	33.3	34.7	35.7	36.0	36.9	37.4	37.5	38.5	
IV 7000	18.0	21.8	25.5	28.5	30.5	33.0	34.9	36.1	37.7	39.0	39.4	40.3	40.8	40.9	41.9	
IV 6000	18.7	22.6	26.8	29.8	31.9	34.5	36.5	37.7	39.4	40.9	41.4	42.3	42.9	43.0	44.1	
IV 5000	19.5	23.5	27.7	30.7	32.9	35.6	37.6	38.9	40.6	42.2	42.7	43.6	44.3	44.3	45.5	
IV 4500	20.9	25.8	30.0	33.2	35.5	38.4	40.6	41.8	43.8	45.6	46.1	47.0	47.7	47.8	49.0	
IV 4000	22.1	26.9	31.7	35.3	37.6	40.8	43.0	44.3	46.4	48.1	48.7	49.6	50.3	50.4	51.6	
IV 3500	23.4	28.4	33.7	37.5	40.0	43.5	45.8	47.1	49.5	51.4	52.0	52.1	53.9	54.0	55.3	
IV 3000	25.0	30.3	36.2	40.3	42.8	46.5	48.9	50.3	52.8	54.7	55.4	56.4	57.2	57.3	58.6	
IV 2500	27.2	32.7	38.8	43.2	45.7	49.5	52.1	53.5	56.2	58.2	58.9	60.0	60.8	61.0	62.3	
IV 2000	29.2	35.1	41.5	46.2	49.2	53.1	55.9	57.4	60.3	62.7	63.4	64.4	65.2	65.3	66.8	
IV 1800	31.8	38.3	45.8	51.1	54.3	58.7	61.6	63.3	66.3	69.1	69.9	71.1	72.1	72.3	73.6	
IV 1500	32.3	38.8	46.6	52.1	55.6	60.0	63.0	64.7	67.7	70.7	71.4	72.7	73.7	73.8	75.2	
IV 1200	33.2	40.1	48.2	54.4	57.9	62.8	66.0	67.9	71.0	73.9	74.8	76.1	77.1	77.2	78.7	
IV 1000	34.7	40.6	48.8	55.3	59.4	64.5	68.0	70.1	73.2	76.3	77.4	78.8	79.8	80.0	81.4	
IV 900	35.7	40.8	49.3	56.2	60.3	65.9	69.6	71.6	74.8	77.8	78.9	80.4	81.5	81.7	83.2	
IV 800	35.7	40.9	49.4	56.2	60.6	66.1	70.1	72.6	75.7	78.8	79.9	81.0	82.2	82.3	83.8	
IV 700	35.7	40.9	49.5	56.4	60.7	66.2	70.2	72.9	76.1	79.1	80.2	81.9	82.9	83.0	84.8	
IV 600	35.8	40.9	49.5	56.4	60.7	66.4	70.5	73.2	76.6	80.0	81.6	83.4	84.4	84.5	86.5	
IV 500	35.8	40.9	49.5	56.4	60.7	66.4	70.5	73.2	76.6	80.0	81.6	83.4	84.4	84.5	86.5	
IV 400	35.8	40.9	49.5	56.4	60.7	66.4	70.5	73.2	76.6	80.0	81.6	83.4	84.4	84.5	86.5	
IV 300	35.8	41.0	49.6	56.5	60.8	66.5	70.6	73.2	77.3	81.9	83.7	85.6	86.5	86.7	88.0	
IV 200	35.8	41.0	49.6	56.5	60.8	66.5	70.6	73.2	77.3	81.9	83.7	85.6	86.5	86.7	88.0	
IV 100	35.8	41.0	49.6	56.5	60.8	66.5	70.6	73.2	77.3	81.9	83.7	85.6	86.5	86.7	88.0	
IV 0	35.8	41.0	49.6	56.5	60.8	66.5	70.6	73.2	77.3	81.9	83.7	85.6	86.5	86.7	88.0	

TOTAL NUMBER OF OBSERVATIONS 2225

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

40-70
YEARS

LCI

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING		15.7	16.5	21.8	23.9	25.6	27.1	28.6	29.2	30.0	30.3	30.5	30.6	30.8	30.8	30.8
IV 20000		18.8	22.3	26.2	28.7	30.5	32.3	34.2	35.0	36.1	36.6	36.8	37.0	37.3	37.3	37.4
IV 18000		19.0	22.5	26.4	29.1	30.9	32.9	34.6	35.4	36.6	37.0	37.2	37.4	37.7	37.8	37.8
IV 16000		19.1	22.6	26.5	29.2	31.1	33.2	35.0	35.7	36.9	37.4	37.6	37.8	38.1	38.1	38.2
IV 14000		19.3	22.9	26.8	29.5	31.4	33.5	35.3	36.0	37.2	37.7	37.9	38.1	38.4	38.4	38.5
IV 12000		19.5	23.2	27.2	29.9	31.8	34.0	35.7	36.5	37.6	38.2	38.4	38.6	38.9	38.9	39.0
IV 10000		20.9	24.8	29.2	32.3	34.3	36.9	38.7	39.5	40.8	41.5	41.7	41.9	42.2	42.2	42.3
IV 9000		21.6	25.6	30.1	33.2	35.4	37.9	39.7	40.6	41.8	42.3	42.8	42.0	43.3	43.4	43.4
IV 8000		22.9	27.1	31.8	35.1	37.5	40.2	42.3	43.1	44.5	45.3	45.5	45.8	46.1	46.2	46.2
IV 7000		23.9	28.3	33.0	36.4	38.8	41.3	43.7	44.6	46.1	46.9	47.1	47.4	47.7	47.7	47.9
IV 6000		25.0	29.5	34.3	37.8	40.2	43.2	45.5	46.5	47.9	48.7	49.0	49.2	49.6	49.6	49.8
IV 5000		26.7	31.5	36.6	40.3	42.8	45.9	48.4	49.4	50.8	51.7	52.0	52.4	52.7	52.8	52.9
IV 4500		28.3	33.5	38.9	42.7	45.3	48.5	51.0	52.0	53.5	54.4	54.7	55.1	55.4	55.5	55.6
IV 4000		21.1	36.8	42.4	46.4	49.0	52.6	55.1	56.0	57.8	58.7	59.1	59.6	60.0	60.1	60.2
IV 3500		33.4	39.6	45.3	49.7	52.4	56.0	58.6	59.6	61.3	62.4	62.8	63.3	63.7	63.8	63.9
IV 3000		37.1	43.4	49.7	54.2	57.0	60.8	63.7	64.9	66.8	68.0	68.4	69.0	69.4	69.5	69.6
IV 2500		40.8	47.7	54.3	59.1	62.1	66.1	69.1	70.5	72.6	73.9	74.4	75.1	75.6	75.7	75.8
IV 2000		45.2	50.8	58.4	63.8	67.1	71.5	74.8	76.3	78.6	80.3	80.7	81.5	82.1	82.2	82.3
IV 1800		43.6	51.3	59.0	64.6	67.9	72.3	75.8	77.4	79.7	81.4	81.8	82.7	83.2	83.3	83.4
IV 1500		44.6	52.6	60.6	66.8	70.5	75.2	78.8	80.5	82.9	84.6	85.2	86.0	86.7	86.7	86.8
IV 1200		44.9	52.9	61.0	67.7	71.5	76.3	80.2	82.0	84.4	86.4	87.0	88.0	88.7	88.8	88.9
IV 1000		45.1	53.2	61.4	68.3	72.4	77.0	81.7	83.6	86.4	88.6	89.3	90.3	91.1	91.2	91.3
IV 900		45.1	53.3	61.5	68.4	72.6	77.0	81.9	83.9	86.7	88.9	89.6	90.6	91.4	91.5	91.6
IV 800		45.1	53.4	61.5	68.5	72.7	77.4	82.3	84.7	87.8	90.0	90.8	91.9	92.7	92.8	92.9
IV 700		45.2	53.4	61.5	68.5	72.8	77.5	82.7	85.1	88.5	90.7	91.5	92.6	93.3	93.6	93.7
IV 600		45.2	53.4	61.5	68.5	72.8	77.6	83.1	85.5	89.0	91.3	92.2	93.3	94.3	94.4	94.6
IV 500		45.2	53.4	61.5	68.5	72.8	77.6	83.3	85.8	89.3	92.3	93.3	94.4	95.4	95.9	96.2
IV 400		45.2	53.4	61.5	68.6	72.8	77.7	83.3	85.9	89.5	92.5	94.0	95.8	96.8	96.9	97.2
IV 300		45.2	53.4	61.5	68.6	72.9	77.7	83.4	86.0	89.6	92.8	94.3	96.3	97.7	97.9	98.5
IV 200		45.2	53.4	61.5	68.6	72.9	77.7	83.4	86.0	89.6	92.8	94.4	96.3	98.2	98.3	99.4
IV 100		45.2	53.4	61.5	68.6	72.9	77.7	83.4	86.0	89.6	92.8	94.4	96.3	98.2	98.3	99.7
IV 0		45.2	53.4	61.5	68.6	72.9	77.7	83.4	86.0	89.6	92.8	94.4	96.4	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

YEAR

1951

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1520-1720

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥0
NO CEILING	23.9	23.3	23.9	28.4	29.6	30.9	32.0	32.7	32.9	33.3	33.6	33.8	34.0	34.0	34.0
≥ 20000	26.3	29.3	32.7	35.6	37.2	39.1	40.4	41.3	41.8	42.3	42.6	42.9	43.1	43.1	43.2
IV 18000	26.4	29.4	32.9	35.8	37.4	39.3	40.8	41.4	42.0	42.5	42.9	43.2	43.3	43.3	43.4
IV 16000	26.5	29.5	33.0	36.0	37.6	39.5	40.9	41.7	42.3	42.8	43.2	43.5	43.6	43.6	43.7
IV 14000	26.8	29.7	33.2	36.2	37.8	39.8	41.1	42.0	42.5	43.0	43.4	43.7	43.8	43.8	43.9
IV 12000	27.3	30.2	33.8	36.8	38.6	40.5	41.8	42.7	43.3	43.8	44.2	44.5	44.7	44.7	44.7
IV 10000	28.8	31.9	35.8	38.9	40.7	42.9	44.3	45.2	45.9	46.6	46.9	47.2	47.3	47.3	47.5
IV 9000	29.9	33.1	37.1	40.3	42.1	44.4	45.9	46.9	47.5	48.2	48.7	49.0	49.2	49.3	49.3
IV 8000	31.6	35.0	39.3	42.9	44.8	47.1	49.0	50.0	50.8	51.5	52.1	52.5	52.7	52.8	52.8
IV 7000	33.0	36.6	41.0	44.8	46.7	49.2	51.2	52.3	53.2	53.9	54.5	54.9	55.2	55.2	55.2
IV 6000	35.1	38.7	43.2	47.1	49.2	51.7	53.7	54.8	55.7	56.5	57.1	57.5	57.7	57.8	57.9
IV 5000	38.0	41.7	46.4	50.5	52.6	55.2	57.3	58.4	59.4	60.3	60.9	61.3	61.6	61.6	61.7
IV 4500	40.4	44.1	49.1	53.1	55.4	58.0	60.1	61.4	62.3	63.3	63.9	64.3	64.6	64.6	64.7
IV 4000	44.1	48.1	53.3	57.7	59.9	62.6	64.8	65.1	67.2	68.2	68.8	69.2	69.3	69.3	69.6
IV 3500	47.1	51.2	56.7	61.3	63.6	66.5	68.6	70.0	71.1	72.1	72.8	73.2	73.3	73.5	73.5
IV 3000	52.3	55.0	60.9	65.8	68.4	71.3	73.6	74.9	76.2	77.3	78.1	78.5	78.7	78.8	78.8
IV 2500	53.3	56.4	62.6	67.8	70.6	73.7	76.1	77.5	78.9	81.0	82.3	83.1	83.5	83.9	84.0
IV 2000	56.9	60.2	67.2	72.7	75.9	79.5	82.1	83.4	85.2	86.5	87.4	87.9	88.3	88.3	88.4
IV 1800	58.0	61.4	69.1	74.8	78.1	81.8	84.2	85.9	87.3	88.2	88.7	89.1	89.1	89.1	89.2
IV 1500	58.6	62.3	70.5	76.4	79.8	83.5	86.1	87.6	89.0	89.9	90.2	91.4	91.7	91.8	91.9
IV 1200	58.8	62.6	71.0	77.0	80.4	84.1	86.7	88.4	90.2	91.7	92.7	93.2	93.6	93.7	93.8
IV 1000	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 900	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 800	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 700	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 600	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 500	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 400	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 300	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 200	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 100	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9
IV 0	58.9	62.7	71.1	77.1	80.5	84.2	86.8	88.5	90.3	91.8	92.8	93.3	93.7	93.8	93.9

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010
STATION

#155BADEN AB GERMANY
STATION

40-70
STATION

YEARS

561
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
STATION

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.20	
NO CEILING		22.6	20.0	29.1	32.1	33.2	36.0	37.2	37.5	38.4	39.0	39.5	39.9	40.1	40.1	40.2
IV 20000		26.2	30.1	33.7	36.9	38.2	41.6	43.0	43.4	44.5	45.2	45.8	46.1	46.4	46.5	46.6
IV 18000		26.3	30.3	33.8	37.2	38.4	41.9	43.3	43.7	44.7	45.3	46.0	46.4	46.7	46.7	46.9
IV 16000		26.3	30.3	33.8	37.2	38.4	41.9	43.3	43.7	44.7	45.3	46.0	46.4	46.7	46.7	46.9
IV 14000		26.5	30.5	34.1	37.5	38.9	42.3	43.8	44.2	45.3	46.1	46.6	47.0	47.3	47.3	47.4
IV 12000		27.2	31.3	35.0	38.5	39.8	43.3	44.8	45.2	46.3	47.1	47.6	48.0	48.3	48.3	48.4
IV 10000		29.2	33.4	37.4	41.0	42.4	45.9	47.3	48.0	49.2	49.9	50.5	50.8	51.1	51.2	51.4
IV 9000		29.8	34.1	38.3	42.1	43.5	47.1	48.8	49.3	50.5	51.2	51.8	52.3	52.6	52.6	52.8
IV 8000		32.0	36.7	41.2	45.1	46.5	50.3	52.1	52.6	53.9	54.9	55.5	56.0	56.3	56.3	56.5
IV 7000		33.7	38.6	43.2	47.3	48.9	52.9	54.7	55.2	56.6	57.7	58.3	58.8	59.1	59.1	59.3
IV 6000		36.2	41.3	45.2	50.4	52.0	56.1	58.0	58.6	60.0	61.2	61.7	62.2	62.3	62.6	62.8
IV 5000		39.5	44.9	49.9	54.2	55.9	60.1	62.2	62.9	64.4	65.6	66.2	66.7	67.0	67.1	67.2
IV 4500		41.3	46.8	52.3	56.6	58.4	62.8	64.9	65.6	67.1	68.4	69.0	69.3	69.8	69.9	70.1
IV 4000		44.1	50.0	55.6	60.2	62.2	66.8	69.0	69.7	71.6	72.8	73.4	74.0	74.3	74.3	74.5
IV 3500		46.4	52.8	58.7	63.6	65.9	70.5	73.1	73.7	75.5	77.0	77.6	78.1	78.4	78.5	78.7
IV 3000		49.2	56.4	63.0	68.5	70.9	75.8	78.3	79.2	81.0	82.6	83.3	83.8	84.1	84.2	84.4
IV 2500		50.4	58.0	65.0	70.9	73.5	78.7	81.4	82.2	84.0	85.7	86.4	87.1	87.4	87.5	87.6
IV 2000		51.7	59.6	66.9	73.3	76.1	81.3	84.3	85.3	87.2	88.9	89.7	90.6	90.7	90.7	90.9
IV 1800		51.9	59.8	67.4	74.0	76.8	82.3	85.4	86.1	88.0	89.8	90.5	91.2	91.3	91.6	91.8
IV 1500		52.0	60.1	68.1	74.9	77.9	83.7	86.8	87.6	89.5	91.3	92.3	92.9	93.3	93.4	93.5
IV 1200		52.2	60.4	68.6	75.6	78.9	84.8	87.9	88.8	90.8	92.6	93.5	94.3	94.7	94.7	94.9
IV 1000		52.3	60.5	69.0	76.2	79.4	85.4	88.6	89.5	91.6	93.5	94.5	95.4	95.7	95.8	96.0
IV 900		52.3	60.5	69.0	76.2	79.4	85.4	88.7	89.6	91.7	93.6	94.7	95.5	95.9	96.0	96.2
IV 800		52.3	60.5	69.0	76.2	79.6	85.5	88.9	89.8	92.0	93.9	95.0	95.8	96.3	96.3	96.5
IV 700		52.3	60.5	69.0	76.3	79.8	85.5	88.9	89.8	92.0	94.0	95.2	96.0	96.5	96.6	96.7
IV 600		52.3	60.5	69.0	76.4	79.6	85.6	89.0	90.0	92.3	94.3	95.3	96.3	96.8	96.9	97.0
IV 500		52.3	60.5	69.0	76.5	79.7	85.7	89.1	90.1	92.4	94.4	95.4	96.4	97.4	97.9	97.6
IV 400		52.3	60.5	69.0	76.5	79.7	85.7	89.1	90.1	92.5	94.7	95.7	96.7	97.8	97.9	98.1
IV 300		52.3	60.5	69.0	76.5	79.7	85.7	89.1	90.1	92.6	94.9	96.3	97.4	98.1	98.2	98.4
IV 200		52.3	60.5	69.0	76.5	79.7	85.7	89.1	90.1	92.6	94.9	96.3	97.4	98.1	98.2	98.4
IV 100		52.3	60.5	69.0	76.5	79.7	85.7	89.1	90.1	92.6	94.9	96.3	97.4	98.1	98.2	98.4
IV 0		52.3	60.5	69.0	76.5	79.7	85.7	89.1	90.1	92.6	94.9	96.3	97.4	98.1	98.2	98.4

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

4670

YEARS

361

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2106-2302

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING		25.8	29.9	34.1	37.3	39.1	41.4	42.6	43.1	44.2	45.1	45.4	45.7	45.9	46.0	46.2
IV 20000		27.7	31.8	36.3	39.6	41.3	44.0	45.2	45.8	47.0	47.9	48.3	48.6	48.8	48.9	49.0
IV 18000		27.7	31.8	36.3	39.6	41.3	44.0	45.2	45.8	47.0	47.9	48.3	48.6	48.8	48.9	49.0
IV 16000		27.7	31.8	36.4	39.7	41.4	44.1	45.3	45.9	47.1	48.0	48.3	48.6	48.9	48.9	49.1
IV 14000		27.8	32.0	36.6	39.9	41.6	44.4	45.6	46.2	47.4	48.3	48.6	48.9	49.1	49.2	49.4
IV 12000		28.6	32.8	37.4	40.8	42.5	45.4	46.6	47.2	48.6	49.5	49.8	50.1	50.3	50.4	50.6
IV 10000		30.2	34.4	39.3	42.8	44.7	47.6	48.9	49.5	50.9	51.8	52.2	52.5	52.7	52.8	53.0
IV 9000		31.0	35.3	40.3	44.0	45.9	48.6	50.1	50.8	52.2	53.2	53.6	53.9	54.2	54.3	54.5
IV 8000		33.8	38.5	43.8	47.6	49.2	53.0	54.3	55.0	56.6	57.7	58.0	58.4	58.6	58.7	58.9
IV 7000		35.8	41.1	46.5	50.7	52.9	56.3	57.5	58.3	59.9	61.1	61.4	61.9	62.1	62.2	62.5
IV 6000		37.8	43.2	48.9	53.3	55.7	59.2	60.4	61.2	62.9	64.0	64.4	65.0	65.3	65.3	65.6
IV 5000		40.1	46.0	51.7	56.3	58.8	62.4	63.7	64.4	66.3	67.4	67.8	68.4	68.7	68.8	69.0
IV 4500		41.3	47.5	53.6	58.3	60.9	64.5	65.8	66.5	68.5	69.7	70.1	70.7	71.0	71.1	71.3
IV 4000		43.4	50.2	57.0	62.1	65.0	68.8	70.3	71.0	73.0	74.4	74.8	75.4	75.7	75.8	76.0
IV 3500		45.6	53.0	60.2	65.5	68.4	72.4	73.8	74.6	76.7	78.1	78.5	79.2	79.5	79.6	79.8
IV 3000		48.0	56.4	63.8	69.3	72.2	76.3	77.9	78.6	80.7	82.2	82.6	83.3	83.6	83.7	83.9
IV 2500		50.2	58.8	66.6	72.1	75.1	79.2	80.9	81.7	83.7	85.2	85.7	86.4	86.8	86.8	87.1
IV 2000		51.6	60.5	68.5	74.3	77.3	81.6	83.3	84.0	86.1	87.7	88.2	89.0	89.3	89.3	89.6
IV 1800		52.1	61.0	69.4	75.2	78.3	82.7	84.4	85.3	87.4	89.0	89.5	90.2	90.5	90.6	90.9
IV 1500		52.4	61.5	70.0	76.2	79.5	84.1	85.9	86.8	89.0	90.6	91.2	91.9	92.2	92.3	92.5
IV 1200		52.7	61.9	70.5	76.7	80.0	84.9	86.7	87.6	89.8	91.4	92.0	92.7	93.0	93.1	93.4
IV 1000		52.8	62.2	71.0	77.3	80.7	85.6	87.5	88.3	90.7	92.4	93.1	93.8	94.1	94.2	94.5
IV 900		52.8	62.2	71.0	77.3	80.8	85.7	87.5	88.4	90.9	92.6	93.2	94.0	94.3	94.4	94.6
IV 800		52.8	62.2	71.0	77.3	80.9	85.8	87.8	88.6	91.0	92.8	93.4	94.1	94.3	94.6	94.8
IV 700		52.8	62.2	71.0	77.3	81.1	86.1	88.2	89.2	91.4	93.3	93.9	94.6	94.9	95.0	95.3
IV 600		52.8	62.2	71.1	77.6	81.1	86.2	88.3	89.3	91.6	93.5	94.1	94.8	95.1	95.3	95.5
IV 500		52.8	62.2	71.1	77.7	81.2	86.4	88.5	89.5	91.8	93.7	94.4	95.1	95.4	95.7	95.9
IV 400		52.8	62.2	71.1	77.7	81.3	86.4	88.6	89.7	92.1	94.0	94.7	95.4	95.7	96.0	96.3
IV 300		52.8	62.2	71.1	77.7	81.3	86.4	88.6	89.7	92.1	94.1	94.8	95.5	95.8	96.1	96.4
IV 200		52.8	62.2	71.1	77.7	81.3	86.4	88.6	89.7	92.1	94.1	94.8	95.5	95.8	96.1	96.4
IV 100		52.8	62.2	71.1	77.7	81.3	86.4	88.6	89.7	92.1	94.1	94.8	95.5	95.8	96.1	96.4
IV 0		52.8	62.2	71.1	77.7	81.3	86.4	88.6	89.7	92.1	94.2	94.9	95.6	95.9	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2317

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

3CV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2000-0200

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥0
NO CEILING ≥ 20000	15.4	16.6	19.5	21.4	22.2	23.0	24.3	24.6	25.2	25.7	25.7	25.8	26.0	26.0	26.0
IV 18000	16.6	18.1	21.2	23.4	24.9	25.8	26.8	27.2	27.8	28.4	28.5	28.6	28.8	28.8	28.9
IV 16000	16.6	18.1	21.2	23.4	24.4	25.9	26.9	27.2	27.8	28.5	28.5	28.6	28.8	28.8	28.9
IV 14000	16.6	18.1	21.3	23.5	24.5	26.2	27.3	27.6	28.2	28.9	28.9	29.0	29.2	29.2	29.3
IV 12000	16.9	18.5	21.6	23.8	24.8	26.6	27.7	28.1	28.7	29.3	29.4	29.5	29.7	29.7	29.7
IV 10000	17.8	19.5	22.8	25.1	26.3	28.3	29.5	30.1	30.8	31.4	31.5	31.7	31.8	31.9	31.9
IV 9000	18.2	19.8	23.4	25.9	27.2	29.3	30.9	31.6	32.1	32.8	32.8	33.0	33.2	33.2	33.2
IV 8000	19.7	21.3	25.4	28.3	29.8	32.2	33.7	34.4	35.3	36.1	36.1	36.3	36.5	36.5	36.6
IV 7000	21.0	22.0	27.3	30.4	32.0	34.6	36.2	37.0	37.9	38.7	38.7	39.0	39.2	39.2	39.3
IV 6000	22.6	24.8	29.3	32.9	34.9	37.3	39.0	39.8	40.7	41.7	41.3	42.0	42.2	42.2	42.3
IV 5000	24.6	27.1	31.9	35.7	37.4	40.2	42.0	42.9	43.8	44.5	44.9	45.1	45.4	45.4	45.5
IV 4500	26.0	29.3	34.5	38.5	40.8	43.8	45.5	46.4	47.4	48.5	48.5	48.7	49.0	49.0	49.2
IV 4000	27.7	31.0	36.8	41.0	43.4	46.3	48.3	49.4	50.4	51.7	51.7	51.9	52.3	52.3	52.3
IV 3500	30.1	33.6	39.8	44.2	46.6	50.0	51.9	52.0	54.2	55.5	55.5	55.8	56.2	56.2	56.3
IV 3000	32.4	36.4	42.8	47.4	49.9	53.6	55.7	56.7	58.2	59.5	59.5	60.0	60.4	60.4	60.6
IV 2500	36.3	41.0	48.0	53.1	55.8	59.8	62.2	63.3	64.9	66.3	66.3	66.7	67.1	67.1	67.4
IV 2000	40.2	45.6	53.8	59.3	62.4	66.9	69.4	70.6	72.3	73.3	73.3	73.9	74.7	74.7	75.0
IV 1800	40.8	46.5	55.0	60.7	64.0	68.6	71.1	72.3	74.2	75.6	75.7	76.2	76.6	76.6	76.8
IV 1500	42.7	49.0	57.8	64.4	68.1	72.9	75.8	76.9	78.9	80.6	80.7	81.2	81.6	81.6	81.9
IV 1200	43.2	49.7	59.0	65.8	69.6	73.0	77.9	79.3	81.7	83.4	83.5	84.0	84.4	84.4	84.7
IV 1000	43.6	50.5	60.3	67.4	71.5	77.1	80.2	81.9	84.3	86.0	86.2	86.7	87.1	87.1	87.5
IV 900	43.9	50.9	60.7	67.9	72.3	77.9	81.0	82.7	85.1	86.8	87.0	87.2	87.8	87.8	88.6
IV 800	44.2	51.2	61.0	68.3	72.9	78.6	81.9	83.7	86.4	88.4	88.6	89.2	89.6	89.6	90.0
IV 700	44.2	51.2	61.0	68.3	73.0	78.8	82.3	84.1	87.0	89.5	89.3	89.9	90.4	90.4	90.7
IV 600	44.2	51.3	61.0	68.5	73.2	79.2	82.7	84.6	87.7	89.9	90.3	90.8	91.2	91.2	91.6
IV 500	44.2	51.3	61.0	68.6	73.3	79.4	83.0	84.9	88.3	90.9	91.3	91.8	92.0	92.7	93.0
IV 400	44.2	51.3	61.0	68.6	73.3	79.5	83.1	85.0	88.5	91.5	91.8	92.7	92.6	93.5	94.0
IV 300	44.2	51.3	61.0	68.6	73.3	79.5	83.1	85.0	89.3	92.2	93.0	93.9	94.8	95.0	95.6
IV 200	44.2	51.3	61.0	68.6	73.3	79.5	83.1	85.0	89.5	92.3	93.4	94.4	95.7	95.9	97.0
IV 100	44.2	51.3	61.0	68.6	73.3	79.5	83.1	85.0	89.6	92.5	93.6	94.6	95.8	96.0	97.3
IV 0	44.2	51.3	61.0	68.6	73.3	79.5	83.1	85.0	89.6	92.7	93.6	94.7	96.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE, MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1300-0300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22.5	22	21.5	21.4	21	20.5	20.4	20	20.5	24	20
NO CEILING ≥ 20000	12.3	14.2	16.3	18.9	19.6	21.1	21.3	22.0	22.5	23.0	23.1	23.2	23.4	23.4	24.0	
IV 18000	13.2	15.2	17.9	20.1	20.8	22.3	23.2	23.6	24.0	24.5	24.6	24.7	24.9	25.0	25.2	25.3
IV 15000	13.3	15.4	18.1	20.3	21.0	22.5	23.5	23.7	24.3	24.7	24.9	25.0	25.2	25.3	25.5	
IV 14000	13.5	15.7	18.4	20.7	21.4	23.0	24.0	24.2	24.9	25.4	25.5	25.6	25.8	25.8	26.4	
IV 12000	14.1	16.2	18.9	21.2	21.9	23.5	24.5	24.8	25.5	26.0	26.1	26.2	26.4	26.5	27.0	
IV 10000	14.6	16.7	19.4	21.9	22.7	24.4	25.3	25.8	26.7	27.1	27.3	27.4	27.6	27.6	28.2	
IV 9000	15.5	17.6	20.7	23.3	24.2	26.1	27.2	27.6	28.5	29.0	29.1	29.2	29.4	29.5	30.0	
IV 8000	16.4	19.0	22.5	25.1	26.4	28.6	29.9	30.4	31.4	31.9	32.0	32.1	32.4	32.4	33.0	
IV 7000	18.2	20.7	24.6	27.7	29.1	31.5	32.8	33.4	34.5	35.0	35.2	35.3	35.5	35.6	36.1	
IV 6000	19.2	21.7	25.8	29.1	30.7	33.2	34.5	35.2	36.3	36.9	37.1	37.3	37.5	37.5	38.1	
IV 5000	21.8	24.3	28.9	32.4	34.2	36.9	38.2	39.1	40.3	41.0	41.1	41.4	41.6	41.7	42.2	
IV 4500	23.5	26.2	30.5	34.4	36.3	39.3	41.3	41.8	43.2	43.9	44.0	44.2	44.3	44.3	45.1	
IV 4000	25.3	28.2	33.6	37.5	39.5	42.8	44.5	45.1	46.5	47.2	47.4	47.5	47.9	48.0	48.6	
IV 3500	27.2	30.4	36.1	39.8	42.1	45.5	47.2	47.9	49.4	50.3	50.4	50.7	51.0	51.0	51.6	
IV 3000	33.9	33.5	39.2	43.4	45.8	49.4	51.2	51.8	53.3	54.4	54.5	54.9	55.4	55.4	56.1	
IV 2500	33.9	37.7	44.2	49.2	51.6	55.3	57.4	58.1	60.1	61.0	61.1	61.5	62.0	62.0	62.7	
IV 2000	37.8	42.2	49.7	55.3	58.0	62.0	64.6	65.4	67.8	68.3	68.9	69.4	70.0	70.0	70.7	
IV 1800	38.8	43.2	50.9	56.7	59.6	63.8	66.3	67.3	69.8	70.9	71.0	71.5	72.1	72.2	72.9	
IV 1500	41.6	46.7	53.0	61.1	63.4	68.8	71.7	72.8	75.3	76.8	77.0	77.5	78.2	78.2	78.9	
IV 1200	42.7	48.0	56.9	63.4	67.2	72.0	75.0	76.4	79.1	80.6	80.7	81.3	82.0	82.0	82.7	
IV 1000	43.1	48.5	58.2	64.9	69.0	73.9	77.0	78.4	81.3	83.0	83.1	83.6	84.3	84.3	85.2	
IV 900	43.2	48.9	58.5	65.3	69.6	74.6	77.9	79.3	82.3	84.0	84.2	84.7	85.6	85.6	86.3	
IV 800	43.3	49.1	58.6	65.9	70.2	75.4	79.0	80.5	83.6	85.5	85.7	86.2	87.2	87.2	87.9	
IV 700	43.3	49.2	58.9	66.3	70.7	76.2	79.7	81.4	84.6	86.6	86.8	87.4	88.4	88.4	89.2	
IV 600	43.4	49.3	59.0	66.6	71.0	76.9	80.3	82.0	85.2	87.3	87.4	88.1	89.2	89.2	90.0	
IV 500	43.4	49.3	59.0	66.7	71.1	76.9	80.7	82.3	86.1	88.2	88.4	89.2	90.2	90.2	91.0	
IV 400	43.4	49.3	59.1	66.8	71.3	77.0	80.9	83.0	86.6	88.9	89.0	90.0	91.1	91.2	92.0	
IV 300	43.4	49.3	59.1	66.8	71.3	77.0	81.1	83.2	87.1	89.5	90.1	91.1	92.1	92.9	93.7	
IV 200	43.4	49.3	59.1	66.8	71.3	77.0	81.1	83.4	87.3	90.0	90.3	91.4	93.4	93.8	95.1	
IV 100	43.4	49.3	59.1	66.8	71.3	77.0	81.1	83.4	87.3	90.0	90.4	91.5	93.5	93.8	95.4	
IV 0	43.4	49.3	59.1	66.8	71.3	77.0	81.1	83.4	87.3	90.0	90.0	91.6	93.9	94.7	100.0	

TOTAL NUMBER OF OBSERVATIONS. 2244

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33010
 STATION

RIESBADEN AB GERMANY

46-70

YEAR

1954

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6600-0882
 FORM 11-57

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5	
NO CEILING																	
≥ 20000		9.4	10.7	12.5	13.4	13.9	15.1	15.6	15.9	16.4	16.8	17.0	17.1	17.4	17.5	17.9	
IV ≥ 18000		10.6	12.8	14.3	15.2	15.8	17.0	17.7	18.1	18.6	19.1	19.2	19.4	19.6	19.7	20.2	
IV 14000		10.6	12.4	14.3	15.2	15.9	17.1	17.9	18.2	18.8	19.2	19.4	19.6	19.8	19.9	20.4	
IV 12000		11.1	12.7	15.0	16.0	16.8	18.0	18.5	19.2	19.8	20.3	20.5	20.7	20.9	21.4	21.5	
IV 10000		11.7	13.5	16.0	17.0	17.8	19.1	19.9	20.3	21.0	21.5	21.8	22.0	22.3	22.4	22.8	
IV 9000		12.6	14.3	16.9	17.9	18.8	20.4	21.3	21.7	22.3	22.9	23.2	23.5	23.7	23.8	24.3	
IV 8000		13.4	15.3	18.2	19.3	20.3	22.4	23.3	23.8	24.5	25.2	25.4	25.9	26.1	26.2	26.7	
IV 7000		14.9	16.9	20.0	21.4	22.4	24.6	25.5	26.3	27.0	27.7	28.0	28.5	28.8	28.9	29.4	
IV 6000		16.3	18.4	21.5	23.2	24.3	26.9	27.8	28.6	29.7	30.3	30.8	31.3	31.5	31.6	32.1	
IV 5000		18.1	20.6	24.1	26.1	27.7	30.4	31.7	32.6	33.3	34.2	34.6	35.0	35.4	35.4	36.0	
IV 4500		19.0	21.5	25.3	27.6	29.4	32.2	33.9	34.6	35.7	36.6	37.0	37.5	37.8	37.9	38.4	
IV 4000		21.0	23.9	28.2	30.7	32.5	35.6	37.4	38.2	39.6	40.3	40.7	41.2	41.3	41.0	42.1	
IV 3500		22.4	25.6	30.2	33.1	35.1	38.2	40.3	41.1	42.3	43.6	43.9	44.4	44.9	45.0	45.5	
IV 3000		25.2	28.9	33.9	37.4	39.4	42.9	45.1	45.9	47.2	48.6	48.9	49.5	49.9	50.0	50.6	
IV 2500		28.9	32.9	38.3	42.7	45.0	48.8	51.3	52.3	53.8	55.3	55.7	56.2	56.7	56.9	57.4	
IV 2000		31.3	35.4	41.4	45.7	52.5	57.1	60.3	61.4	63.3	65.0	65.3	65.9	66.5	66.6	67.2	
IV 1800		34.3	39.5	46.1	51.5	54.5	59.0	62.3	63.4	65.3	67.1	67.4	68.0	68.6	68.7	69.3	
IV 1500		36.6	42.5	49.2	55.3	58.5	63.5	67.4	68.5	71.0	72.1	72.5	74.2	74.3	74.9	75.6	
IV 1200		37.7	44.0	51.4	58.1	61.5	67.1	71.1	72.6	74.9	77.1	77.5	78.3	79.1	79.3	79.9	
IV 1000		37.9	44.6	52.4	59.3	63.1	69.1	73.3	74.7	77.5	80.0	80.5	81.3	82.3	82.4	83.1	
IV 900		38.0	44.8	52.6	59.9	63.7	69.8	74.2	75.6	78.5	81.0	81.7	82.5	83.6	83.7	84.4	
IV 800		38.2	45.1	53.0	60.6	64.5	70.7	75.4	76.8	79.7	82.2	83.0	84.0	85.1	85.2	86.0	
IV 700		38.2	45.1	53.2	60.9	64.9	71.2	76.0	77.4	80.4	82.9	83.7	84.7	85.8	86.4	87.3	
IV 600		38.2	45.1	53.2	61.0	65.0	71.4	76.2	77.7	80.9	83.4	84.2	85.3	86.4	87.0	88.0	
IV 500		38.2	45.1	53.2	61.1	65.1	71.5	76.3	77.8	81.1	83.6	84.4	85.5	86.6	87.2	88.2	
IV 400		38.3	45.1	53.3	61.2	65.3	71.6	76.4	77.9	81.2	83.7	84.5	85.6	86.7	87.3	88.3	
IV 300		38.3	45.1	53.3	61.3	65.4	71.7	76.5	78.0	81.3	83.8	84.6	85.7	86.8	87.4	88.4	
IV 200		38.3	45.1	53.3	61.3	65.4	71.7	76.5	78.0	81.3	83.8	84.6	85.7	86.8	87.4	88.4	
IV 100		38.3	45.1	53.3	61.3	65.4	71.7	76.5	78.0	81.3	83.8	84.6	85.7	86.8	87.4	88.4	
IV 0		38.3	45.1	53.3	61.3	65.4	71.7	76.5	78.0	81.3	83.8	84.6	85.7	86.8	87.4	88.4	

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEAT-24 SERVICE/44C

CEILING VERSUS VISIBILITY

35010 WESBADEN AB GERMANY
STATION STATION NAME

4079
FAK

ACV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
DATE

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING		6.8	7.8	9.0	9.8	10.4	11.3	11.9	12.1	12.7	13.1	13.2	13.5	13.5	13.5	14.0
IV 20000		8.6	10.0	11.6	12.6	13.4	14.5	15.3	15.8	16.7	17.2	17.3	17.8	18.0	18.0	18.6
IV 18000		8.7	10.1	11.8	12.8	13.6	14.7	15.7	15.9	17.0	17.5	17.7	18.1	18.2	18.3	18.9
IV 16000		8.7	10.1	11.8	12.9	13.7	14.7	15.8	16.0	17.1	17.6	17.9	18.2	18.4	18.4	19.0
IV 14000		8.9	10.4	12.2	13.3	14.2	15.2	16.3	16.6	17.6	18.2	18.4	18.6	18.9	19.0	19.6
IV 12000		9.0	10.6	12.5	13.7	14.7	15.9	16.9	17.2	18.5	18.9	19.2	19.6	19.7	19.8	20.4
IV 10000		10.2	11.8	13.9	15.2	16.3	17.7	18.8	19.2	20.3	21.0	21.4	21.9	22.1	22.2	22.8
IV 9000		10.8	12.5	14.6	16.0	17.1	18.7	19.9	20.2	21.3	22.1	22.5	23.0	23.3	23.3	24.0
IV 8000		12.0	14.1	16.6	18.3	19.6	21.3	22.9	23.4	24.7	25.6	26.1	26.7	27.0	27.0	27.7
IV 7000		12.7	15.0	17.5	19.2	20.5	22.6	24.4	24.9	26.3	27.2	27.8	28.4	28.7	28.7	29.4
IV 6000		13.7	16.1	18.8	20.6	22.2	24.1	26.1	26.8	28.3	29.4	29.9	30.6	31.0	31.0	31.7
IV 5000		15.0	17.8	20.8	23.0	25.0	27.1	29.4	30.0	31.8	32.9	33.4	34.1	34.5	34.6	35.2
IV 4500		16.0	18.9	22.0	25.0	27.0	29.4	31.7	32.4	34.3	35.3	36.2	36.9	37.3	37.4	38.1
IV 4000		17.6	20.6	24.2	27.3	29.3	32.1	34.7	35.5	37.5	38.9	39.6	40.5	40.8	40.9	41.6
IV 3500		18.8	22.0	25.9	29.3	31.6	34.4	37.3	38.1	40.3	41.7	42.3	43.4	43.7	43.8	44.7
IV 3000		21.7	25.0	30.2	34.0	36.6	39.7	42.7	43.6	45.9	47.6	48.4	49.3	49.7	49.8	50.6
IV 2500		25.0	29.3	34.8	39.0	41.8	45.4	48.9	50.0	52.6	54.5	55.5	56.6	56.9	57.0	57.9
IV 2000		28.2	33.7	40.1	44.9	48.4	52.6	56.3	57.6	60.6	63.0	64.0	65.3	65.7	65.8	66.6
IV 1800		28.6	34.8	41.1	46.2	49.9	54.3	58.2	59.6	62.8	65.2	66.2	67.6	68.1	68.2	69.0
IV 1500		29.6	35.8	42.2	47.4	51.6	55.7	59.9	61.3	64.6	67.0	68.0	69.4	69.9	70.0	70.8
IV 1200		30.0	36.4	44.4	51.6	55.9	61.2	66.1	68.0	71.8	74.7	75.9	77.3	78.2	78.3	79.3
IV 1000		30.3	36.7	45.2	53.2	57.8	63.5	68.9	70.9	75.2	78.4	79.7	81.6	82.4	82.6	83.6
IV 900		30.3	36.7	45.3	53.5	58.1	64.0	69.5	71.5	75.9	79.4	80.8	82.8	83.5	83.7	84.7
IV 800		30.3	36.9	45.6	54.0	58.8	64.9	70.6	72.6	77.2	80.8	82.3	84.4	85.2	85.3	86.4
IV 700		30.3	36.9	45.8	54.3	59.1	65.3	71.2	73.3	78.0	81.7	83.3	85.3	86.2	86.4	87.6
IV 600		30.4	36.9	45.8	54.3	59.2	65.5	71.4	73.6	78.4	82.4	84.2	86.3	87.4	87.6	88.7
IV 500		30.4	36.9	45.7	54.4	59.3	65.7	71.8	74.0	78.9	83.1	84.9	87.0	88.1	88.3	89.5
IV 400		30.4	36.9	45.7	54.4	59.3	65.8	71.9	74.1	79.0	83.2	85.0	87.1	88.2	88.4	89.6
IV 300		30.4	36.9	45.7	54.4	59.3	65.8	71.9	74.1	79.0	83.2	85.0	87.1	88.2	88.4	89.6
IV 200		30.4	36.9	45.7	54.4	59.3	65.8	71.9	74.1	79.0	83.2	85.0	87.1	88.2	88.4	89.6
IV 100		30.4	36.9	45.7	54.4	59.3	65.8	71.9	74.1	79.0	83.2	85.0	87.1	88.2	88.4	89.6
IV 0		30.4	36.9	45.7	54.4	59.3	65.8	71.9	74.1	79.0	83.2	85.0	87.1	88.2	88.4	89.6

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

YEARS

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS 4-511

CEILING (FEET)	VISIBILITY - STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000		7.7	8.6	9.8	11.2	12.0	12.9	13.4	13.8	14.4	14.8	14.9	15.1	15.2	15.2	15.2
IV 18000		9.8	10.9	12.5	14.7	15.5	16.9	17.7	18.4	19.3	19.8	20.0	20.2	20.3	20.3	20.4
IV 16000		9.8	11.0	12.7	14.6	15.7	17.1	17.9	18.7	19.7	20.2	20.4	20.6	20.7	20.7	20.9
IV 14000		10.0	11.1	12.9	13.0	15.9	17.3	18.2	19.0	19.9	20.4	20.6	20.8	20.9	21.0	21.1
IV 12000		10.6	11.8	13.7	15.9	17.0	18.5	19.5	20.3	21.3	21.8	22.0	22.4	22.5	22.6	22.7
IV 10000		11.4	12.6	14.6	16.9	18.3	19.9	21.1	21.9	22.9	23.4	23.7	24.2	24.3	24.4	24.4
IV 9000		12.3	13.8	15.9	18.4	19.9	21.5	22.8	23.6	24.7	25.3	25.6	26.1	26.2	26.3	26.4
IV 8000		13.2	14.9	17.1	20.2	21.7	23.7	25.2	26.0	27.2	27.8	28.2	28.6	28.8	28.8	28.9
IV 7000		14.1	15.9	18.4	21.6	23.3	25.6	27.2	28.2	29.4	30.1	30.6	31.0	31.2	31.2	31.3
IV 6000		15.5	17.4	20.0	23.3	25.2	27.7	29.4	30.5	32.0	32.8	33.2	33.7	33.9	34.0	34.1
IV 5000		17.2	19.4	22.5	26.0	28.0	30.7	32.5	33.7	35.2	36.1	36.6	37.1	37.3	37.4	37.5
IV 4500		18.7	20.5	23.8	27.6	29.7	32.4	34.2	35.4	36.9	37.9	38.5	39.0	39.2	39.3	39.4
IV 4000		20.0	22.5	26.0	30.1	32.2	35.2	37.2	38.4	40.1	41.1	41.7	42.3	42.4	42.5	42.7
IV 3500		22.0	24.7	28.8	33.1	35.5	38.9	41.1	42.4	44.3	45.4	46.0	46.6	46.8	46.9	47.1
IV 3000		26.0	29.1	34.2	39.2	41.6	45.1	47.6	48.9	51.2	52.5	53.2	53.8	54.0	54.1	54.3
IV 2500		30.8	34.6	40.5	46.1	48.7	53.3	56.0	56.5	59.2	60.6	61.4	62.1	62.3	62.4	62.6
IV 2000		34.3	39.0	46.4	52.5	55.5	59.9	62.6	63.2	67.3	69.2	70.3	71.0	71.2	71.3	71.5
IV 1800		35.1	40.0	47.3	54.2	57.3	61.8	64.6	65.3	69.5	71.5	72.5	73.3	73.5	73.6	73.7
IV 1500		37.0	42.7	51.2	58.4	61.8	67.0	70.3	72.1	73.6	77.7	78.9	79.8	80.0	80.1	80.2
IV 1200		37.4	43.3	52.0	60.0	63.3	69.2	73.0	74.8	78.3	80.8	82.1	83.2	83.4	83.5	83.7
IV 1000		37.8	43.9	53.0	61.4	65.2	71.8	76.0	78.0	82.0	84.6	86.1	87.3	87.6	87.7	87.8
IV 900		37.9	44.0	53.1	61.4	65.3	72.0	76.3	78.3	82.4	85.1	86.6	87.8	88.2	88.2	88.4
IV 800		38.0	44.1	53.3	61.6	65.9	72.3	77.3	79.5	82.7	86.8	88.2	89.5	89.9	90.0	90.2
IV 700		38.0	44.1	53.3	61.9	66.0	73.0	77.8	79.8	84.2	87.3	89.0	90.3	90.8	90.9	91.1
IV 600		38.0	44.1	53.3	61.9	66.2	73.2	77.9	80.2	84.7	88.1	90.0	91.3	91.9	91.9	92.2
IV 500		38.0	44.1	53.4	62.0	66.4	73.4	78.1	80.6	85.2	88.9	90.9	92.6	93.1	93.4	93.7
IV 400		38.0	44.2	53.4	62.0	66.4	73.4	78.1	80.6	85.6	89.5	91.8	94.0	95.1	95.1	95.5
IV 300		38.0	44.2	53.4	62.0	66.4	73.4	78.1	80.6	85.6	89.8	92.2	94.9	96.3	96.6	97.3
IV 200		38.0	44.2	53.4	62.0	66.4	73.4	78.1	80.6	85.6	89.9	92.4	95.1	96.8	97.1	98.8
IV 100		38.0	44.2	53.4	62.0	66.4	73.4	78.1	80.6	85.6	89.9	92.4	95.1	96.8	97.2	99.4
IV 0		38.0	44.2	53.4	62.0	66.4	73.4	78.1	80.6	85.6	89.9	92.5	95.2	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 NIESBADEN AB GERMANY
STATION STATION NAME

46-70

YEAR

1957

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0	≥ 0
NO CEILING																
≥ 20000	10.2	11.4	12.8	13.9	14.4	15.4	15.8	16.0	16.5	16.9	16.9	17.1	17.3	17.4	17.5	
IV 18000	13.1	14.9	16.5	18.5	19.1	20.7	21.2	21.6	22.4	23.1	23.3	23.7	23.9	24.0	24.1	
IV 16000	13.2	15.1	16.9	18.8	19.5	21.1	21.7	22.1	22.9	23.6	23.8	24.2	24.4	24.5	24.6	
IV 14000	13.3	15.2	17.0	18.9	19.6	21.2	21.8	22.2	23.0	23.7	23.9	24.3	24.5	24.6	24.7	
IV 12000	13.6	15.4	17.3	19.2	19.9	21.5	22.1	22.5	23.3	24.0	24.2	24.6	24.8	24.9	25.1	
IV 10000	14.5	16.3	18.3	20.4	21.1	22.7	23.3	23.7	24.5	25.4	25.6	26.0	26.2	26.3	26.4	
IV 9000	15.2	17.2	19.4	21.5	22.7	24.5	25.2	25.6	26.6	27.3	27.7	28.1	28.3	28.4	28.5	
IV 8000	15.1	18.2	20.7	23.3	24.2	26.1	26.8	27.3	28.3	29.2	29.4	29.8	30.0	30.1	30.2	
IV 7000	17.7	20.0	22.7	25.8	27.0	29.3	30.3	30.8	32.1	33.1	33.3	33.7	34.0	34.1	34.3	
IV 6000	18.6	21.1	23.9	27.2	28.5	30.9	32.1	32.7	34.2	35.2	35.5	36.0	36.3	36.4	36.5	
IV 5000	20.0	22.5	25.6	29.0	30.4	33.2	34.7	35.3	36.8	37.9	38.3	38.8	39.1	39.2	39.3	
IV 4500	21.8	24.5	27.7	31.6	33.1	36.0	37.6	38.3	39.9	41.1	41.5	42.0	42.3	42.4	42.6	
IV 4000	23.3	26.1	29.6	33.5	35.1	38.1	39.9	40.5	42.1	43.4	43.8	44.3	44.6	44.7	44.9	
IV 3500	25.8	28.9	32.7	36.6	38.6	41.9	43.7	44.4	46.0	47.2	47.7	48.3	48.6	48.6	49.0	
IV 3000	28.3	31.7	36.0	40.3	42.3	45.8	47.9	48.6	50.2	51.5	52.1	52.7	53.1	53.2	53.3	
IV 2500	31.6	35.3	40.2	45.0	47.1	50.8	53.2	54.0	55.7	57.2	57.8	58.4	58.9	59.0	59.1	
IV 2000	35.3	40.2	46.1	51.5	53.8	58.0	60.4	61.3	63.2	64.8	65.4	66.2	66.8	66.9	67.0	
IV 1800	38.2	44.2	51.2	57.4	59.9	64.5	67.3	68.5	70.6	72.3	73.0	73.8	74.6	74.7	74.8	
IV 1500	38.8	45.1	52.5	59.0	61.6	66.4	69.3	70.5	72.7	74.4	75.1	76.0	76.7	76.8	76.9	
IV 1200	39.8	46.8	54.6	62.3	65.6	71.0	74.2	75.6	78.0	79.9	80.6	81.5	82.2	82.3	82.5	
IV 1000	40.2	47.4	55.6	63.7	67.5	73.7	77.3	79.2	81.8	83.9	84.5	85.6	86.6	86.7	86.8	
IV 900	40.5	47.8	56.3	64.5	68.6	75.3	79.3	81.4	84.6	86.9	87.6	88.8	89.8	89.9	90.1	
IV 800	40.6	47.8	56.3	64.7	69.0	75.9	80.0	82.3	85.5	88.0	88.8	89.9	91.1	91.2	91.3	
IV 700	40.6	47.8	56.3	64.7	69.0	76.0	80.2	82.7	86.3	89.1	90.1	91.3	92.6	92.7	92.9	
IV 600	40.6	47.8	56.3	64.7	69.0	76.2	80.5	83.1	86.7	89.5	90.8	92.0	93.5	93.6	93.8	
IV 500	40.7	47.9	56.4	64.8	69.1	76.3	80.7	83.4	87.1	90.1	91.7	93.0	94.6	94.7	95.0	
IV 400	40.7	47.9	56.4	64.8	69.1	76.3	80.7	83.5	87.3	90.3	92.1	93.5	95.5	95.6	96.0	
IV 300	40.7	47.9	56.4	64.9	69.1	76.4	80.8	83.6	87.3	90.6	92.4	94.1	96.4	96.5	97.3	
IV 200	40.7	47.9	56.4	64.9	69.1	76.4	80.8	83.6	87.3	90.6	92.4	94.3	97.0	97.1	97.8	
IV 100	40.7	47.9	56.4	64.9	69.1	76.4	80.8	83.6	87.3	90.6	92.4	94.3	97.0	97.1	97.8	
IV 0	40.7	47.9	56.4	64.9	69.1	76.4	80.8	83.6	87.3	90.7	92.6	94.5	97.1	97.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 2242

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 STRIESBADEN AB GERMANY

46-70

YEAR

1957

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 LOCAL TIME

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥5/16	≥.4	≥0
NO CEILING		14.0	16.1	17.4	19.5	19.9	20.8	22.0	22.5	23.4	23.7	23.8	23.9	24.0	24.0	24.0
≥ 20000		16.0	18.7	20.2	22.8	23.4	24.5	25.9	26.5	27.5	28.0	28.3	28.4	28.5	28.5	28.5
IV 18000		16.3	19.1	20.6	23.3	23.9	25.0	26.4	27.0	28.1	28.6	28.9	28.9	29.0	29.0	29.1
IV 16000		16.4	19.1	20.7	23.3	24.0	25.1	26.5	27.1	28.2	28.7	28.9	29.0	29.1	29.1	29.2
IV 14000		16.5	19.3	21.0	23.7	24.4	25.3	26.9	27.6	28.7	29.2	29.4	29.5	29.6	29.6	29.7
IV 12000		17.1	19.9	21.6	24.4	25.0	26.1	27.5	28.2	29.3	29.8	30.1	30.1	30.2	30.2	30.3
IV 10000		18.1	21.0	23.1	26.0	26.6	27.9	29.5	30.2	31.4	31.9	32.2	32.3	32.4	32.4	32.4
IV 9000		18.6	21.7	23.9	26.8	27.6	28.9	30.5	31.3	32.5	33.0	33.3	33.3	33.4	33.4	33.5
IV 8000		19.9	23.1	25.0	29.0	29.9	31.6	33.3	34.2	35.3	36.1	36.3	36.3	36.5	36.5	36.6
IV 7000		21.1	23.4	27.0	30.9	31.9	33.7	35.7	36.7	38.0	38.6	39.0	39.1	39.2	39.2	39.3
IV 6000		23.3	26.8	30.1	34.1	35.2	37.2	39.3	40.2	41.7	42.3	42.7	42.8	42.9	42.9	43.0
IV 5000		25.1	29.0	32.5	36.9	38.2	40.2	42.3	43.3	44.8	45.5	45.9	46.0	46.2	46.2	46.2
IV 4500		27.3	31.5	35.4	40.0	41.4	43.6	45.3	46.8	48.4	49.2	49.7	49.8	50.0	50.0	50.0
IV 4000		29.3	34.0	38.2	43.3	44.8	47.2	49.4	50.5	52.0	53.0	53.4	53.6	53.8	53.8	53.8
IV 3500		31.7	36.6	41.4	47.0	48.6	51.2	53.5	54.6	56.1	57.1	57.6	57.8	57.9	57.9	58.0
IV 3000		34.2	39.6	45.0	50.9	52.7	55.8	58.3	59.4	61.2	62.3	62.8	63.0	63.1	63.1	63.2
IV 2500		36.7	42.9	49.2	55.4	57.8	61.4	64.2	65.3	67.3	68.4	68.9	69.1	69.3	69.3	69.4
IV 2000		40.5	47.4	55.0	62.0	64.7	68.5	71.5	72.8	75.1	76.2	76.9	77.1	77.4	77.4	77.5
IV 1800		40.9	48.1	56.0	63.4	66.0	70.1	73.1	74.4	77.0	78.3	78.8	79.1	79.3	79.3	79.4
IV 1500		41.9	49.8	58.4	66.4	69.6	74.1	77.4	78.9	81.3	82.9	83.4	83.7	83.9	83.9	84.0
IV 1200		42.5	50.6	59.9	68.3	71.8	76.7	80.2	81.8	84.7	86.1	86.4	87.2	87.5	87.5	87.5
IV 1000		42.9	51.1	60.5	69.2	72.8	77.9	81.7	83.5	86.7	88.4	88.9	89.6	89.9	89.9	90.0
IV 900		42.9	51.1	60.6	69.3	72.9	78.2	82.0	83.7	87.0	88.8	89.4	90.1	90.4	90.4	90.4
IV 800		42.9	51.1	60.6	69.6	73.4	78.5	82.7	84.5	87.9	90.0	90.6	91.2	91.6	91.6	91.6
IV 700		42.9	51.1	60.6	69.6	73.5	79.0	83.0	84.8	88.3	90.4	91.1	91.7	92.0	92.1	92.1
IV 600		42.9	51.1	60.6	69.6	73.5	79.2	83.5	85.6	89.1	91.4	92.1	92.8	93.2	93.2	93.3
IV 500		42.9	51.1	60.6	69.6	73.5	79.3	83.6	85.9	89.5	92.1	92.8	93.7	94.2	94.3	94.3
IV 400		43.0	51.2	60.7	69.7	73.6	79.8	84.0	86.3	90.1	92.9	93.7	94.7	95.3	95.3	95.3
IV 300		43.0	51.2	60.7	69.7	73.6	79.8	84.0	86.4	90.4	93.4	94.3	95.4	96.4	96.5	96.8
IV 200		43.0	51.2	60.7	69.7	73.6	79.8	84.0	86.4	90.4	93.5	94.4	95.7	97.2	97.5	98.4
IV 100		43.0	51.2	60.7	69.7	73.6	79.8	84.0	86.4	90.4	93.5	94.4	95.7	97.3	97.6	98.3
IV 0		43.0	51.2	60.7	69.7	73.6	79.8	84.0	86.4	90.4	93.5	94.4	95.8	97.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35010 IESSBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

2100-2300
MOONS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥5/16	¼	≥0
NO CEILING																
IV 20000	14.6	17.1	19.1	21.2	22.3	23.5	24.2	24.4	24.9	25.2	25.2	25.3	25.5	25.5	25.7	
IV 18000	16.1	18.9	21.1	23.4	24.5	26.0	27.0	27.2	27.8	28.2	28.2	28.3	28.5	28.6	28.9	
IV 16000	16.3	19.1	21.3	23.7	24.8	26.4	27.5	27.7	28.3	28.7	28.7	28.8	29.0	29.1	29.3	
IV 14000	16.3	19.1	21.3	23.8	24.9	26.5	27.5	27.7	28.4	28.8	28.8	28.9	29.1	29.2	29.4	
IV 12000	16.6	19.4	21.6	23.9	25.0	26.8	27.8	28.0	28.6	29.0	29.0	29.1	29.3	29.4	29.7	
IV 10000	17.9	20.8	23.6	26.4	27.5	29.5	30.6	30.9	31.5	31.9	31.9	32.0	32.3	32.4	32.6	
IV 9000	18.5	21.5	24.4	27.2	28.6	30.7	32.1	32.4	33.0	33.4	33.4	33.5	33.8	33.9	34.1	
IV 8000	19.6	22.9	26.0	29.3	30.7	32.9	34.6	35.0	35.6	36.1	36.1	36.2	36.6	36.6	36.9	
IV 7000	20.5	24.0	27.5	30.7	32.1	34.6	36.3	36.6	37.5	38.0	38.0	38.2	38.6	38.6	39.0	
IV 6000	22.8	26.8	30.7	34.1	35.7	38.2	40.0	40.6	41.4	41.9	41.9	42.1	42.3	42.6	42.9	
IV 5000	24.8	29.3	33.7	37.4	39.0	41.6	43.7	44.2	45.2	45.8	45.8	46.0	46.4	46.5	46.8	
IV 4500	27.2	32.1	36.5	40.4	42.3	45.0	47.2	47.7	48.7	49.2	49.3	49.6	50.0	50.1	50.4	
IV 4000	28.9	34.2	39.0	43.3	45.2	48.0	50.3	50.8	51.8	52.6	52.7	52.9	53.4	53.5	53.9	
IV 3500	30.8	36.6	41.9	46.5	48.5	51.5	53.7	54.3	55.4	56.2	56.3	56.7	57.2	57.3	57.7	
IV 3000	33.9	40.2	46.2	51.0	53.2	56.5	59.9	59.5	60.8	61.7	61.8	62.2	62.6	62.8	63.1	
IV 2500	36.9	43.8	50.3	55.3	57.7	61.1	63.8	64.3	66.0	66.9	67.0	67.4	67.9	68.0	68.4	
IV 2000	40.6	48.4	56.1	62.2	64.9	68.9	71.9	72.8	74.5	75.4	75.6	76.0	76.3	76.7	77.0	
IV 1800	41.2	49.3	57.3	63.7	66.5	70.7	73.7	74.7	76.4	77.4	77.5	78.0	78.3	78.6	79.0	
IV 1500	42.7	51.4	59.6	66.3	69.5	74.3	77.6	78.5	80.5	81.6	81.7	82.1	82.7	82.8	83.2	
IV 1200	43.4	52.6	61.2	68.2	71.6	76.8	80.3	81.4	83.6	84.7	84.8	85.4	85.9	86.1	86.4	
IV 1000	43.9	53.0	62.5	69.6	73.4	79.0	82.9	84.1	86.5	87.9	88.1	88.6	89.1	89.3	89.6	
IV 900	44.0	53.7	62.6	69.9	73.7	79.6	83.6	84.9	87.4	88.8	89.0	89.5	90.1	90.2	90.6	
IV 800	44.0	53.7	62.8	70.3	74.1	80.4	84.4	85.8	88.5	89.9	90.2	90.7	91.2	91.3	91.7	
IV 700	44.0	53.8	62.9	70.6	74.4	80.9	84.9	86.3	89.0	90.3	90.8	91.3	91.8	91.9	92.3	
IV 600	44.0	53.8	62.9	70.6	74.6	80.9	85.1	86.6	89.4	91.1	91.4	91.9	92.3	92.7	93.0	
IV 500	44.0	53.8	62.9	70.6	74.6	81.0	85.3	86.9	89.8	91.8	92.1	92.6	93.1	93.3	93.7	
IV 400	44.0	53.8	62.9	70.6	74.6	81.0	85.4	87.0	89.8	91.9	92.2	92.7	93.1	93.3	93.7	
IV 300	44.0	53.8	62.9	70.6	74.6	81.0	85.4	87.0	90.2	92.4	92.9	93.4	93.9	94.2	94.5	
IV 200	44.0	53.8	62.9	70.6	74.6	81.0	85.4	87.0	90.2	92.6	93.1	93.6	94.0	94.2	94.5	
IV 100	44.0	53.8	62.9	70.6	74.6	81.0	85.4	87.1	90.2	92.6	93.1	93.6	94.0	94.2	94.5	
IV 0	44.0	53.8	62.9	70.6	74.6	81.0	85.4	87.1	90.2	92.7	93.2	93.7	94.1	94.3	94.6	

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

YEARS

260

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING		12.2	14.5	17.2	18.7	19.5	21.2	22.0	22.4	23.4	23.7	23.9	23.9	24.0	24.0	24.1
≥ 20000		12.7	15.2	18.0	19.5	20.4	22.1	23.0	23.4	24.5	24.8	25.0	25.0	25.1	25.1	25.3
≥ 18000		12.7	15.3	18.1	19.7	20.6	22.2	23.1	23.6	24.6	24.9	25.1	25.2	25.2	25.3	25.5
≥ 16000		12.7	15.3	18.1	19.7	20.6	22.2	23.1	23.6	24.6	24.9	25.1	25.2	25.2	25.3	25.5
≥ 14000		12.7	15.3	18.1	19.7	20.6	22.3	23.3	23.7	24.8	25.1	25.3	25.3	25.4	25.5	25.6
≥ 12000		13.0	15.7	18.6	20.2	21.2	23.0	24.0	24.4	25.4	25.8	25.9	26.0	26.1	26.1	26.3
≥ 10000		13.5	16.3	19.3	21.1	22.0	24.0	25.0	25.5	26.6	26.9	27.1	27.1	27.2	27.3	27.4
≥ 9000		13.8	16.6	19.6	21.5	22.5	24.5	25.6	26.2	27.2	27.6	27.8	27.8	27.9	28.0	28.1
≥ 8000		14.7	17.8	21.0	23.1	24.1	26.2	27.3	27.9	28.9	29.5	29.8	29.7	29.8	29.8	30.0
≥ 7000		15.4	18.6	21.9	24.0	25.2	27.2	28.4	29.0	30.1	30.7	30.9	30.9	31.0	31.1	31.2
≥ 6000		16.3	19.6	23.1	25.2	26.3	28.5	29.6	30.3	31.4	32.1	32.3	32.4	32.5	32.5	32.7
≥ 5000		17.5	21.1	23.0	27.1	28.2	30.5	31.6	32.5	33.7	34.4	34.5	34.6	34.7	34.8	34.9
≥ 4500		18.9	22.7	26.9	29.1	30.3	32.7	34.0	34.7	35.9	36.6	36.8	36.9	37.0	37.0	37.2
≥ 4000		20.0	23.9	28.4	30.8	32.0	34.6	36.0	36.6	37.9	38.7	38.9	39.0	39.1	39.1	39.3
≥ 3500		21.2	25.6	30.3	32.9	34.1	36.8	38.2	38.9	40.2	41.0	41.2	41.2	41.4	41.4	41.6
≥ 3000		23.8	28.6	34.0	36.7	38.0	40.8	42.3	43.0	44.3	45.2	45.4	45.5	45.6	45.6	45.8
≥ 2500		26.3	32.9	39.6	43.1	44.3	47.7	49.6	50.3	51.8	52.8	53.0	53.1	53.2	53.3	53.5
≥ 2000		32.9	39.6	46.2	50.6	52.3	56.0	58.3	59.4	60.9	61.9	62.2	62.3	62.3	62.3	62.3
≥ 1800		34.1	41.3	48.1	52.9	54.7	58.7	61.3	62.3	63.9	64.9	65.2	65.3	65.4	65.5	65.7
≥ 1500		36.1	44.4	52.1	57.9	60.0	65.0	68.3	69.4	71.2	72.3	72.8	73.0	73.2	73.2	73.3
≥ 1200		36.7	45.6	54.1	60.6	63.3	68.9	72.4	73.5	75.6	77.1	77.3	77.7	77.9	78.0	78.2
≥ 1000		37.1	46.2	55.1	62.9	66.1	72.1	76.1	77.4	79.8	81.6	82.2	82.4	82.6	82.7	82.9
≥ 900		37.2	46.4	55.6	63.6	67.1	73.3	77.6	78.8	81.4	83.3	83.9	84.1	84.3	84.4	84.7
≥ 800		37.3	46.5	55.7	63.8	67.4	73.8	78.3	79.5	82.3	84.4	85.1	85.3	85.5	85.7	86.1
≥ 700		37.3	46.5	55.9	64.1	68.0	74.4	79.1	80.3	83.3	85.5	86.2	86.6	87.1	87.2	87.4
≥ 600		37.3	46.5	56.0	64.3	68.3	75.1	80.2	81.6	84.7	87.2	87.9	88.4	88.8	88.9	89.2
≥ 500		37.3	46.6	56.2	64.3	68.5	75.3	81.0	82.5	85.8	88.4	89.3	90.0	90.6	90.7	91.1
≥ 400		37.4	46.7	56.3	64.6	68.6	75.9	81.3	82.9	86.3	89.2	90.2	91.1	91.7	91.8	92.3
≥ 300		37.4	46.7	56.3	64.6	68.6	75.9	81.3	83.0	86.8	89.7	90.8	91.8	92.3	92.3	93.6
≥ 200		37.4	46.7	56.3	64.6	68.6	75.9	81.4	83.0	87.0	89.8	90.9	92.3	92.7	94.1	95.1
≥ 100		37.4	46.7	56.3	64.6	68.6	75.9	81.4	83.0	87.0	89.8	91.0	92.3	94.1	94.6	96.9
≥ 0		37.6	46.7	56.3	64.5	68.6	75.9	81.4	83.0	87.0	89.8	91.0	92.3	94.1	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 NIESBADEN AB GERMANY
STATION STATION NAME

46-70

YEAR

350

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
PERIOD

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	12.6	14.7	16.6	18.2	19.0	20.3	21.1	21.9	21.9	22.1	22.2	22.2	22.3	22.3	22.6	
IV 20000	13.0	15.2	17.2	19.0	19.8	21.1	21.9	22.2	22.8	23.0	23.0	23.1	23.2	23.2	23.5	
IV 18000	13.1	15.4	17.4	19.1	20.0	21.3	22.1	22.4	22.9	23.1	23.2	23.3	23.4	23.4	23.7	
IV 16000	13.1	15.4	17.4	19.1	20.0	21.3	22.1	22.4	22.9	23.1	23.2	23.3	23.4	23.4	23.7	
IV 14000	13.1	15.4	17.4	19.2	20.1	21.4	22.2	22.5	23.1	23.3	23.3	23.4	23.5	23.5	23.8	
IV 12000	13.4	15.9	17.8	19.7	20.8	21.8	22.7	22.9	23.5	23.7	23.7	23.8	23.9	24.0	24.3	
IV 10000	13.7	16.2	18.2	20.0	21.0	22.3	23.4	23.7	24.3	24.7	24.7	24.8	24.9	24.9	25.2	
IV 9000	14.3	16.9	19.0	20.9	21.9	23.3	24.5	24.8	25.5	25.8	26.0	26.1	26.2	26.2	26.5	
IV 8000	15.1	17.8	20.1	22.1	23.1	24.9	25.9	26.2	26.9	27.3	27.4	27.6	27.7	27.7	28.0	
IV 7000	15.8	18.7	21.2	23.5	24.6	26.4	27.5	27.9	28.6	29.2	29.3	29.5	29.6	29.6	29.9	
IV 6000	16.7	19.7	22.3	24.8	26.0	28.0	29.1	29.5	30.3	30.8	31.0	31.1	31.3	31.3	31.6	
IV 5000	18.1	21.4	24.3	27.1	28.3	30.3	31.5	31.9	32.7	33.3	33.4	33.6	33.7	33.8	34.1	
IV 4500	19.6	23.0	25.2	29.0	30.3	32.3	33.6	34.1	34.9	35.7	35.8	36.0	36.1	36.2	36.5	
IV 4000	20.6	24.1	27.6	30.5	31.9	34.0	35.3	35.7	36.6	37.3	37.5	37.7	37.8	37.8	38.2	
IV 3500	22.7	26.3	29.9	33.0	34.5	36.6	38.1	38.5	39.4	40.2	40.3	40.5	40.6	40.7	41.0	
IV 3000	26.3	30.3	34.2	37.7	38.4	41.6	43.3	43.9	44.8	45.6	45.8	46.1	46.2	46.2	46.5	
IV 2500	30.0	34.3	38.9	42.9	44.8	47.4	49.3	50.0	51.1	51.9	52.2	52.3	52.6	52.7	53.0	
IV 2000	34.6	40.1	45.5	50.5	52.6	56.0	58.1	58.9	60.3	61.3	61.5	62.0	62.2	62.2	62.5	
IV 1800	36.1	41.8	47.3	52.6	55.0	58.6	60.9	61.7	63.3	64.3	64.6	65.0	65.2	65.2	65.5	
IV 1500	37.4	44.0	50.4	56.3	58.8	63.2	65.5	66.8	68.7	69.8	70.2	70.3	70.8	70.8	71.2	
IV 1200	38.5	46.0	53.1	59.5	62.4	67.2	70.2	71.2	73.3	74.7	75.0	75.4	75.7	75.7	76.1	
IV 1000	38.8	46.8	54.4	61.8	64.9	70.2	73.3	74.6	76.9	78.6	79.1	79.3	80.0	80.1	80.6	
IV 900	38.9	47.0	54.8	62.7	66.1	71.3	74.8	75.9	78.5	80.2	80.6	81.1	81.3	81.7	82.1	
IV 800	39.0	47.3	55.4	63.8	67.2	72.7	76.5	77.6	80.2	82.1	82.6	83.0	83.4	83.6	84.0	
IV 700	39.0	47.4	55.6	64.4	67.9	73.9	78.1	79.4	82.3	84.3	85.1	85.7	86.2	86.3	86.8	
IV 600	39.0	47.4	55.7	64.8	68.0	74.2	78.0	80.7	84.0	86.4	87.1	88.0	88.6	88.8	89.2	
IV 500	39.0	47.4	55.7	64.6	68.1	74.3	78.4	81.3	84.8	87.4	88.1	89.2	90.0	90.2	90.6	
IV 400	39.0	47.4	55.7	64.6	68.1	74.3	78.4	81.3	84.8	87.4	88.1	89.2	90.0	90.2	90.6	
IV 300	39.0	47.4	55.7	64.6	68.1	74.3	78.4	81.3	84.8	87.4	88.1	89.2	90.0	90.2	90.6	
IV 200	39.0	47.4	55.7	64.6	68.1	74.3	78.4	81.3	84.8	87.4	88.1	89.2	90.0	90.2	90.6	
IV 100	39.0	47.4	55.7	64.6	68.1	74.3	78.4	81.3	84.8	87.4	88.1	89.2	90.0	90.2	90.6	
IV 0	39.0	47.4	55.7	64.6	68.1	74.3	78.4	81.3	84.8	87.4	88.1	89.2	90.0	90.2	90.6	

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2+	≥2	≥1+	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	
NO CEILING	10.4	12.2	13.1	14.5	14.9	16.0	16.6	16.8	17.2	17.4	17.4	17.5	17.5	17.7	18.0
≥ 20000	11.0	13.0	14.0	15.3	16.0	17.2	17.8	18.0	18.5	18.8	18.8	19.0	19.0	19.2	19.3
IV 18000	11.0	13.1	14.2	15.7	16.1	17.3	17.9	18.2	18.7	18.9	19.0	19.1	19.1	19.3	19.7
IV 16000	11.1	13.2	14.2	15.7	16.2	17.3	18.0	18.2	18.7	19.0	19.0	19.1	19.2	19.4	19.7
IV 14000	11.1	13.2	14.2	15.7	16.2	17.4	18.0	18.3	18.8	19.1	19.1	19.2	19.3	19.4	19.8
IV 12000	11.2	13.4	14.5	16.0	16.5	17.7	18.3	18.6	19.1	19.4	19.4	19.5	19.6	19.7	20.1
IV 10000	11.5	13.8	14.5	16.5	17.0	18.4	19.1	19.3	19.8	20.1	20.1	20.3	20.3	20.5	20.8
IV 9000	11.5	14.2	15.5	17.2	17.9	19.3	19.9	20.2	20.7	20.9	21.0	21.1	21.2	21.3	21.7
IV 8000	12.3	14.7	16.2	18.1	18.8	20.2	20.9	21.2	21.7	22.1	22.2	22.3	22.3	22.5	22.8
IV 7000	13.4	15.9	17.5	19.5	20.2	21.7	22.5	23.0	23.7	24.0	24.0	24.2	24.2	24.4	24.7
IV 6000	14.6	17.2	18.8	21.2	21.9	23.5	24.3	24.7	25.4	25.8	25.8	26.0	26.0	26.2	26.5
IV 5000	15.7	18.8	20.6	23.3	24.1	25.9	26.6	27.2	28.0	28.3	28.3	28.6	28.6	28.8	29.2
IV 4500	16.8	20.2	22.0	24.9	25.7	27.5	28.3	28.8	29.5	30.0	30.1	30.2	30.3	30.5	30.8
IV 4000	18.4	21.8	24.0	27.0	27.9	29.8	30.8	31.2	32.0	32.4	32.7	32.9	32.9	33.1	33.5
IV 3500	20.4	24.1	26.6	29.9	30.9	32.9	34.0	34.5	35.3	35.9	36.0	36.1	36.2	36.3	36.7
IV 3000	23.3	27.4	30.4	34.1	35.2	37.3	38.8	39.4	40.2	40.9	41.0	41.2	41.2	41.4	41.8
IV 2500	26.8	31.7	35.2	39.4	40.7	42.9	44.8	45.3	46.3	47.3	47.5	47.7	47.7	47.9	48.3
IV 2000	31.7	37.6	41.7	46.3	48.0	51.4	53.4	54.1	55.9	56.9	57.2	57.3	57.3	57.7	58.1
IV 1800	33.5	39.5	43.4	48.6	50.5	54.0	56.1	56.9	59.0	60.1	60.3	60.3	60.7	60.9	61.3
IV 1500	35.7	42.7	48.0	53.7	55.8	59.8	62.4	63.3	65.8	67.1	67.4	67.7	67.9	68.1	68.6
IV 1200	38.6	44.0	50.2	56.8	59.2	63.9	66.8	67.9	70.7	72.2	72.3	72.6	73.1	73.4	73.8
IV 1000	37.2	43.0	51.6	59.0	61.8	67.1	70.4	71.7	74.8	76.6	76.9	77.3	77.8	78.0	78.5
IV 900	37.3	43.2	52.1	59.8	62.7	68.3	72.0	73.4	76.8	78.4	78.8	79.1	79.6	79.9	80.4
IV 800	37.3	43.6	52.3	60.7	63.8	70.1	74.0	75.6	78.7	80.6	81.2	81.6	82.2	82.4	82.9
IV 700	37.4	43.7	52.9	61.0	64.2	70.7	74.8	76.3	80.0	82.2	82.8	83.1	83.7	83.9	84.4
IV 600	37.4	43.7	53.0	61.2	64.4	71.1	75.3	77.0	80.4	83.2	83.7	84.1	84.7	85.0	85.5
IV 500	37.4	43.7	53.2	61.5	64.8	71.3	75.4	78.3	82.0	85.2	85.7	86.1	86.7	87.0	87.5
IV 400	37.4	43.7	53.2	61.5	64.8	71.3	75.4	78.3	82.0	85.2	85.7	86.1	86.7	87.0	87.5
IV 300	37.4	43.7	53.2	61.5	64.8	71.3	75.4	78.3	82.0	85.2	85.7	86.1	86.7	87.0	87.5
IV 200	37.4	43.7	53.2	61.5	64.8	71.3	75.4	78.3	82.0	85.2	85.7	86.1	86.7	87.0	87.5
IV 100	37.4	43.7	53.2	61.5	64.8	71.3	75.4	78.3	82.0	85.2	85.7	86.1	86.7	87.0	87.5
IV 0	37.4	43.7	53.2	61.5	64.8	71.3	75.4	78.3	82.0	85.2	85.7	86.1	86.7	87.0	87.5

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 HIESBADEN AB GERMANY

46-76

256

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

8990-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥0
NO CEILING																
IV 20000	8.0	9.0	10.3	11.1	11.6	12.3	12.6	13.1	13.8	14.5	14.6	14.7	14.7	14.7	14.7	15.0
IV 18000	9.3	10.8	12.3	13.3	13.9	14.5	15.2	15.6	16.5	17.3	17.5	17.6	17.7	17.7	17.7	18.1
IV 16000	9.6	11.0	12.7	13.5	14.0	14.7	15.4	15.7	16.7	17.5	17.6	17.6	17.6	17.6	17.8	18.2
IV 14000	9.7	11.1	12.9	13.7	14.2	14.9	15.3	16.0	16.9	17.7	17.9	18.0	18.1	18.1	18.1	18.5
IV 12000	10.1	11.7	13.6	14.6	15.1	15.9	16.6	17.0	17.9	18.8	18.9	19.1	19.2	19.2	19.2	19.6
IV 10000	10.8	12.3	14.4	15.7	16.3	17.2	17.9	18.4	19.3	20.3	20.5	20.7	20.7	20.7	20.7	21.1
IV 9000	11.1	13.0	15.0	16.6	17.2	18.2	18.9	19.3	20.4	21.3	21.6	21.8	21.9	21.9	21.9	22.3
IV 8000	11.9	13.9	16.0	17.8	18.5	19.6	20.6	21.1	22.3	23.3	23.6	23.8	23.9	23.9	23.9	24.3
IV 7000	12.8	15.0	17.2	19.1	19.8	21.2	22.2	22.8	24.1	25.1	25.5	25.6	25.7	25.7	25.7	26.2
IV 6000	13.5	15.8	18.4	20.4	21.1	22.6	23.8	24.3	25.6	26.7	27.1	27.2	27.4	27.4	27.4	27.9
IV 5000	14.5	17.1	19.8	22.2	23.0	24.8	26.0	26.5	27.9	29.0	29.4	29.6	29.9	29.9	29.9	30.4
IV 4500	15.3	18.0	20.8	23.5	24.4	26.3	27.6	28.1	29.5	30.6	31.1	31.3	31.5	31.5	31.5	32.1
IV 4000	16.3	19.3	22.3	25.3	26.2	28.4	29.9	30.5	32.0	32.2	33.6	33.9	34.1	34.1	34.1	34.6
IV 3500	18.0	21.1	24.5	27.8	29.0	31.5	33.0	33.7	35.2	36.5	37.0	37.3	37.5	37.5	37.5	38.1
IV 3000	20.3	23.9	28.0	31.8	33.3	36.2	37.9	38.8	40.6	42.0	42.5	42.8	43.0	43.2	43.2	43.7
IV 2500	22.9	26.9	32.1	36.6	38.6	41.9	43.9	45.0	47.1	48.6	49.2	49.7	50.1	50.3	50.3	50.8
IV 2000	25.9	31.0	36.9	42.6	45.2	49.0	51.7	52.9	55.3	57.3	58.0	58.7	59.4	59.6	59.6	60.1
IV 1800	26.9	32.1	38.3	44.2	47.0	51.1	53.9	55.2	57.7	59.7	60.4	61.1	61.9	62.0	62.0	62.6
IV 1500	28.4	34.2	41.1	46.0	51.2	56.1	59.6	61.1	64.2	66.6	67.5	68.8	69.6	69.7	70.3	70.9
IV 1200	29.2	35.2	42.6	50.2	54.0	59.8	63.5	65.3	68.7	71.4	72.4	73.9	74.7	74.8	75.5	76.1
IV 1000	29.2	35.9	43.1	52.2	56.2	62.1	66.0	68.5	72.1	73.2	75.3	76.0	76.8	76.8	77.6	78.2
IV 900	29.3	36.0	44.3	52.8	56.8	62.9	67.3	69.4	73.2	74.5	77.6	78.3	79.3	79.3	80.1	80.9
IV 800	29.3	36.1	44.9	53.3	57.7	64.0	69.0	71.2	75.1	76.8	80.0	81.8	82.7	82.8	83.5	84.2
IV 700	29.3	36.1	44.9	53.7	58.6	64.9	69.7	72.0	76.3	78.3	81.6	83.6	84.6	84.8	85.5	86.2
IV 600	29.3	36.1	45.1	54.0	59.3	64.7	70.2	72.7	77.2	79.3	82.8	84.8	85.8	86.4	87.1	87.8
IV 500	29.3	36.1	45.1	54.2	59.4	64.9	70.8	73.4	78.1	80.2	83.6	84.2	86.0	86.8	87.5	88.2
IV 400	29.3	36.1	45.1	54.2	59.4	65.0	71.2	73.7	78.7	80.4	83.4	85.3	86.7	87.5	88.2	88.9
IV 300	29.3	36.1	45.1	54.2	59.4	65.0	71.2	73.8	78.8	80.9	83.9	86.1	87.1	87.9	88.7	89.4
IV 200	29.3	36.1	45.1	54.2	59.4	65.0	71.2	73.8	78.8	82.5	86.1	87.2	88.2	88.9	89.6	90.2
IV 100	29.3	36.1	45.1	54.2	59.4	65.0	71.2	73.8	78.8	82.9	86.1	87.2	88.2	88.9	89.6	90.2
IV 0	29.3	36.1	45.1	54.2	59.4	65.0	71.2	73.8	78.8	82.9	86.1	87.2	88.2	88.9	89.6	90.0

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-70

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.75	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING ≥ 20000	8.3	9.5	10.5	12.0	12.4	13.1	13.7	14.2	14.8	15.1	15.4	15.4	15.4	15.4	15.4	15.6
IV 18000	10.4	11.8	13.3	15.1	15.6	16.4	17.2	17.7	18.5	19.0	19.1	19.4	19.6	19.6	19.6	19.7
IV 16000	10.4	11.8	13.3	15.1	15.5	16.4	17.2	17.7	18.6	19.1	19.2	19.5	19.6	19.6	19.6	19.7
IV 14000	10.5	12.0	13.5	15.3	15.9	16.8	17.5	18.1	19.0	19.4	19.6	19.9	20.0	20.0	20.0	20.1
IV 12000	10.9	12.5	14.1	15.9	16.6	17.6	18.5	19.0	19.9	20.4	20.5	20.8	20.9	20.9	20.9	21.0
IV 10000	11.6	13.2	14.9	16.7	17.6	18.6	19.7	20.3	21.3	21.8	22.0	22.3	22.5	22.5	22.5	22.5
IV 9000	11.8	13.5	15.2	17.2	18.2	19.4	20.3	20.9	22.0	22.5	22.7	23.0	23.2	23.2	23.3	23.3
IV 8000	12.9	14.8	16.7	18.9	20.0	21.5	22.9	23.2	24.2	24.8	25.0	25.3	25.5	25.5	25.5	25.5
IV 7000	13.6	15.4	17.7	20.1	21.2	23.1	24.1	24.9	26.0	26.6	26.8	27.1	27.3	27.3	27.4	27.4
IV 6000	14.1	16.1	18.4	20.9	22.0	23.9	25.0	25.9	27.1	27.8	28.1	28.4	28.8	28.8	28.9	28.9
IV 5000	15.3	17.3	19.8	22.6	23.7	25.7	26.9	27.8	29.0	29.7	30.1	30.6	30.8	30.8	31.0	31.0
IV 4500	16.0	18.0	20.8	23.7	24.9	27.0	28.3	29.1	30.4	31.1	31.5	31.8	32.2	32.3	32.4	32.4
IV 4000	17.3	19.7	22.5	25.6	27.0	29.2	30.6	31.8	33.2	34.2	34.5	34.9	35.3	35.3	35.4	35.4
IV 3500	18.8	21.3	24.4	27.6	29.2	31.5	32.9	34.3	35.8	36.7	37.2	37.5	37.9	38.0	38.1	38.1
IV 3000	22.0	25.2	28.6	32.4	34.4	36.8	38.3	39.7	41.5	42.4	42.9	43.2	43.7	43.7	43.8	43.8
IV 2500	26.4	30.2	34.7	39.5	40.9	43.8	45.3	46.8	48.7	49.4	50.4	50.7	51.3	51.4	51.5	51.5
IV 2000	29.9	34.7	40.0	45.3	46.8	51.9	54.0	55.4	57.8	59.1	59.9	60.4	61.1	61.2	61.3	61.3
IV 1800	30.2	35.5	41.4	47.1	50.3	54.2	56.4	57.8	60.3	61.8	62.6	63.1	63.9	64.0	64.1	64.1
IV 1500	31.8	37.9	44.7	51.3	54.8	59.8	62.1	63.7	66.8	68.9	69.8	70.7	71.4	71.5	71.7	71.7
IV 1200	32.3	38.7	46.5	53.8	57.8	63.1	66.0	67.7	71.1	73.7	74.9	76.2	77.0	77.1	77.2	77.2
IV 1000	32.4	39.0	47.2	55.2	59.3	64.8	68.1	70.1	73.9	76.9	78.2	79.7	80.6	80.7	80.9	80.9
IV 900	32.4	39.1	47.4	55.6	59.7	65.3	69.0	71.0	74.9	77.9	79.4	81.0	81.9	82.1	82.3	82.3
IV 800	32.5	39.2	47.6	56.0	60.4	66.3	70.5	72.6	77.0	80.6	82.1	83.9	84.9	85.1	85.4	85.4
IV 700	32.5	39.2	47.7	56.3	60.8	67.2	71.2	73.4	78.2	81.8	83.4	85.4	86.4	86.7	87.0	87.0
IV 600	32.5	39.2	47.7	56.6	60.9	67.7	71.6	74.1	79.1	83.0	84.8	87.1	88.3	88.5	88.8	88.8
IV 500	32.5	39.2	47.7	56.6	61.1	67.7	72.1	74.7	80.3	84.5	86.4	89.2	90.6	90.7	91.2	91.2
IV 400	32.5	39.2	47.7	56.6	61.1	67.7	72.2	74.7	80.5	85.2	87.3	90.3	91.9	92.0	92.7	92.7
IV 300	32.5	39.2	47.7	56.6	61.1	67.7	72.2	74.8	80.6	85.5	87.7	91.1	93.3	93.5	94.6	94.6
IV 200	32.5	39.2	47.7	56.6	61.1	67.7	72.2	74.8	80.6	85.5	87.8	91.3	94.3	94.7	97.2	97.2
IV 100	32.5	39.2	47.7	56.6	61.1	67.7	72.2	74.8	80.6	85.5	87.8	91.3	94.3	94.8	98.5	98.5
IV 0	32.5	39.2	47.7	56.6	61.1	67.7	72.2	74.8	80.6	85.5	87.8	91.3	94.4	94.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 AIESBADEN AB GERMANY

4670

YEARS

EC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .5	≥ .4	≥ 0
NO CEILING		8.3	9.7	11.1	12.3	12.7	13.4	13.6	13.9	14.5	14.6	15.1	15.1	15.2	15.3	15.4
≥ 20000	10.2	11.8	13.5	14.9	15.3	16.4	17.0	17.4	18.1	18.3	18.7	18.8	19.0	19.1	19.2	19.3
IV 18000	10.2	11.9	13.6	15.0	15.4	16.5	17.0	17.5	18.2	18.4	18.8	18.8	19.1	19.2	19.4	
IV 16000	10.2	11.9	13.6	15.0	15.4	16.6	17.1	17.6	18.2	18.5	18.8	18.9	19.1	19.2	19.4	
IV 14000	10.3	12.0	13.9	15.3	15.7	16.9	17.5	18.1	18.7	19.0	19.4	19.4	19.7	19.8	19.9	
IV 12000	10.8	12.7	14.5	16.0	16.3	17.7	18.4	19.0	19.6	19.9	20.3	20.3	20.6	20.7	20.8	
IV 10000	11.4	13.3	15.2	16.7	17.3	18.7	19.4	20.0	20.8	21.1	21.5	21.6	21.9	21.9	22.1	
IV 9000	11.7	13.7	15.7	17.3	17.9	19.3	20.0	20.6	21.4	21.7	22.2	22.2	22.5	22.6	22.8	
IV 8000	12.2	14.2	16.4	18.3	18.9	20.7	21.4	22.1	23.1	23.4	23.9	24.0	24.3	24.4	24.5	
IV 7000	13.3	15.4	17.8	19.8	20.4	22.4	23.3	24.1	25.1	25.5	25.9	26.1	26.4	26.5	26.6	
IV 6000	13.9	16.1	18.5	20.7	21.3	23.4	24.4	25.1	26.2	26.6	27.1	27.2	27.7	27.8	27.9	
IV 5000	15.3	17.8	20.6	22.8	23.5	25.6	26.7	27.6	28.9	29.5	29.8	30.1	30.6	30.6	30.9	
IV 4500	16.5	19.3	22.2	24.7	25.4	27.6	28.7	29.8	31.0	31.5	32.0	32.4	32.8	32.9	33.1	
IV 4000	18.5	21.7	24.9	27.4	28.2	30.5	31.6	32.7	34.1	34.9	35.5	35.8	36.3	36.4	36.6	
IV 3500	20.6	24.0	27.3	30.0	30.9	33.2	34.5	35.6	37.0	37.9	38.6	39.0	39.5	39.6	39.8	
IV 3000	23.8	27.8	31.8	34.8	36.1	38.8	40.1	41.3	42.9	43.9	44.8	45.3	45.7	45.8	46.0	
IV 2500	26.3	32.9	37.6	41.1	42.7	45.7	47.2	48.5	50.3	51.5	52.5	53.1	53.7	53.7	54.0	
IV 2000	31.5	37.5	43.4	47.9	50.1	54.1	56.0	57.3	59.8	61.3	62.3	63.1	63.9	64.0	64.3	
IV 1800	32.1	38.3	44.6	49.4	51.8	55.8	58.0	59.5	62.0	63.6	64.7	65.5	66.2	66.4	66.7	
IV 1500	33.6	40.7	48.1	53.5	56.4	61.0	63.6	65.4	68.5	70.7	71.9	72.8	73.5	73.7	74.0	
IV 1200	34.1	41.4	49.3	55.4	58.7	63.8	66.8	68.8	72.2	74.9	76.3	77.3	78.1	78.3	78.6	
IV 1000	34.3	41.6	50.0	56.5	60.8	66.4	69.8	71.9	75.9	78.9	80.6	81.7	82.7	82.8	83.1	
IV 900	34.3	41.6	50.1	57.0	61.0	66.9	70.3	72.6	76.7	79.8	81.5	82.6	83.4	83.7	84.0	
IV 800	34.3	41.6	50.1	57.1	61.2	67.3	71.1	73.5	77.8	81.3	83.1	84.5	85.5	85.6	85.9	
IV 700	34.3	41.6	50.1	57.2	61.4	67.4	71.6	74.0	78.7	82.4	84.3	86.0	87.2	87.3	87.7	
IV 600	34.3	41.6	50.1	57.3	61.4	67.5	72.0	74.6	79.6	83.4	85.5	87.3	88.6	88.9	89.2	
IV 500	34.3	41.6	50.1	57.3	61.5	67.8	72.5	75.2	80.5	84.5	87.0	89.6	91.1	91.4	92.0	
IV 400	34.3	41.6	50.1	57.3	61.6	67.9	72.7	75.3	80.8	85.6	88.0	91.0	92.8	93.0	93.7	
IV 300	34.3	41.6	50.1	57.3	61.6	67.9	72.7	75.3	80.8	85.7	88.2	91.0	92.8	94.1	95.0	
IV 200	34.3	41.6	50.1	57.3	61.6	67.9	72.7	75.3	80.9	85.8	88.4	91.0	94.7	95.1	96.9	
IV 100	34.3	41.6	50.1	57.3	61.6	67.9	72.7	75.3	80.9	85.8	88.4	91.0	94.8	95.3	98.4	
IV 0	34.3	41.6	50.1	57.3	61.6	67.9	72.7	75.3	80.9	85.8	88.4	91.0	94.9	95.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 2224

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-75

55

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1965-2000

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING																	
IV 20000	11.8	13.4	15.1	16.4	17.2	18.9	19.6	19.7	20.3	20.6	20.7	20.8	20.8	20.8	20.8	20.8	20.8
IV 18000	12.8	14.5	16.5	18.1	19.0	20.9	21.8	22.0	22.6	23.0	23.1	23.2	23.2	23.2	23.2	23.2	23.2
IV 16000	12.8	14.5	16.5	18.1	19.0	20.9	21.8	22.1	22.7	23.1	23.1	23.2	23.2	23.3	23.3	23.3	23.3
IV 14000	12.8	14.6	16.7	18.3	19.2	21.1	22.0	22.2	22.8	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.4
IV 12000	13.0	14.8	16.9	18.6	19.6	21.5	22.5	22.7	23.3	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9
IV 10000	14.2	16.1	18.4	20.2	21.2	23.3	24.2	24.4	25.2	25.5	25.6	25.7	25.7	25.8	25.8	25.8	25.8
IV 9000	14.7	16.5	18.9	20.8	22.0	24.1	25.1	25.3	26.1	26.5	26.6	26.7	26.7	26.7	26.7	26.7	26.7
IV 8000	15.3	17.2	19.7	21.8	23.2	25.4	26.5	26.8	27.6	28.0	28.1	28.2	28.2	28.3	28.3	28.3	28.3
IV 7000	16.3	18.3	20.9	23.2	24.6	26.9	28.0	28.4	29.2	29.7	29.8	29.9	29.9	30.0	30.0	30.0	30.0
IV 6000	17.1	19.2	21.9	24.4	25.8	28.2	29.4	29.8	30.8	31.2	31.3	31.4	31.5	31.5	31.5	31.5	31.5
IV 5000	18.9	21.3	24.2	26.8	28.3	30.9	32.2	32.6	33.7	34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5
IV 4500	20.4	23.0	26.3	29.4	30.9	33.6	35.1	35.5	36.5	37.0	37.1	37.2	37.3	37.3	37.3	37.3	37.3
IV 4000	22.1	24.9	28.8	31.9	33.5	36.3	37.8	38.3	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 3500	23.9	27.1	31.4	34.7	35.8	39.4	41.2	41.7	42.9	43.7	43.8	44.0	44.1	44.1	44.1	44.1	44.1
IV 3000	26.5	30.5	35.0	38.5	40.4	43.5	45.6	46.2	47.5	48.5	48.6	48.9	48.9	49.0	49.0	49.0	49.0
IV 2500	31.4	35.6	41.2	45.1	47.3	50.7	53.1	53.7	55.1	56.1	56.3	56.5	56.6	56.6	56.6	56.6	56.6
IV 2000	34.4	39.7	46.8	51.8	54.5	58.6	61.8	62.3	64.3	65.5	65.7	66.0	66.1	66.2	66.2	66.2	66.2
IV 1800	35.1	40.9	48.2	53.9	56.9	61.4	64.7	65.3	67.3	68.5	68.7	69.0	69.2	69.2	69.2	69.2	69.2
IV 1500	36.9	43.7	52.0	58.3	61.8	66.9	70.7	71.3	73.3	74.8	75.1	75.5	75.7	75.7	75.7	75.7	75.7
IV 1200	37.4	44.6	53.7	60.6	64.3	69.6	73.7	74.3	77.3	78.9	79.3	79.7	79.9	79.9	79.9	79.9	79.9
IV 1000	37.6	44.8	54.4	62.0	65.3	72.0	76.5	77.8	80.9	82.9	83.3	83.7	84.0	84.1	84.1	84.1	84.1
IV 900	37.6	44.9	54.5	62.2	65.8	72.6	77.2	78.7	81.8	84.0	84.5	84.9	85.2	85.3	85.3	85.3	85.3
IV 800	37.6	44.9	54.6	62.3	67.3	73.5	78.6	80.3	83.7	86.3	86.8	87.2	87.6	87.6	87.6	87.6	87.6
IV 700	37.6	44.9	54.8	62.8	67.6	73.9	79.3	81.2	84.9	87.5	88.0	88.5	88.8	88.9	88.9	88.9	88.9
IV 600	37.6	44.9	54.8	62.9	67.8	74.3	79.7	81.6	85.6	88.3	89.3	89.8	90.2	90.2	90.2	90.2	90.2
IV 500	37.6	44.9	54.8	62.9	67.8	74.3	80.0	82.0	85.3	89.5	90.5	91.2	91.6	91.7	91.7	91.7	91.7
IV 400	37.6	44.9	54.8	63.0	68.0	74.6	80.3	82.4	86.8	90.2	91.4	92.4	93.0	93.1	93.1	93.1	93.1
IV 300	37.6	44.9	54.8	63.0	68.0	74.6	80.3	82.4	87.1	90.6	92.0	93.3	94.1	94.2	94.2	94.2	94.2
IV 200	37.6	44.9	54.8	63.0	68.0	74.6	80.3	82.4	87.2	90.8	92.2	93.7	94.9	95.2	95.2	95.2	95.2
IV 100	37.6	44.9	54.8	63.0	68.0	74.6	80.3	82.4	87.2	90.8	92.3	93.8	95.1	95.7	95.7	95.7	95.7
IV 0	37.6	44.9	54.8	63.0	68.0	74.6	80.3	82.4	87.3	90.8	92.3	93.8	95.2	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 2325

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35010 WIESBADEN AB GERMANY

46-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1
NO CEILING	12.1	14.4	15.0	16.2	19.2	20.7	21.9	22.0	22.7	23.0	23.1	23.1	23.1	23.1	23.1
≥ 20000	12.7	15.2	16.8	19.1	20.3	21.9	23.1	23.2	23.9	24.2	24.3	24.3	24.3	24.3	24.3
IV 18000	12.7	15.2	16.8	19.1	20.3	21.9	23.1	23.2	23.9	24.2	24.3	24.3	24.3	24.3	24.3
IV 16000	12.7	15.2	16.8	19.1	20.3	21.9	23.1	23.2	23.9	24.2	24.3	24.3	24.3	24.3	24.3
IV 14000	12.8	15.3	16.9	19.3	20.6	22.2	23.5	24.2	24.5	24.6	24.6	24.6	24.6	24.6	24.6
IV 12000	12.8	15.3	17.0	19.4	20.7	22.5	23.7	23.8	24.6	24.8	24.8	24.8	24.8	24.8	24.8
IV 10000	13.6	16.4	18.2	20.7	22.4	24.2	25.9	25.8	26.5	26.8	26.9	26.9	26.9	26.9	26.9
IV 9000	14.1	17.0	18.9	21.4	23.1	25.0	26.4	26.6	27.4	27.7	27.8	27.8	27.8	27.8	27.8
IV 8000	14.9	17.9	19.9	22.5	24.4	26.3	27.7	27.9	28.7	29.2	29.3	29.3	29.3	29.3	29.3
IV 7000	15.8	18.8	21.0	23.8	25.8	27.8	29.2	29.5	30.3	30.9	31.0	31.0	31.0	31.0	31.0
IV 6000	15.4	19.7	22.1	24.9	26.9	29.0	30.4	30.7	31.3	32.2	32.3	32.3	32.3	32.3	32.3
IV 5000	18.4	21.9	24.4	27.3	29.4	31.5	33.1	33.5	34.4	35.1	35.2	35.2	35.2	35.2	35.2
IV 4500	19.8	23.3	26.1	29.3	31.5	33.7	35.3	35.7	36.6	37.3	37.3	37.3	37.3	37.3	37.3
IV 4000	21.4	25.0	28.4	31.8	34.0	36.2	37.8	38.3	39.2	40.0	40.1	40.1	40.1	40.1	40.1
IV 3500	22.9	26.9	30.7	34.2	36.4	38.7	40.4	40.8	42.0	42.7	42.8	42.9	42.9	42.9	42.9
IV 3000	25.7	30.0	34.3	38.1	40.6	43.1	45.2	45.6	46.7	47.5	47.6	47.7	47.7	47.7	47.7
IV 2500	29.8	34.9	40.0	44.2	46.9	49.9	52.2	52.7	54.0	54.8	54.9	55.0	55.0	55.0	55.1
IV 2000	33.9	40.1	46.6	51.9	55.2	58.8	61.6	62.2	63.7	64.6	64.7	65.0	65.0	65.0	65.1
IV 1800	34.9	41.4	48.4	53.8	57.4	61.3	64.2	64.8	66.3	67.3	67.3	67.9	68.0	68.0	68.0
IV 1500	36.7	44.3	52.2	58.7	62.5	67.2	70.3	71.2	72.1	74.1	74.5	74.6	74.7	74.7	74.7
IV 1200	37.1	45.0	53.4	61.1	63.4	70.4	74.0	74.7	77.0	78.2	78.6	78.7	78.8	78.8	78.8
IV 1000	37.4	45.5	54.6	63.1	65.2	73.3	77.0	78.4	81.3	82.8	83.2	83.6	83.7	83.7	83.7
IV 900	37.5	45.7	54.9	63.4	65.7	74.4	78.5	79.6	82.6	84.0	84.4	84.4	84.9	84.9	85.0
IV 800	37.5	45.7	54.9	63.6	65.9	75.0	79.5	80.7	84.0	85.7	86.1	86.4	86.7	86.7	86.7
IV 700	37.5	45.7	55.2	64.0	65.5	75.7	80.2	81.6	84.9	86.8	87.3	87.3	87.7	88.0	88.1
IV 600	37.5	45.7	55.2	64.1	65.7	76.3	80.9	82.4	85.7	87.9	88.6	89.0	89.2	89.3	89.4
IV 500	37.5	45.7	55.3	64.3	65.9	76.8	81.8	83.2	86.8	89.1	89.9	90.3	91.0	91.0	91.1
IV 400	37.5	45.7	55.4	64.4	70.1	76.8	82.1	83.6	87.3	89.9	90.8	91.7	92.5	92.6	92.6
IV 300	37.5	45.7	55.4	64.4	70.1	76.8	82.1	83.7	87.3	90.7	91.7	92.6	93.6	93.7	94.0
IV 200	37.5	45.7	55.4	64.4	70.1	76.8	82.2	83.7	87.6	90.8	91.9	92.8	94.1	94.1	95.7
IV 100	37.5	45.7	55.4	64.4	70.1	76.8	82.2	83.7	87.6	90.8	92.0	93.3	94.9	94.9	97.2
IV 0	37.5	45.7	55.4	64.4	70.1	76.8	82.2	83.7	87.7	90.9	92.0	93.4	95.0	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2324

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	3
3	4
4	5
5	6
6	3
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

35010
 STATION

WIESBADEN AB Gc NY
 STATION NAME

46-70
 PERIOD

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	13.2	1.9	2.4	2.9	2.5	1.9	2.5	2.5	5.4	5.2	62.8	7.8	17845
FEB		11.9	2.5	2.6	3.6	3.3	2.6	3.1	3.2	6.2	6.1	54.9	7.4	16253
MAR		15.8	3.6	4.2	4.0	4.0	3.1	3.7	3.8	7.8	7.0	41.9	6.5	15584
APR		14.3	4.3	4.3	4.8	4.7	3.8	4.4	5.1	9.2	8.9	36.2	6.5	17974
MAY		10.4	4.7	5.1	5.2	5.5	4.3	5.1	6.2	11.1	9.8	32.1	6.5	18589
JUN		9.8	5.4	5.0	5.6	5.6	4.5	5.3	6.5	11.6	11.3	29.3	6.4	17981
JUL		11.5	5.7	5.2	5.7	5.4	4.9	5.0	6.6	11.4	10.7	27.7	6.2	18555
AUG		11.7	4.9	4.6	5.4	5.3	4.8	5.6	6.8	11.0	10.9	29.1	6.3	18492
SEP		10.2	5.3	4.8	4.9	4.9	4.2	3.9	5.2	8.9	9.0	30.7	5.9	17717
OCT		15.8	3.4	3.4	4.1	4.2	3.1	3.4	3.7	6.9	7.2	43.9	6.6	18568
NOV		7.2	2.0	2.3	2.8	2.6	2.0	2.7	2.9	5.9	6.1	63.6	8.1	17963
DEC		8.3	1.8	2.0	2.4	2.0	1.7	2.1	2.4	4.8	5.0	67.7	8.2	18573
TOTALS		12.3	3.8	3.8	4.3	4.2	3.4	3.9	4.6	8.4	8.1	43.3	6.9	217064

DATA PROCESSING DIVISION
ETAC/USAF
AIR REAT-PR SERVICE/MAC

SKY COVER

35010 WIESBADEN AB GERMANY

47-70

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	15.3	2.0	2.9	3.2	2.7	1.5	2.6	1.9	3.9	3.2	60.7	7.3	2228
	03-05	15.3	1.3	2.2	2.2	2.5	1.3	2.1	2.3	4.4	2.7	63.8	7.5	2232
	06-08	12.6	1.8	2.3	2.0	1.9	1.5	2.3	2.4	5.4	4.2	64.9	7.9	2231
	09-11	5.2	1.4	1.7	3.0	3.1	2.3	2.4	2.2	6.0	8.0	64.7	8.3	2230
	12-14	5.6	1.4	2.1	3.1	2.8	2.0	3.0	3.5	6.3	7.4	62.7	8.2	2232
	15-17	5.6	2.3	2.4	2.7	2.1	2.3	2.6	3.0	7.6	7.4	62.0	8.2	2231
	18-20	10.2	2.2	3.1	3.7	2.3	2.3	2.4	2.1	4.9	5.0	61.9	7.7	2231
	21-23	13.5	2.6	2.8	2.4	2.7	1.9	2.5	2.6	4.4	3.3	61.3	7.5	2230
TOTALS		10.2	1.9	2.4	2.9	2.5	1.9	2.5	2.5	5.4	5.2	62.8	7.8	17845

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

35010

WIESBADEN AB GERMANY

47-70

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	17.6	1.6	2.4	3.6	3.8	2.7	3.1	2.6	4.4	3.9	53.7	6.9	2032
	03-05	17.5	1.6	1.8	3.4	3.0	1.9	2.8	2.8	5.1	3.3	56.8	7.1	2034
	06-08	11.2	2.3	2.8	3.9	3.2	2.1	3.1	2.8	5.1	5.9	57.7	7.5	2034
	09-11	7.1	2.2	3.6	2.8	2.6	2.2	2.7	3.6	7.1	8.3	57.7	7.9	2032
	12-14	8.0	2.4	2.5	2.5	2.5	2.7	3.2	3.9	7.8	8.5	56.0	7.8	2032
	15-17	7.4	2.9	2.7	3.2	3.2	3.2	3.7	3.3	8.4	8.8	53.2	7.7	2032
	18-20	10.6	2.9	3.8	4.4	4.3	2.8	3.0	3.3	6.5	5.9	52.4	7.2	2034
	21-23	15.8	2.2	2.7	4.4	3.8	2.9	3.3	3.3	5.3	4.4	51.8	6.9	2033
TOTALS		11.9	2.3	2.8	3.6	3.3	2.6	3.1	3.2	6.2	6.1	54.9	7.4	16263

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/4AC

SKY COVER

35010	WIESBADEN AB GERMANY	46-70	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	27.9	3.4	4.8	3.1	3.3	2.2	3.2	2.2	4.9	4.0	40.9	5.7	2319
	03-05	27.3	2.2	4.3	3.7	3.6	2.4	2.4	1.7	4.4	3.6	44.5	5.9	2325
	06-08	13.6	4.6	5.1	4.1	3.5	2.9	2.9	3.9	6.5	7.5	46.0	6.8	2323
	09-11	11.4	3.7	3.6	4.3	3.7	3.0	3.6	3.8	9.2	9.4	44.5	7.0	2325
	12-14	9.7	3.5	2.5	3.5	3.8	3.6	5.4	6.1	11.4	8.9	41.7	7.1	2324
	15-17	10.2	3.3	3.2	3.6	4.7	3.6	4.6	5.4	10.9	9.9	40.4	7.0	2325
	18-20	12.0	4.6	4.9	5.2	4.9	4.4	3.7	4.2	9.7	7.7	38.8	6.6	2324
	21-23	22.6	4.7	4.9	4.8	4.4	2.6	3.6	3.4	5.7	4.7	38.6	5.8	2319
TOTALS		16.8	3.8	4.2	4.6	4.0	3.1	3.7	3.8	7.8	7.0	41.9	6.5	18584

DATA-PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SKY COVER

35010

WIESBADEN AB GERMANY

46-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	26.8	3.7	6.2	6.5	6.0	2.9	4.6	3.9	6.4	4.8	28.1	5.0	2321
	03-05	15.2	6.4	7.0	6.3	6.1	4.1	4.3	3.7	7.4	6.2	32.3	5.7	2324
	06-08	9.4	6.6	4.9	4.7	5.7	4.3	4.0	5.2	10.0	9.9	33.3	6.6	2323
	09-11	6.6	4.6	4.3	5.2	4.9	4.4	4.9	6.5	12.0	12.5	34.0	6.9	2325
	12-14	4.1	3.0	2.7	4.7	4.7	4.3	6.2	8.3	16.3	13.2	32.5	7.3	2325
	15-17	3.1	3.1	2.3	4.9	5.5	5.2	5.5	8.8	15.6	14.2	31.5	7.3	2323
	18-20	4.1	4.7	4.6	5.8	5.7	5.0	5.7	7.3	13.5	11.1	32.3	7.0	2325
	21-23	12.4	5.3	8.3	8.0	7.5	4.4	5.3	5.6	7.8	6.8	30.7	5.9	2323
TOTALS		10.4	4.7	5.1	5.8	5.5	4.3	5.1	6.2	11.1	9.4	32.1	6.5	18559

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SKY COVER

35010

RIESBADEN AB GERMANY

46-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	24.1	5.5	3.7	5.1	6.0	3.9	5.0	4.4	6.9	4.7	27.7	5.1	2244
	03-05	11.4	6.4	7.1	7.5	7.3	4.3	3.6	5.9	9.7	8.6	28.0	5.8	2249
	06-08	11.4	6.5	4.8	5.6	5.3	4.0	4.3	5.5	10.1	11.7	30.9	6.3	2249
	09-11	7.4	5.2	4.3	4.7	5.4	4.8	5.7	6.8	12.1	11.8	31.8	6.6	2249
	12-14	2.8	3.5	3.9	4.4	5.2	4.8	5.8	8.1	16.1	15.2	30.1	7.3	2249
	15-17	3.4	3.6	3.0	4.6	6.0	4.8	5.6	6.5	15.5	15.7	29.3	7.2	2248
	18-20	6.4	5.5	4.4	5.6	5.9	4.6	6.2	7.3	12.7	14.0	27.7	6.7	2249
	21-23	11.1	7.5	6.7	6.4	5.6	5.1	5.8	5.5	9.4	8.3	28.5	6.0	2244
TOTALS		9.8	5.4	5.0	5.6	5.8	4.5	5.3	6.5	11.6	11.3	29.3	6.4	17981

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

35012 WIESBADEN AB GERMANY

46-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	27.2	5.4	6.2	6.5	6.3	4.1	3.8	3.9	6.6	4.9	25.2	4.6	2314
	03-05	15.5	6.9	6.4	6.4	5.9	4.6	4.9	5.4	9.7	6.9	26.4	5.6	2313
	06-08	12.4	6.5	5.4	5.3	4.5	3.4	4.1	5.8	5.9	10.8	21.8	6.3	2320
	09-11	9.6	5.9	3.7	4.2	4.5	4.5	4.6	7.1	12.5	12.8	30.3	6.6	2323
	12-14	4.2	3.7	4.0	5.0	4.3	6.2	5.6	9.0	14.1	14.6	29.1	7.1	2323
	15-17	4.0	3.2	3.9	6.0	5.7	6.1	5.4	9.0	15.7	14.2	26.8	7.0	2324
	18-20	7.4	6.2	4.6	5.4	6.0	5.1	5.8	7.2	13.1	13.4	25.9	6.5	2319
	21-23	13.1	7.5	7.5	6.8	6.2	4.8	5.6	5.0	9.7	7.9	25.9	5.7	2319
TOTALS		11.8	5.7	5.2	5.7	5.4	4.9	5.0	6.6	11.4	10.7	27.7	6.2	18555

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

SKY COVER

35010 WIESBADEN AB GERMANY

46-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	26.2	5.2	5.4	5.3	4.6	3.3	4.6	3.6	6.8	6.2	28.8	5.2	2290
	03-05	19.5	6.5	5.3	7.1	5.2	3.7	4.8	5.1	6.5	5.8	29.6	5.4	2293
	06-08	9.3	5.9	4.2	5.3	4.7	4.5	4.7	6.2	11.1	11.1	32.8	6.6	2322
	09-11	7.9	4.0	4.7	4.6	5.5	5.6	5.5	6.7	11.3	12.7	31.5	6.8	2322
	12-14	6.3	3.7	2.8	4.0	5.2	5.4	6.8	10.4	14.6	14.5	26.3	7.1	2325
	15-17	4.3	3.4	2.4	4.7	5.7	6.2	7.2	8.8	15.6	15.2	26.4	7.1	2324
	18-20	6.3	4.6	4.8	5.5	5.3	4.9	5.6	8.0	13.4	14.9	26.7	6.7	2309
	21-23	15.6	5.7	6.1	6.1	6.2	4.4	5.9	5.4	8.8	7.0	28.7	5.8	2277
TOTALS		11.7	4.9	4.6	5.4	5.1	4.8	5.6	6.8	11.0	10.9	29.1	6.3	18452

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/VAC

SKY COVER

35010

WIESBADEN AB GERMANY

46-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	35.2	3.7	4.0	4.9	3.8	2.3	3.8	3.3	6.2	5.0	27.9	4.7	2157
	03-05	31.1	4.8	4.5	4.1	3.6	2.9	2.2	3.7	5.9	4.8	32.4	5.1	2188
	06-08	11.7	6.2	4.8	5.5	4.7	4.1	3.3	4.8	9.2	9.4	36.4	6.5	2248
	09-11	11.5	5.5	4.0	4.4	4.8	4.4	3.8	5.6	9.9	11.0	35.1	6.6	2250
	12-14	9.5	4.6	4.2	4.3	4.9	5.5	4.8	6.8	11.8	12.6	31.0	6.7	2250
	15-17	9.2	5.0	4.3	4.3	5.6	5.6	4.5	6.8	12.0	13.4	29.2	6.6	2249
	18-20	11.0	7.1	5.6	5.7	6.4	5.1	4.6	6.2	9.8	10.4	26.9	6.0	2219
	21-23	25.2	5.3	7.1	4.9	5.5	3.7	4.2	4.5	6.6	5.6	26.7	5.0	2156
TOTALS		18.2	5.3	4.8	4.9	4.9	4.2	3.9	5.2	8.9	9.0	30.7	5.9	17717

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

35010 WIESBADEN AB GERMANY 46-70 OCT
 STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	26.7	3.4	4.1	4.0	4.3	2.6	3.3	2.8	5.4	3.4	39.9	5.7	2316
	03-05	25.1	2.5	2.9	3.5	3.6	2.6	3.2	2.6	4.5	4.2	45.0	6.1	2316
	05-08	12.5	3.4	3.7	4.0	3.3	2.2	2.7	2.9	6.8	8.5	49.9	7.1	2325
	09-11	10.5	3.8	2.5	2.5	2.8	2.8	2.6	3.4	6.5	9.4	53.2	7.5	2325
	12-14	10.1	3.5	2.2	4.1	4.9	3.0	3.8	5.7	8.6	10.1	44.2	7.2	2324
	15-17	10.2	3.8	2.5	4.3	5.3	3.9	4.0	4.8	9.5	11.1	40.5	7.0	2322
	18-20	14.9	3.8	4.9	4.7	5.3	3.8	4.6	4.3	8.1	7.2	38.5	6.4	2323
	21-23	24.5	3.4	4.1	5.3	4.3	3.6	3.2	3.0	5.5	3.7	39.6	5.8	2317
TOTALS		16.8	3.4	3.4	4.1	4.2	3.1	3.4	3.7	6.9	7.2	43.9	6.6	18568

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/WAC

SKY COVER

35010 WIESBADEN AB GERMANY 46-70 NCV
STATION STATION NAME MFOC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	12.1	2.1	2.7	3.1	2.9	1.9	3.2	2.7	4.2	3.7	61.4	7.6	2248
	03-05	10.5	1.7	2.9	2.9	2.5	2.1	2.9	2.1	3.8	3.6	65.0	7.8	2244
	06-08	5.5	1.7	2.3	2.4	2.2	1.8	1.8	2.8	5.5	4.4	68.6	8.3	2246
	09-11	3.9	1.8	1.7	2.0	1.4	1.5	2.3	2.4	6.8	6.4	67.9	8.6	2245
	12-14	3.2	1.6	1.3	2.0	2.2	2.3	2.7	3.0	7.5	10.2	64.0	8.6	2246
	15-17	2.9	2.1	1.9	2.4	2.7	2.4	2.6	3.6	6.7	9.5	61.4	8.4	2242
	18-20	7.0	2.7	4.8	4.1	3.9	2.1	3.1	3.7	5.4	5.1	60.1	7.3	2246
	21-23	11.4	2.5	2.6	3.2	3.0	1.9	2.6	3.0	4.9	4.1	60.7	7.6	2246
TOTALS		7.2	2.0	2.3	2.6	2.6	2.0	2.7	2.9	5.9	6.1	63.6	8.1	17963

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (M.C)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by 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 deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

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

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

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 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 available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING UNIT
 USAF ETAC
 AIR WEATHER SERVICE
 35010

DAILY TEMPERATURES

STATION IES STATION NAME 46270 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP, °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						.3	1.0	.1					.1
90						2.3	4.7	2.5	.8				.9
85					.4	4.4	14.1	8.8	2.2				2.9
80				1.3	5.2	17.1	27.7	20.5	7.1				6.7
75			.1	5.1	17.2	37.1	49.0	41.2	18.6	.9			14.3
70			1.5	14.5	35.1	58.5	70.2	67.1	39.0	4.4			24.4
65			2.1	25.9	54.5	82.5	90.6	90.8	65.7	14.8	.1		36.1
60		.7	13.1	43.5	77.7	84.4	99.2	98.8	86.2	37.8	1.1	.1	46.5
55	.4	2.9	27.5	65.1	94.6	99.6	100.0	100.0	98.2	63.5	10.1	1.0	55.6
50	4.8	12.2	47.5	84.7	92.2	99.9			100.0	85.4	27.6	8.1	64.6
45	18.4	31.1	69.3	96.7	99.7	100.0				95.5	57.2	22.6	74.6
40	39.2	63.4	88.9	99.9	100.0					99.6	81.2	44.6	83.9
35	66.5	75.7	95.5	100.0						100.0	95.6	71.4	92.3
30	84.9	90.9	99.7								99.7	88.8	97.1
25	94.6	95.2	100.0								100.0	95.9	98.9
20	98.3	99.1										99.1	99.7
15	99.7	99.8										100.0	100.0
10	100.0	100.0											100.0
MEAN	37.3	40.7	49.3	53.5	61.1	72.0	74.8	73.4	68.0	57.1	45.6	38.5	56.8
S D	7.644	8.331	8.781	9.047	8.106	8.107	8.216	7.368	7.522	7.226	6.595	7.644	15.732
TOTAL OBS	744	678	774	750	778	749	773	760	718	772	746	775	8016

DATA PROCESSING 1-1-1
 USAF ETAC
 AIR WEATHER SERVICE/ AC
 35010 WIESEBACH STATION NAME 1

DAILY TEMPERATURES

46-70 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
75						.3							.0
70						.4	1.5	.4					.2
65					.3	2.7	7.5	4.9	.1				1.3
60					3.9	15.3	26.1	24.7	4.7	.3			5.6
55				1.5	12.3	44.1	64.6	63.6	27.8	4.7	.1		18.7
50		.1	2.2	13.9	44.0	82.1	91.7	90.0	63.7	18.0	2.0	.1	34.0
45	1.3	2.5	5.1	26.1	72.1	95.5	99.4	99.3	88.1	43.8	9.1	2.6	47.0
40	5.6	9.4	25.7	63.7	92.4	99.9	100.0	100.0	97.9	72.7	34.9	11.6	59.8
35	25.9	31.7	54.3	68.1	92.7	100.0			100.0	90.9	61.8	33.9	74.1
30	39.0	44.1	65.4	84.3	99.7					95.1	72.7	46.5	82.2
25	57.3	59.5	81.2	98.5	100.0					99.0	89.9	64.0	87.6
20	75.5	76.1	94.4	100.0						99.9	98.0	80.8	93.9
15	86.1	87.0	98.3							100.0	99.6	89.5	96.8
10	94.3	92.5	99.5								100.0	95.1	98.5
5	98.3	95.5	99.7									99.5	99.4
0	99.5	99.1	100.0									100.0	99.9
-5	99.9	99.7											100.0
-10	100.0	100.0											100.0
MEAN	29.1	29.7	35.0	42.0	48.5	54.0	56.4	56.0	51.2	43.4	36.6	30.8	42.7
S D	8.084	9.070	6.914	5.184	5.112	5.523	5.369	5.085	5.530	6.555	6.092	7.968	11.939
TOTAL OBS	744	678	774	750	775	749	773	760	720	772	746	775	9016

DATA PROCESSING 1 1 1
 USAF ETAC
 AIR WEATHER SERVICE/ 40
 35010 HIESPADE STATION NAME 1

DAILY TEMPERATURES

46-70

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						0.3	1.1						0.0
80						0.5	2.5						0.3
75					0.4	4.8	10.2	5.5	1.1				1.9
70					3.7	15.9	26.3	21.1	5.1				6.1
65					12.9	39.9	54.2	49.2	21.2	0.9			15.5
60				0.6	22.0	70.5	84.9	82.9	49.6	7.8	0.1		29.0
55				3.0	65.6	92.9	99.0	98.7	81.9	26.6	1.3		41.8
50				17.4	90.3	99.1	100.0	100.0	97.5	57.1	8.4	1.5	52.8
45	5.1	10.2	39.0	78.0	90.5	100.0			99.9	84.1	31.4	9.4	63.4
40	20.8	32.1	67.1	93.0	99.7				100.0	95.7	61.9	27.1	75.2
35	48.0	56.6	88.4	100.0						99.7	84.9	54.5	84.3
30	72.7	78.7	98.0							100.0	98.1	78.1	93.6
25	86.4	88.3	99.8								99.7	89.8	97.1
20	95.3	94.3	100.0								100.0	96.3	98.9
15	98.8	97.9										99.4	99.6
10	99.9	99.7										100.0	100.0
5	100.0	99.3											100.0
0		100.1											100.0
MEAN	33.4	35.3	42.4	52.7	57.5	63.2	65.8	64.9	59.8	50.5	41.3	34.8	49.9
S D	7.609	8.577	7.121	7.005	6.473	6.222	6.243	5.595	5.815	6.179	5.990	7.567	13.537
TOTAL OBS	744	674	774	750	775	749	773	760	720	772	746	775	9016

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
 FROM DAILY OBSERVATIONS

35010 WIESBADEN AB GERMANY 66-70
 STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46			70	80	79	88	90	87	78	66	50	49	
47	62	39	68	84	86	96	97	93	91	79	59	51	97
48	57	53	67	78	83	91	91	92	82	76	56	50	92
49	52	53		86	78	82	92	92	89	72	55	53	
50	51	54	63	72	80	82	91	91	77	67	59	49	92
51	49	51	62	80	82	80	89	89	85	64	58	50	89
52	50	50	61	78	80	93	99	94	72	60	53	50	99
53	47	57	71	76	89	84	86	89	93	70	57	58	93
54	54	46	65	65	85	92	80	91	85	72	56	53	92
55	47	51	69	84	81	83	89	85	79	64	62	55	89
56	53	40	58	70	85	78	85	80	75	74	52	53	85
57	52	61	67	75	77	91	99	82	80	67	58	53	99
58	49	63	65	65	79	84	85	86	82	68	57	51	86
59	56	54	67	79	81	86	98	87	84	73	53	53	98
60	50	59	66	73	79	86	82	84	76	70	58	52	86
61	51	60	69	77	74	88	87	84	84	70	55	60	88
62	54	48	56	78	76	83		89	86	77	61	52	
63	39	37	53	67	79	77	89	93	76	53	60	42	93
64	40	49	58	78	81	91	96	95	84	68	55	48	96
65	52	41	67	68	81	85	86	81	75	68	56	55	86
66	51	58	56	73	81	86	80	93	62	77	54	51	93
67	52	55	58	67	79		85	85	75	68	53	53	
68	54	50	77	85	79	83	90	82	77	73		48	
69	52	47	60	76	85	79	90	85	77	67	58	38	90
70	46	54	58	75	77	87	83				61	52	
MEAN	50.3	51.3	65.2	75.6	80.9	86.0	89.3	87.9	81.0	69.7	56.9	51.2	91.7
S. D	4.296	7.042	5.782	6.131	3.414	3.032	5.374	4.485	5.501	4.823	2.740	4.685	4.544
TOTAL OBS.	744	676	744	750	773	730	744	744	720	744	720	773	855

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS

WHOLE DEGREES FAHRENHEIT
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			71										MAX TEMP DAYS
			30										
62							87						MAX TEMP DAYS
							29						
67						87							MAX TEMP DAYS
						29							
68											67		MAX TEMP DAYS
											26		
70								88		74			MAX TEMP DAYS
								16	0	28			
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
 FROM DAILY OBSERVATIONS

35010 WIESBADEN AB GERMANY
STATION STATION NAME

48-70
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46			27	32	39	43	45	44	40	30	27	7	
47	6	12	16	33	42	43	51	50	46	30	26	18	6
48	29	12	28	36	39	46	45	47	35	33	22	14	12
49	22	20		32	33	42	46	47	47	32	22	22	
50	16	24	23	33	37	48	52	47	41	24	30	14	14
51	22	29	22	31	37	47	46	46	39	33	31	25	22
52	22	15	26	30	42	46	49	48	39	31	25	18	15
53	19	8	29	35	33	40	51	48	42	34	32	25	2
54	7	7	27	33	38	48	47	45	38	33	27	28	7
55	19	9	18	31	34	41	51	49	40	27	24	24	9
56	3	-3	22	29	37	44	50	45	44	32	20	19	-3
57	14	29	29	32	34	44	52	45	40	34	26	22	14
58	19	20	20	28	38	46	52	50	48	36	31	25	19
59	16	21	29	32	38	47	55	50	43	34	29	27	16
60	9	21	28	35	34	47	45	48	40	36	30	24	9
61	17	31	31	42	40	49	45	47	43	34	23	12	12
62	16	15	18	33	34	38		45	42	36	19	10	
63	4	3	9	30	35	49	50	42	38	29	32	11	3
64	11	21	22	36	37	40	41	44	38	28	30	11	11
65	23	17	13	30	34	46	46	41	29	23	13	27	23
66	5	30	26	32	37	44	45	43	41	29	29	23	5
67	12	22	26	25	30		44	44	41	30	24	14	
68	-2	21	26	29	34	47	47	48	47	33		10	
69	24	4	24	31	39	44	42	45	38	33	26	6	4
70	12	8	17	29	33	46	42				32	12	
MEAN	14.5	16.5	23.2	32.0	36.4	44.6	47.4	46.4	40.9	31.4	25.9	17.9	30.3
S. D.	7.918	9.212	5.647	3.297	3.029	2.953	3.669	2.354	3.251	3.296	4.781	6.922	3.982
TOTAL OBS.	734	678	744	750	775	720	744	744	720	744	720	775	8888

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

35010 WIESBADEN AB GERMANY 46-70
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			18										MIN TEMP DAYS
52			30				45						MIN TEMP DAYS
67						41	29						MIN TEMP DAYS
68						29						30	MIN TEMP DAYS
70								53		32			MIN TEMP DAYS
								16	0	28			
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
 USAF ETAS
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

ALL
MONTH

PAGE 1

ALL
HOURS

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. WB.	Dry Bulb	Wet Bulb	Dew Point														
100/ 99																																		2	2
98/ 97																																		17	17
96/ 95																																		26	26
94/ 93																																		52	52
92/ 91																																		106	106
90/ 89																																		216	216
88/ 87																																		345	345
86/ 85																																		515	515
84/ 83																																		683	683
82/ 81																																		959	960
80/ 79																																		1355	1355
78/ 77																																		1834	1834
76/ 75																																		2727	2729
74/ 73																																		3097	3098
72/ 71																																		3896	3896
70/ 69																																		5064	5065
68/ 67																																		6155	6158
66/ 65																																		7570	7573
64/ 63																																		8400	8407
62/ 61																																		9464	9476
60/ 59																																		11009	11023
58/ 57																																		10780	10784
56/ 55																																		11164	11170
54/ 53																																		10089	10098
52/ 51																																		9734	9747
50/ 49																																		9819	9832
48/ 47																																		9594	9606
46/ 45																																		10158	10187
44/ 43																																		9337	9363
42/ 41																																		9603	9621
40/ 39																																		10080	10091
38/ 37																																		9656	9660
36/ 35																																		9896	9905
34/ 33																																		8645	8654
Element (X)	Z _x ²	Z _x		X		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																			
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) REPRODUCED BY PERMISSION OF THE POSTAL AIR OFFICE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

46-70

ALL

STATION

STATION NAME

YEARS

MO'S

PAGE 2

ALL

HOURS IN S. Y.

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														
32/31	.7	1.8	.7	.1	.0													6882	6883	9255	10956														
30/29	.5	1.4	.5	.0	.0													5235	5236	6795	9005														
28/27	.3	1.0	.3	.0	.0													3353	3353	4878	6386														
26/25	.3	.8	.2	.0	.0													2655	2656	3476	5679														
24/23	.1	.6	.1	.0	.0													1762	1768	2478	4180														
22/21	.1	.5	.1	.0	.0													1399	1399	1846	3396														
20/19	.1	.4	.0	.0	.0													1185	1194	1389	2474														
18/17	.1	.3	.0	.0	.0													712	723	1025	2269														
16/15	.1	.2	.0	.0	.0													647	653	737	1664														
14/13	.0	.1	.0	.0	.0													377	379	544	1322														
12/11	.0	.1	.0	.0	.0													234	234	304	1066														
10/9	.0	.1	.0	.0	.0													192	197	216	704														
8/7	.0	.0	.0	.0	.0													102	105	121	563														
6/5	.0	.0	.0	.0	.0													41	42	65	375														
4/3	.0	.0	.0	.0	.0													29	32	27	235														
2/1	.0	.0	.0	.0	.0													7	7	14	139														
0/0	.0	.0	.0	.0	.0													9	9	5	67														
-2/-3	.0	.0	.0	.0	.0													11	11	15	32														
-4/-5																					3	28													
-6/-7																						10													
-8/-9																						7													
-10/-11																						7													
-12/-13																						5													
-14/-15																						4													
-16/-17																						4													
-18/-19																						1													
-22/-23																						1													
TD)	7.1	34.8	24.5	2.1	7.7	5.4	3.5	2.2	1.3	.8	.4	.2	.1	.0	.0			217135		216880															
																		216885		216887															
Element (X)	Zx ²	Zx	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	1269603616	16228618	76.815,961	216880	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb	582431549	15805153	49.814,354	217135		81016	11086.8	479.4	143.9	3.8	8760																								
Wet Bulb	479394872	9865260	45.811,891	216887		91355.3	151.4	6.6	.0		8760																								
Dew Point	401280740	8958738	41.811,997	216880		6.82068,1	14.6	.6			8760																								

USAF ETAC FORM 0-26-5 (OL A) REVISION 15 NOV 64 PREVIOUS EDITIONS REPORTED BY THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

38010 WIESBADEN AB GERMANY

47-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTALS			
	0	1-2	3-4	5-6	7-8	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		.0	.0	.0	.0													9	9																				
54/53		.2	.1	.0	.0		.0											55	55	3																			
52/51	.0	.3	.2	.1	.0	.0												102	102	42	12																		
50/49	.0	.4	.3	.2	.1	.0												139	139	56	37																		
48/47	.0	.7	.6	.5	.4	.3												306	306	127	92																		
46/45	.1	.7	1.0	.8	.7	.6												603	603	249	145																		
44/43	.2	1.0	1.6	1.2	1.1	1.0												702	702	347	237																		
42/41	.3	3.0	2.1	1.3	1.2	1.1												966	966	682	405																		
40/39	.4	5.3	2.0	1.1	1.0	.9												1391	1391	1053	631																		
38/37	1.1	6.7	2.2	1.1	1.0	.9												1816	1816	1692	1012																		
36/35	1.9	7.9	2.3	1.1	1.0	.9												2178	2178	2021	1730																		
34/33	1.7	7.6	2.0	1.2	1.1	1.0												2043	2043	2105	1955																		
32/31	2.5	5.8	1.6	1.1	1.0	.9												1783	1784	2253	2141																		
30/29	1.7	4.8	1.4	1.1	1.0	.9												1415	1415	1654	1747																		
28/27	1.1	3.1	1.0	1.0	1.0	.9												937	937	1209	1441																		
26/25	1.1	3.0	.8	1.0	1.0	.9												880	880	940	1203																		
24/23	.7	2.4	.5	1.0	1.0	.9												637	637	820	927																		
22/21	.6	2.1	.2	1.0	1.0	.9												526	526	677	736																		
20/19	.3	2.1	.1	1.0	1.0	.9												485	484	544	560																		
18/17	.3	1.2	.1	1.0	1.0	.9												263	263	371	666																		
16/15	.3	.9	.0	1.0	1.0	.9												212	212	268	306																		
14/13	.1	.7	.0	1.0	1.0	.9												158	158	214	479																		
12/11	.1	.4	.0	1.0	1.0	.9												101	101	126	365																		
10/9	.1	.3	.0	1.0	1.0	.9												63	63	80	276																		
8/7	.1	.1	.0	1.0	1.0	.9												41	41	52	200																		
6/5	.1	.0	.0	1.0	1.0	.9												17	17	24	146																		
4/3	.0	.0	.0	1.0	1.0	.9												8	8	10	125																		
2/1	.0	.0	.0	1.0	1.0	.9												2	2	2	81																		
0/0	.0	.0	.0	1.0	1.0	.9												1	1	1	18																		
32/31	.0	.0	.0	1.0	1.0	.9												1	1	1	7																		
30/29	.0	.0	.0	1.0	1.0	.9															4																		
28/27	.0	.0	.0	1.0	1.0	.9															3																		
26/25	.0	.0	.0	1.0	1.0	.9															1																		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 57 F	≤ 73 F	≤ 80 F	≤ 93 F																												
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 34 JUL 64 0-26-5 (OL A) REPROD AT YOUR PERIORS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 47-70 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS T. 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												
TOTAL	14,762	720	4	2.0	.1	.0	.0											17849	17851	17848													

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						+10 F	+32 F	+67 F	+75 F	+80 F	+93 F	Total
Rel. Hum.	122856444	1468600	82.3	10.740	17850							744
Dry Bulb	20761776	391742	33.1	8.013	17851	.0	313.7					744
Wet Bulb	18700609	251191	21.4	7.622	17849	.0	389.2					744
Dew Point	15616628	302868	28.2	7.204	17848	1.4	484.1					744

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

67-70

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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/63				.0	.0	.0												1	1																
62/61				.0	.0	.0												6	6																
60/59			.0	.1	.0	.0												18	18																
58/57			.1	.1	.0	.0	.0											38	38																
56/55		.0	.1	.1	.1	.0	.0											52	52	7															
54/53		.0	.3	.2	.1	.0	.0											104	104	30	2														
52/51		.2	.6	.6	.2	.1	.0											154	184	43	14														
50/49	.0	.6	.8	.8	.4	.1	.0											308	308	130	39														
48/47	.1	.9	1.3	.6	.2	.0												342	342	269	113														
46/45	.2	1.9	1.8	.7	.1	.0												758	758	453	254														
44/43	.2	2.4	2.3	1.0	.1	.0												986	986	692	343														
42/41	.4	3.1	2.4	.7	.1	.0												1088	1088	962	588														
40/39	.6	4.4	3.1	.3	.1													1434	1434	1219	791														
38/37	1.1	4.9	2.6	.7	.1													1550	1550	1507	1075														
36/35	1.4	5.7	3.1	.7	.0													1778	1778	1669	1348														
34/33	1.2	6.7	2.8	.6	.0													1824	1824	1675	1527														
32/31	1.4	3.8	2.3	.4	.0													1904	1904	1574	1617														
30/29	1.2	3.6	2.1	.2														1182	1162	1398	1404														
28/27	.7	2.7	1.4	.0														770	770	1146	1084														
26/25	.9	2.4	.8															614	615	863	1006														
24/23	.3	1.9	.3	.0														465	465	649	841														
22/21	.4	1.7	.2															390	390	489	653														
20/19	.5	1.7	.0															364	366	440	603														
18/17	.3	.9	.0															211	212	339	446														
16/15	.3	.8	.0															181	182	188	337														
14/13	.2	.8	.0															120	120	166	407														
12/11	.2	.3																80	80	97	348														
10/9	.2	.1																103	103	99	213														
8/7	.1	.1																55	56	63	184														
6/5	.1	.1																23	24	37	114														
4/3	.0	.1																21	24	17	73														
2/1	.0	.1																5	5	12	48														
0/0	.0	.0																9	9	5	41														
0/0	.0	.0																10	10	14	24														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESEBACH AB GERMANY 46-70 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB. - WB.	Dry Bulb	Wet Bulb	Dew Point																	
78/ 77																																		1	1			
76/ 75																																			2	2		
74/ 73																																			3	3		
72/ 71																																			7	7		
70/ 69																																			31	31		
68/ 67																																			54	54		
66/ 65																																			78	78		
64/ 63																																			94	94		1
62/ 61																																			153	153		1
60/ 59																																			225	225		1
58/ 57																																			303	303		4
56/ 55																																			461	461		6
54/ 53																																			559	559		21
52/ 51																																			821	821		76
50/ 49																																			1118	1125		176
48/ 47																																			1399	1400		412
46/ 45																																			1563	1563		777
44/ 43																																			1485	1486		1042
42/ 41																																			1693	1696		1291
40/ 39																																			1770	1770		1244
38/ 37																																			1555	1555		1468
36/ 35																																			1364	1364		1815
34/ 33																																			1258	1259		1765
32/ 31																																			1007	1007		1691
30/ 29																																			657	658		1538
28/ 27																																			407	407		1146
26/ 25																																			248	248		1112
24/ 23																																			117	117		634
22/ 21																																			55	55		831
20/ 19																																			24	25		528
18/ 17																																			19	22		306
16/ 15																																			10	11		212
14/ 13																																			8	8		159
12/ 11																																			7	7		85
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																					
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 164 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 STATION WIESBADEN AB GERMANY 46-70 YEARS MAR

PAGE 2 ALL
HOURS - L, S, T, I

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															
9/ 9	0																	5	5	7	30															
8/ 7																					14															
6/ 5																					12															
4/ 3																					3															
2/ 3																					1															
TOTAL	4,733	232	916	117	73	34	14	7	3	1	0						18561	18580		18561																
																	18561			18562																

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	101954209	1247311	72.4	15.034	18561							
Dry Bulb	33876739	776968	41.8	8.637	18580		102.9	3.9	.2			744
Wet Bulb	27975029	707657	38.1	7.326	18562		179.4					744
Dew Point	21547898	513449	33.1	6.282	18561	0.338	4					744

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-79 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85																		4	4																
84/ 83																		8	8																
82/ 81																		21	21																
80/ 79																		16	16																
78/ 77																		47	47																
76/ 75																		94	94																
74/ 73																		126	126																
72/ 71																		173	173	1															
70/ 69																		207	207																
68/ 67																		248	248	2															
66/ 65																		344	346	10	1														
64/ 63																		448	450	21															
62/ 61																		551	551	66	1														
60/ 59																		789	790	199	6														
58/ 57																		932	934	363	21														
56/ 55																		1229	1229	585	57														
54/ 53																		1431	1432	908	194														
52/ 51																		1525	1529	1465	431														
50/ 49																		1704	1706	1772	896														
48/ 47																		1591	1595	1878	1241														
46/ 45																		1504	1514	1968	1443														
44/ 43																		1303	1308	1859	1499														
42/ 41																		1194	1197	1691	1709														
40/ 39																		1001	1001	1712	1677														
38/ 37																		574	574	1372	1812														
36/ 35																		439	439	970	1817														
34/ 33																		232	232	568	1570														
32/ 31																		135	135	325	1245														
30/ 29																		42	42	120	937														
28/ 27																		9	9	50	553														
26/ 25																		2	2	15	362														
24/ 23																				1	265														
22/ 21																					152														
20/ 19																					49														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature																												
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

40-70
YEARS

MAY
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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
90/ 89																																	1	1		
88/ 87																																	5	6		
86/ 85																																	26	26		
84/ 83																																	30	30		
82/ 81																																	54	54		
80/ 79																																	121	121		
78/ 77																																	192	192		
76/ 75																																	295	297		
74/ 73																																	350	351		
72/ 71																																	484	484	2	
70/ 69																																	645	646	20	
68/ 67																																	685	686	85	5
66/ 65																																	862	862	184	11
64/ 63																																	1041	1042	363	46
62/ 61																																	1293	1297	570	120
60/ 59																																	1514	1617	1042	303
58/ 57																																	1693	1695	1294	551
56/ 55																																	1766	1769	1829	837
54/ 53																																	1727	1729	2099	1075
52/ 51																																	1594	1595	2222	1460
50/ 49																																	1306	1306	2336	1782
48/ 47																																	966	966	1993	2026
46/ 45																																	777	777	1625	2000
44/ 43																																	422	422	1238	1954
42/ 41																																	284	284	731	1813
40/ 39																																	164	164	494	1390
38/ 37																																	103	103	242	1101
36/ 35																																	47	47	123	850
34/ 33																																	16	16	59	530
32/ 31																																	4	4	14	353
30/ 29																																	1	1	4	212
28/ 27																																				100
26/ 25																																				31
24/ 23																																				13
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	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 DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70

MAY MONTH

PAGE 2 ALL
 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																				
22/ 21 18/ 17																																							5 1	
TOTAL	1,416.4	222.5	173.1	111.3	77.2	42.2	29.1	15.5	6.6	2.2	0.0																											18590 18569	18569	18569
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.	87663492	1236457	66.6	16.914	18569	≤ 0 F	$= 32$ F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																												
Dry Bulb	62573816	1066056	57.3	8.801	18590		2	115.8	43.1	7.3		744																												
Wet Bulb	48970246	946322	51.0	6.327	18569		7	4.3				744																												
Dew Point	39061516	841324	45.3	7.057	18569		28.6	2				744																												

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70

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	DB	WB	Dry Bulb	Wet Bulb	Dew Point															
96/95																																		8	8		
94/93																																		8	8		
92/91																																		25	25		
90/89																																		49	49		
88/87																																		74	74		
86/85																																		105	105		
84/83																																		156	156		
82/81																																		207	207		
80/79																																		293	293	4	
78/77																																		406	406	4	
76/75																																		576	576	9	3
74/73																																		674	674	9	7
72/71																																		805	805	51	11
70/69																																		989	989	156	19
68/67																																		1230	1230	431	19
66/65																																		1456	1486	784	101
64/63																																		1566	1566	1211	330
62/61																																		1551	1552	1582	700
60/59																																		1726	1726	2106	1044
58/57																																		1560	1560	2185	1597
56/55																																		1588	1588	2437	1930
54/53																																		1112	1114	2258	2133
52/51																																		811	811	1838	2230
50/49																																		523	523	1332	2205
48/47																																		247	247	871	1753
46/45																																		112	112	410	1394
44/43																																		68	68	174	1030
42/41																																		24	24	87	661
40/39																																		5	5	34	352
38/37																																		1	1	15	211
36/35																																					104
34/33																																				73	
32/31																																				30	
30/29																																				7	
Element (K)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 164 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

JUL
MONTH

PAGE 1

ALL
HOURS U.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	De-Point																			
100/ 99																																			2	2				
98/ 97																																			17	17				
96/ 95																																			17	17				
94/ 93																																				36	36			
92/ 91																																				43	43			
90/ 89																																				91	91			
88/ 87																																				149	149			
86/ 85																																				230	230			
84/ 83																																				267	267			
82/ 81																																				333	333			
80/ 79																																				511	511		1	
78/ 77																																				559	559		9	
76/ 75																																				765	765		26	
74/ 73																																				815	815		92	
72/ 71																																				978	978		207	
70/ 69																																				1253	1253		476	
68/ 67																																				1455	1455		816	
66/ 65																																				1616	1616		1193	
64/ 63																																				1674	1674		1722	
62/ 61																																				1760	1760		2021	
60/ 59																																				1875	1877		2534	
58/ 57																																				1531	1531		2708	
56/ 55																																				1174	1176		2531	
54/ 53																																				680	680		1975	
52/ 51																																				408	408		1148	
50/ 49																																				173	173		677	
48/ 47																																				90	90		311	
46/ 45																																				49	49		158	
44/ 43																																				4	4		46	
42/ 41																																				7	7		11	
40/ 39																																						2	95	
38/ 37																																							4	27
36/ 35																																							4	
32/ 31																																							1	
Element (X)	Z _x ²	Z _x	X	x	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																												
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 84 0.26-5 (OL A) REVISED EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN, AA GERMANY 66-70 JUL
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL	Wet Bulb	Dew Point								
TOTAL	1.0	16.9	22.9	15.6	12.6	13.0	7.8	5.2	3.6	2.3	1.3	.6	.2	.2	.1		18565	18569	18563									
																		18565	18565									
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																	
Rel. Hum.	93343730	1279702	58.9	16.606	18562	≤ 0 F	= 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb	81139476	1216204	65.5	1.812	18569			301.2	152.7	57.5	2.9	744																
Wet Bulb	64450327	1089003	58.7	2.544	18569			65.2	5.2			744																
Dew Point	54850600	1002512	54.1	2.690	18569			.0	8.9	.2		744																

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 18455
 STATION STATION NAME YEARS MONTHS

PAGE 1 ALL

USAFETAC FORM 0-26-5 (OL-A) 15 MAR 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	TOTAL													
96/95																																			1	1
94/93																																			7	7
92/91																																			31	31
90/89																																			54	54
88/87																																			92	92
86/85																																			124	124
84/83																																			170	170
82/81																																			255	255
80/79																																			303	303
78/77																																			452	452
76/75																																			729	729
74/73																																			706	706
72/71																																			939	939
70/69																																			1232	1232
68/67																																			1501	1501
66/65																																			1842	1842
64/63																																			1669	1669
62/61																																			1833	1833
60/59																																			1893	1893
58/57																																			1492	1492
56/55																																			1261	1261
54/53																																			756	756
52/51																																			479	479
50/49																																			254	254
48/47																																			115	115
46/45																																			38	38
44/43																																			8	8
42/41																																			2	2
40/39																																			1	1
38/37																																			1	1
TOTAL	2.0	9.2	23.4	15.3	12.1	9.9	7.2	5.2	2.6	1.4	.7	.6	.2	.0	.0																			18455	18455	
Element (X)	Zx ²	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	97108329	1303711	70.6	10.478	18455	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																								
Dry Bulb	77877794	1189746	64.4	5.036	18455			266.3	116.3	36.0	.3	744																								
Wet Bulb	62831371	1072613	58.1	3.156	18455			42.1	.4			744																								
Dew Point	53943513	992722	53.6	2.427	18455			2.3	.0			744																								

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

SEP
MONTH

PAGE 1

ALL
HOURS U.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. WB	Dry Bulb	Wet Bulb	Dew Point																	
94/93																																		1	1			
92/91																																		4	4			
90/89																																		21	21			
88/87																																		24	24			
86/85																																		26	26			
84/83																																		52	52			
82/81																																		79	79			
80/79																																		109	109			
78/77																																		171	171			
76/75																																		258	258			
74/73																																		397	397	1		
72/71																																		468	468	27	1	
70/69																																		618	618	94	6	
68/67																																		652	654	200	14	
66/65																																		1134	1135	372	74	
64/63																																		1308	1311	720	192	
62/61																																		1715	1720	1181	477	
60/59																																		1872	1877	1800	1034	
58/57																																		1847	1847	2077	1419	
56/55																																		1828	1828	2321	1765	
54/53																																		1482	1482	2236	1965	
52/51																																		1234	1234	2167	2161	
50/49																																		937	937	1753	2216	
48/47																																		530	530	1207	1932	
46/45																																		363	363	732	1514	
44/43																																		206	206	439	1126	
42/41																																		103	103	216	817	
40/39																																		25	25	112	472	
38/37																																		13	13	46	305	
36/35																																		5	5	10	131	
34/33																																					1	55
32/31																																					24	
30/29																																					8	
28/27																																					3	
Element (X)	ΣX^2			ΣX			X			\bar{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 34
 0-26-5 (OL A)
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/44C

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 45-70 CCT
 STATION STATION NAME YEARS 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	D. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79										.0	.0																					2	2		
78/ 77										.0	.0																					5	5		
76/ 75									.0	.0	.0																					8	8		
74/ 73						.0	.0	.1	.0	.0	.0																					25	26		
72/ 71				.0	.0	.1	.0	.0	.0	.0	.0																					42	42		
70/ 69				.0	.1	.1	.1	.1	.0	.0	.0																					89	89		
68/ 67			.1	.1	.2	.3	.1	.0	.0	.0	.0																					126	126		
66/ 65		.0	.1	.3	.4	.3	.1	.0	.0	.0	.0																					205	205	2	
64/ 63		.0	.3	.8	.9	.6	.3	.1	.0	.0	.0																					394	394	35	
62/ 61	.0	.2	.8	1.1	1.1	.6	.3	.1	.0	.0	.0																					583	583	102	10
60/ 59	.0	.7	1.0	1.0	1.1	.7	.4	.2	.0	.0	.0																					949	949	276	44
58/ 57	.1	1.8	2.0	2.0	2.1	.7	.4	.2	.0	.0	.0																					1238	1238	711	224
56/ 55	.4	2.5	2.4	2.4	2.4	.7	.4	.2	.0	.0	.0																					1480	1481	1293	613
54/ 53	.6	3.4	3.0	3.0	3.0	.6	.4	.2	.0	.0	.0																					1702	1706	1386	1061
52/ 51	.7	3.8	3.3	3.3	3.3	.6	.4	.2	.0	.0	.0																					1862	1867	1711	1390
50/ 49	1.4	4.3	3.7	3.7	3.7	.5	.3	.2	.0	.0	.0																					2010	2011	2118	1738
48/ 47	1.3	4.2	3.5	3.5	3.5	.2	.1	.0	.0	.0	.0																					1806	1806	2242	1876
46/ 45	1.1	5.0	3.8	3.8	3.8	.1	.1	.0	.0	.0	.0																					1735	1735	2049	1902
44/ 43	.8	3.9	3.0	3.0	3.0	.1	.0	.0	.0	.0	.0																					1244	1245	2029	1867
42/ 41	1.0	3.0	2.1	2.1	2.1	.2	.1	.0	.0	.0	.0																					1050	1050	1475	1906
40/ 39	.6	2.6	1.7	1.7	1.7	.0	.0	.0	.0	.0	.0																					816	816	1123	1671
38/ 37	.3	1.8	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0																					496	497	821	1179
36/ 35	.8	1.0	.6	.6	.6	.0	.0	.0	.0	.0	.0																					318	318	521	1152
34/ 33	.3	.6	.4	.4	.4	.0	.0	.0	.0	.0	.0																					193	193	320	761
32/ 31	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0																					108	108	205	501
30/ 29	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0																					51	51	90	261
28/ 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					14	14	43	122
26/ 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					5	5	6	108
24/ 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					4	4	6	79
22/ 21																																			63
20/ 19																																			14
18/ 17																																			13
16/ 15																																			3
14/ 13																																			1
Element (X)	ΣX²		ΣX		X̄		Sx		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																																			

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESSADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

NOV
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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point								
68/67						.0																				1	1								
66/65					.0	.0																				3	3								
64/63					.0	.0																				5	5								
62/61				.0	.0	.0																				19	19								
60/59				.1	.1	.0																				44	44	5							
58/57			.1	.1	.1	.0																				113	113	6							
56/55	.0	.4	.6	.4	.4	.2																				277	277	56	4						
54/53	.0	.4	1.0	.8	.8	.4																				403	403	159	66						
52/51	.0	.4	1.0	1.0	.8	.4																				567	570	201	147						
50/49	.0	.4	1.0	1.0	.8	.4				.0																969	972	338	279						
48/47	.0	.4	1.0	1.0	.8	.4				.0																1472	1478	954	481						
46/45	.0	.4	1.0	1.0	.8	.4				.0																1877	1896	1625	969						
44/43	.0	.4	1.0	1.0	.8	.4				.0																1882	1901	2023	1478						
42/41	.0	.4	1.0	1.0	.8	.4				.0																1954	1966	2023	1903						
40/39	.0	.4	1.0	1.0	.8	.4				.0																1923	1936	2209	2097						
38/37	.0	.4	1.0	1.0	.8	.4				.0																1620	1622	1794	2043						
36/35	.0	.4	1.0	1.0	.8	.4				.0																1528	1537	1758	1970						
34/33	.0	.4	1.0	1.0	.8	.4				.0																1928	1935	1483	1695						
32/31	.0	.4	1.0	1.0	.8	.4				.0																938	938	1315	1402						
30/29	.0	.4	1.0	1.0	.8	.4				.0																490	490	796	1118						
28/27	.0	.4	1.0	1.0	.8	.4				.0																246	246	457	758						
26/25	.0	.4	1.0	1.0	.8	.4				.0																126	126	193	637						
24/23	.0	.4	1.0	1.0	.8	.4				.0																44	44	104	358						
22/21	.0	.4	1.0	1.0	.8	.4				.0																20	20	33	216						
20/19	.0	.4	1.0	1.0	.8	.4				.0																11	11	14	119						
18/17	.0	.4	1.0	1.0	.8	.4				.0																1	1	3	74						
16/15	.0	.4	1.0	1.0	.8	.4				.0																4	4	4	21						
14/13																														9					
12/11																														10					
10/9																														3					
8/7																														5					
6/5																														3					
TOTAL	13	55	224	9	4	9	1	0	.2	.0																17865	17958	17865	17865						
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	12867112	1509317	86.310	129	17865	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	31192831	738533	41.1	6.797	17865		73.4	.0				720																							
Wet Bulb	28032448	698748	39.1	6.272	17865		117.0					720																							
Dew Point	24699172	653158	36.6	6.771	17865		190.8					720																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

33010 WIESBADEN AB GERMANY

46-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL
 HOURS 1-24

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		.0			.0													4	4								
58/57		.0	.0	.0	.0													13	13	3							
56/55		.1	.1	.0	.0													39	39	11	6						
54/53		.1	.3	.1	.0													76	76	22	14						
52/51	.0	.4	.3	.1														147	147	46	18						
50/49	.1	1.0	.7	.2	.0													368	368	167	63						
48/47	.1	1.4	1.1	.2	.0													527	527	305	175						
46/45	.4	2.3	1.2	.2	.0													779	779	549	318						
44/43	.5	3.0	1.9	.1														1027	1027	830	537						
42/41	.5	4.1	1.3	.0														1237	1237	1076	865						
40/39	1.0	5.3	1.9	.1														1521	1521	1444	1002						
38/37	1.4	6.8	2.0	.1	.0													1928	1928	1630	1297						
36/35	2.4	7.8	1.8	.1														2239	2239	2133	1856						
34/33	2.3	7.0	1.7	.0														2051	2052	2266	2129						
32/31	2.3	5.3	1.0	.0														1603	1603	1998	2011						
30/29	2.3	4.5	1.0	.0														1417	1417	1601	1773						
28/27	1.8	3.4	.6	.0														970	970	1172	1181						
26/25	1.7	2.7	.4	.0														780	780	981	1220						
24/23	.4	2.0	.2															501	501	640	862						
22/21	.4	1.5	.2															408	408	522	740						
20/19	.4	1.2	.1															301	306	349	539						
18/17	.4	.8	.0															218	225	287	534						
16/15	.4	.9	.0															240	244	258	382						
14/13	.1	.4	.0															91	93	152	266						
12/11	.1	.2	.0															46	46	76	277						
10/9	.1	.1	.0															21	26	30	182						
8/7		.0																6	6	6	160						
6/5		.0																1	1	4	100						
4/3																					34						
2/1																					10						
0/0																					8						
TOTAL	18.0	62.2	218.2	1.5	.1														18559	18559	18559						

Element (X)	Z _x ²	Z _x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	134046174	1566336	84.4	9.986	18559	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	23573976	643418	34.7	7.900	18559		265.2					744
Wet Bulb	21488722	615640	33.2	7.381	18559		323.8					744
Dew Point	18549665	564205	30.4	8.678	18559		412.1					744

USAFETAC FORM 0-25-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 47-70 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B. Dry Bulb	Wet Bulb De- Point																
56/55		.0																1	1																
54/53		.0																0	0	1															
52/51		.2	.2	.0														9	9	6	2														
50/49		.2	.2	.0														6	6	8	6														
48/47		.7	.9	.2														27	27	9	6														
46/45	.2	1.9	.9	.1														66	66	27	13														
44/43	.2	1.9	1.3	.0														71	71	54	37														
42/41	.2	2.7	1.3	.1														97	97	67	48														
40/39	.4	5.0	1.7															156	156	133	55														
38/37	1.5	6.2	1.9															214	214	176	131														
36/35	2.1	9.0	1.8															268	288	250	201														
34/33	1.0	9.2	1.9	.1														280	280	285	240														
32/31	2.9	6.0	1.9	.1														232	232	305	285														
30/29	1.8	5.7	.7															183	183	193	217														
28/27	1.3	3.8	.6															126	126	175	192														
26/25	1.1	3.5	.7															118	118	113	151														
24/23	.9	1.7	.9															69	69	98	125														
22/21	.4	2.3	.4															71	71	80	81														
20/19	.8	2.3	.1															72	72	82	70														
18/17	.2	1.1																23	28	46	78														
16/15	.4	1.3																38	38	35	63														
14/13	.2	1.2																32	32	38	65														
12/11	.1	.8																20	20	26	38														
10/9	.1	.3																8	8	12	45														
8/7	.0																	5	5	8	29														
6/5	.1																	2	2	2	18														
4/3	.0																	1	1	1	17														
2/1																					14														
0/-1																					1														
TOTAL	17.2	66.9	15.2	.8														2230	2230	2230	2230														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_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.	15877211	186879	83.8	9.851	2230							93
Dry Bulb	2477502	72168	32.4	7.989	2230		41.9					93
Wet Bulb	2258500	68840	30.9	7.736	2230		50.6					93
Dew Point	1917905	62237	27.9	9.009	2230	.0	62.1					93

USAFETAC FORM 0-26-5 (OL A) REVERSED REVERSE SIDINGS OF THIS FORM ARE OBSOLETE
 JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

47-76
YEARS

JAN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point								
56/55			.1															2	2										
54/53			.0															3	3	2									
52/51			.4	.1	.1													13	13	1	2								
50/49			.0	.1	.0													4	4	12	4								
48/47	.1	.6	.4	.0														24	24	6	10								
46/45	.2	1.3	.8	.0														51	51	24	13								
44/43	.4	1.8	1.5															82	82	58	27								
42/41	.1	2.3	1.7	.3														88	88	63	40								
40/39	.4	4.2	1.1															126	126	98	75								
38/37	1.2	6.4	1.3															196	196	171	90								
36/35	2.4	8.9	1.7															294	294	247	207								
34/33	2.4	8.7	1.6															282	282	288	247								
32/31	2.6	6.0	1.0															216	216	292	264								
30/29	2.3	5.9	1.0															205	205	213	218								
28/27	2.1	3.7	.4															137	137	181	197								
26/25	.9	3.7	.4															112	112	106	155								
24/23	1.2	2.9	.3															98	98	113	132								
22/21	.6	2.3	.1															66	66	91	95								
20/19	.7	2.6	.5															81	81	65	72								
18/17	.4	1.6	.0															47	47	66	84								
16/15	.3	1.1																30	30	42	67								
14/13	.3	1.2																33	33	38	55								
12/11	.2	.5																17	17	24	49								
10/9	.0	.6																14	14	15	32								
8/7	.2	.0																6	6	11	36								
6/5	.1																	3	3	3	20								
4/3	.0																	1	1	1	24								
2/1	.0																	1	1	1	14								
0/-1																					2								
-2/-3																					1								
TOTAL	19.466	913.4	.2															2232	2232	2232	2232								

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16133972	188508	84.5	9.774	2232	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2401975	70963	31.8	8.084	2232		44.5					93
Wet Bulb	2280210	67860	30.4	7.837	2232		52.6					93
Dew Point	1877795	61665	27.5	9.110	2232		.1	63.2				93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 67-70 YEARS JAN
STATION 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.	Div Bulb	Wet Bulb	Dew Point														
54/53		.1	.1															6	6																
52/51	.0	.2	.1															7	7	5	2														
50/49		.3	.1															12	12	9	3														
48/47		.5	.4		.1													23	23	11	6														
46/45	.0	1.5	1.0		.0													57	57	21	19														
44/43	.3	1.5	1.0															62	62	56	20														
42/41	.0	2.5	.9															77	77	63	37														
40/39	.4	5.2	1.2															152	152	100	74														
38/37	1.0	6.1	1.4															190	190	171	99														
36/35	2.7	8.6	1.2	.3														278	278	242	204														
34/33	2.3	7.1	1.8															251	251	279	245														
32/31	3.4	7.2	.3															255	255	274	261														
30/29	2.4	4.7	1.2															184	184	217	225														
28/27	1.6	4.0	.4															133	133	161	176														
26/25	2.2	3.1	.5															130	130	140	168														
24/23	1.0	3.4	.4															107	107	106	132														
22/21	.7	2.2	.1															59	69	100	89														
20/19	1.0	2.5	.1															82	83	76	72														
18/17	.3	1.8	.1															31	51	62	95														
16/15	.2	1.9	.1															24	24	45	63														
14/13	.4	1.0																30	30	33	59														
12/11	.5	.5																18	18	24	46														
10/9	.1	.5																15	15	12	38														
8/7	.2	.3																12	12	14	34														
6/5	.1																	3	3	7	12														
4/3	.1																	2	2	2	20														
2/1																					24														
0/-1																					5														
-2/-3	.0																	1	1	1	2														
TOTAL	21.0	65.8	13.0	.2														2231	2232	2231	2290														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16182849	189759	84.6	9.760	2231	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2378130	70514	31.6	8.211	2232	.0	46.5					93
Wet Bulb	2180367	67455	30.2	7.947	2231	.0	53.1					93
Dew Point	1861227	61073	27.4	9.199	2230	.3	63.4					93

USAFETAC FORM 41 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 47-70 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 C900-1100
 HOURS 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													
54/ 53		.0	.2															5	5																
52/ 51		.1	.1	.0														7	7		4														
50/ 49		.5	.2	.0														19	19		8	3													
48/ 47	.0	.8	.4	.1														40	40		17	12													
46/ 45		1.0	.6	.1														52	52		30	18													
44/ 43	.1	1.7	1.3	.2														75	75		65	25													
42/ 41	.2	3.3	2.3	.1														133	133		70	54													
40/ 39	.3	5.1	3.3	.0														162	162		126	80													
38/ 37	1.1	6.7	4.0	.1														222	222		208	106													
36/ 35	2.2	7.2	4.0															256	256		243	213													
34/ 33	2.1	7.4	4.0	.0														250	250		245	242													
32/ 31	2.3	5.9	3.0	.0														212	212		273	251													
30/ 29	2.1	5.0	2.0	.1														179	179		221	223													
28/ 27	1.3	3.9	1.0	.0														140	140		133	173													
26/ 25	1.2	3.5	.8															122	122		132	165													
24/ 23	.6	3.4	.2															95	95		117	116													
22/ 21	1.1	2.3	.2															81	81		111	85													
20/ 19	.6	2.0	.3															65	65		67	83													
18/ 17	.2	1.3																34	34		53	107													
16/ 15	.3	1.0																29	29		35	56													
14/ 13	.1	.9																22	22		28	54													
12/ 11	.1	.4																11	11		14	43													
10/ 9	.1	.2																7	7		11	45													
8/ 7	.1	.2																7	7		9	25													
6/ 5	.1	.0																4	4		3	19													
4/ 3	.0																	1	1		2	12													
2/ 1	.0																	1	1		1	11													
0/ -1																						6													
-2/ -3																						2													
TOTAL	16.3	64.6	18.0	1.1																2231	2231	2231													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15600103	185135	82.0	10.310	2231	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2508286	72612	32.5	8.063	2231		42.1					93
Wet Bulb	2272595	69062	31.0	7.771	2231		50.4					93
Dew Point	1909990	62068	27.8	9.067	2231		61.6					93

USAFETAC FORM 34 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAF
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 RIESBADEN AB GERMANY 47-79 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS U.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	31-32	D.B. - W.B.	Dry Bulb	Wet Bulb	De-w Point	Rel. Hum.													
56/55			.1		.0													4	4																
54/53			.2	.1														8	8																
52/51		.5	.5	.2		.0												28	28	4	1														
50/49		.5	.5	.2														28	28	19	4														
48/47		.7	1.3	.5	.0													57	57	28	17														
46/45	.3	1.8	2.4	.8	.1													115	115	42	25														
44/43	.3	2.1	2.5	.8	.0													129	129	89	41														
42/41	.0	3.9	3.5	.4														175	175	110	58														
40/39	.4	5.3	3.1	.4	.0													206	206	198	101														
38/37	.5	5.3	3.2	.4														213	213	245	136														
36/35	1.1	6.5	3.6	.3	.0													258	258	221	214														
34/33	1.1	6.0	3.0	.5	.0													238	238	246	242														
32/31	1.3	5.2	1.7	.2														188	188	256	275														
30/29	1.1	3.9	2.2	.2														166	166	199	190														
28/27	.6	2.4	1.2	.0														108	108	140	175														
26/25	.8	2.1	1.1															91	91	125	171														
24/23	.4	2.0	.7															68	68	93	99														
22/21	.5	1.6	.2															51	51	74	91														
20/19	.2	1.9	.1															49	49	58	75														
18/17	.0	.8	.1															21	21	40	88														
16/15		.7	.0															16	16	19	54														
14/13		.3																7	7	16	63														
12/11	.0	.2																5	5	4	49														
10/9		.1																3	3	5	90														
8/7																				1	11														
6/5																					18														
4/3																					10														
2/1																					3														
0/-1																					1														
TOTAL		8,553	732.3	5.2	.4	.0													2232	2232	2232														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	14183132	176058	78.9	11.515	2232	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93																							
Dry Bulb	2865991	78093	35.0	7.740	2232		32.2					93																							
Wet Bulb	2518751	73153	32.8	7.366	2232		42.9					93																							
De-w Point	2033797	64449	28.9	8.801	2232	.0	58.0					93																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 NIESSBADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS U.T.C.

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.S. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
56/55			.0	.0																													2	2						
54/53		.2	.1	.1																													9	9						
52/51		.5	.3	.3	.0																												25	25	8	2				
50/49		.5	.6	.2	.0																												36	36	17	6				
48/47		.9	1.7	.7	.0																													73	73	20	15			
46/45	.1	1.8	2.0	.5																															104	104	57	25		
44/43		2.1	2.6	.8																															121	121	96	25		
42/41	.1	3.7	2.7	1.1																															169	169	115	78		
40/39	.5	5.8	3.5	.5	.0																															226	226	176	93	
38/37	.9	6.1	3.2	.4	.1																															236	236	240	162	
36/35	.9	7.0	3.2	.4	.1																															259	259	270	248	
34/33	1.4	6.1	3.1	.4	.1																															246	246	241	210	
32/31	1.9	3.9	2.2	.3																																158	189	268	254	
30/29	.9	3.6	2.4	.2																																159	159	191	235	
28/27	.4	1.8	1.9	.1																																94	94	137	166	
26/25	.6	2.6	1.3																																	101	101	100	129	
24/23	.5	1.5	.6																																	59	59	112	109	
22/21	.4	1.3	.2																																	41	41	69	96	
20/19	.1	1.4	.2																																	39	39	43	80	
18/17	.0	1.0	.1																																	25	26	31	70	
16/15	.0	.4																																		10	10	25	65	
14/13		.1																																		2	2	7	60	
12/11		.2																																		4	4	3	37	
10/9		.0																																		1	1	4	22	
8/7		.0																																		1	1	1	19	
6/5																																							15	
4/3																																							7	
2/1																																							4	
TOTAL	9.0	52.2	32.0	6.4	.4																																2231	2232	2231	2232
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total																													
Rel. Hum.	14119552	175544	78.6	11.849	2232	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																												
Dry Bulb	2913333	78887	35.3	7.490	2232		30.2					93																												
Wet Bulb	2539291	73853	33.1	7.166	2231		41.2					93																												
Dew Point	2064697	65062	29.2	8.680	2232		57.0					93																												

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

47-70 YEARS

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5	6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
54/ 53			.3	.0																	5	8												
52/ 51			.1	.1																	6	6	7	1										
50/ 49	.1	.4	.4	.1																	23	23	7	6										
48/ 47		.7	.8	.1																	37	37	20	14										
46/ 45		1.8	1.8	.3	.0																89	89	24	18										
44/ 43	.2	2.6	1.2	.0																	90	90	72	28										
42/ 41	.2	2.8	2.7	.2																	131	131	113	47										
40/ 39	.2	6.6	1.3	.1																	198	198	114	38										
38/ 37	1.1	7.8	2.7	.0																	261	261	252	152										
36/ 35	1.4	7.7	2.4	.1																	260	260	264	223										
34/ 33	1.1	8.0	1.7	.1																	245	245	259	248										
32/ 31	2.8	6.1	2.3	.2																	253	253	293	274										
30/ 29	1.1	4.4	1.0	.1																	164	164	203	225										
28/ 27	.4	2.7	1.0	.1																	90	90	136	178										
26/ 25	1.1	2.6	1.1																		106	106	110	125										
24/ 23	.4	2.3	.3																		76	76	92	111										
22/ 21	.4	2.5	.3																		71	71	80	103										
20/ 19	.2	1.5	.0																		38	38	76	52										
18/ 17	.0	.7	.0																		18	18	29	67										
16/ 15	.4	1.0	.0																		32	32	24	72										
14/ 13	.0	.4	.0																		11	11	27	61										
12/ 11	.2	.4	.0																		13	13	13	39										
10/ 9	.0	.2	.0																		5	5	7	30										
8/ 7		.2	.0																		5	5	5	21										
6/ 5																							3	20										
4/ 3	.0																				1	1	1	16										
2/ 1																								6										
0/ -1																								1										
-2/ -3																								2										
-4/ -5																								1										
-6/ -7																								1										
-8/ -9																								1										
TOTAL		11.364	122.7	1.6	.0																	2231	2231	2230										

Element (X)	ΣX²	ΣX	\bar{X}	s _x	No. Obs.	Mean No. of hours with Temperature						
Rel. Hum.	1514095	18224	81.7	10.66	2231	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2671366	75270	33.7	7.690	2231		36.8					93
Wet Bulb	2601511	71277	31.9	7.668	2231		45.8					93
Dew Point	2001643	63743	28.6	8.961	2230	.2	58.6					93

USAFETAC FORM 0-20-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JAN 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

JAN
MONTH

PAGE 1 2109-2300
HOURS U.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		.3						.0										8	8																
52/51		.1	.0	.1														7	7	7	2														
50/49		.0	.2	.0														19	19	6	5														
48/47	.1	.7	.3	.1														25	25	16	10														
46/45		1.9	1.1	.1														69	69	24	14														
44/43	.1	1.9	1.2															72	72	37	34														
42/41	.1	2.5	1.6	.1														96	96	81	43														
40/39	.5	5.4	1.5	.0														163	163	108	65														
38/37	1.5	9.1	2.1	.0														284	284	229	136														
36/35	2.2	8.3	2.2	.1														265	285	279	220														
34/33	1.4	8.2	1.5	.1														251	251	262	261														
32/31	2.5	6.4	1.8															239	239	292	277														
30/29	1.7	5.3	.9															175	175	217	214														
28/27	.9	2.9	1.1															109	109	143	184														
26/25	1.3	2.6	.6															100	100	114	139														
24/23	.4	1.9	.5															65	65	89	113														
22/21	.8	2.4	.2															76	76	72	96														
20/19	.3	2.3																59	59	77	56														
18/17	.2	1.5																38	38	44	77														
16/15	.3	1.2																33	33	43	64														
14/13	.1	.9																21	21	27	62														
12/11	.1	.7																13	13	18	44														
10/9	.3	.7																10	10	14	34														
8/7	.0	.2																5	5	3	25														
6/5	.1	.1																5	5	6	24														
4/3	.0	.0																2	2	3	19														
2/1																					5														
0/-1																					2														
-2/-3																					2														
-4/-5																					2														
-6/-7																					2														
TOTAL	15.2	67.1	19.8	.9			.0											2231	2231	2231															

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	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	2544913	73235	32.8	7.948	2231		39.6					93
Wet Bulb	2309184	69688	31.2	7.703	2231		48.4					93
Dew Point	1950144	62772	28.1	9.088	2231	3	60.1					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

47-70

FEB

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															
54/53			.0	.2														9	9																	
52/51			.1	.3	.0													15	15	2																
50/49			.4	.4														17	17	11	1															
48/47			.4	.4														53	53	30	17															
46/45			.8	.9	.0													65	65	40	33															
44/43			1.0	1.1	.4	.0												122	122	82	37															
42/41			1.4	1.7	.7	.2												82	82	89	64															
40/39			1.0	1.4	1.9													179	179	132	91															
38/37			1.9	2.7	2.5													208	208	177	141															
36/35			1.9	2.7	2.1	.2												232	232	215	151															
34/33			1.0	1.4	1.9	.1												206	206	233	177															
32/31			1.0	1.4	1.9	.0												176	176	191	214															
30/29			1.0	1.4	1.9	.2												173	173	189	198															
28/27			1.0	1.4	1.9	.2												106	106	138	133															
26/25			1.0	1.4	1.9	.4												61	61	123	127															
24/23			1.0	1.4	1.9	.6												66	66	87	93															
22/21			1.0	1.4	1.9	.5												57	57	61	120															
20/19			1.0	1.4	1.9	.0												55	55	66	86															
18/17			1.0	1.4	1.9	.0												28	28	54	71															
16/15			1.0	1.4	1.9	.0												32	32	26	70															
14/13			1.0	1.4	1.9	.0												17	17	30	47															
12/11			1.0	1.4	1.9	.0												9	9	10	41															
10/9			1.0	1.4	1.9	.0												17	17	16	33															
8/7			1.0	1.4	1.9	.0												11	11	10	31															
6/5			1.0	1.4	1.9	.0												8	8	10	20															
4/3			1.0	1.4	1.9	.0												7	7	5	5															
2/1			1.0	1.4	1.9	.0														4	9															
0/0			1.0	1.4	1.9	.0														3	7															
52/45			.1															3	3	2	5															
50/43																				1	6															
48/40																					1															
46/39																					1															
44/37																					2															
42/34																					1															

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

FEB
MONTH

PAGE 1 0300-0300
HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB. WB	Dry Bulb	Wet Bulb	Dew Point			
56/55			.1	.0														1	1					
54/53			.1	.1														5	5					
52/51			.0	.1	.1													7	7	4				
50/49			.5	.5	.1													23	23	4	4			
48/47		.1	.7	1.1	.1													41	41	19	7			
46/45		.1	2.0	.5	.0													69	69	47	18			
44/43		.1	2.6	1.8	.1													98	98	65	46			
42/41		.1	3.3	1.0	.1													104	104	109	65			
40/39	1.0	.4	4.1	2.0	.1													146	146	125	87			
38/37	1.0	.5	5.1	1.8	.1													181	181	139	121			
36/35	1.0	.5	6.4	2.1	.1													255	255	204	165			
34/33	1.0	.5	5.6	1.4	.2													175	175	257	160			
32/31	2.0	.5	5.1	1.0	.1													190	190	183	233			
30/29	1.0	.5	5.1	1.5	.1													161	161	176	187			
28/27	1.0	.5	5.5	1.8	.1													130	130	143	191			
26/25	1.0	.5	3.2	.9	.1													101	101	127	120			
24/23	1.0	.5	2.3	.5	.1													77	77	112	97			
22/21	1.0	.5	1.5	.5	.1													45	48	57	113			
20/19	1.0	.5	2.1	.5	.1													67	67	75	84			
18/17	1.0	.5	1.4	.5	.1													39	39	55	82			
16/15	1.0	.5	1.0	.5	.1													30	30	36	78			
14/13	1.0	.5	.7	.5	.1													22	22	25	34			
12/11	1.0	.5	.4	.5	.1													18	18	21	48			
10/9	1.0	.5	.5	.5	.1													24	24	22	24			
8/7	1.0	.5	.5	.5	.1													13	13	13	41			
6/5	1.0	.5	.5	.5	.1													7	7	10	22			
4/3	1.0	.5	.5	.5	.1													6	6	6	13			
2/1	1.0	.5	.0	.0	.1													1	1	2	6			
0/0	1.0	.5	.1	.1	.1													2	2	1	8			
24/23			.1	.1														2	2	2	5			
22/21			.1	.1																1	2			
20/19			.1	.1																	3			
18/17			.1	.1																	2			
16/15			.1	.1																	2			
14/13			.1	.1																	3			
12/11			.1	.1																	2			
10/9			.1	.1																	2			
8/7			.1	.1																	3			
6/5			.1	.1																	2			
4/3			.1	.1																	2			
2/1			.1	.1																	2			
0/0			.1	.1																	3			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 VIESBADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

FEB
MONTH

PAGE 1 0600-0900
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			.0	.0															2	2															
54/53				.1															3	3	1														
52/51				.1	.0	.0													5	5	2	1													
50/49			.4	.4	.1														20	20	3	2													
48/47			.8	.5	.2														32	32	17	4													
46/45			1.7	1.0	.1	.0													64	64	37	21													
44/43			2.1	1.3	.2														85	85	59	33													
42/41			3.0	1.9	.1														103	103	83	58													
40/39	1.1	4.2	2.0	.0															148	148	133	71													
38/37	1.6	5.8	2.1	.1															190	190	157	127													
36/35	1.7	7.3	2.2																228	228	208	157													
34/33	2.3	5.4	1.9	.1															202	202	232	207													
32/31	1.6	5.1	1.6	.2															178	178	180	228													
30/29	2.3	4.6	.9	.3															160	160	162	179													
28/27	1.1	3.3	1.0																119	119	156	143													
26/25	.8	3.4	.4																103	103	102	117													
24/23	.8	2.7	.4																79	79	111	85													
22/21	1.0	2.6	.4																81	81	91	100													
20/19	1.1	1.8	.0																60	62	86	81													
18/17	.8	1.0																	35	35	46	88													
16/15	.8	1.0																	26	26	24	89													
14/13	.8	.8																	28	28	32	48													
12/11	.4	.3																	20	20	24	50													
10/9	.4	.3																	29	29	25	32													
8/7	.2	.3																	12	13	16	31													
6/5	.2	.3																	5	5	10	26													
4/3	.1	.1																	.4	6	2	17													
2/1	.1	.1																			2	9													
0/0	.1	.1																	.4	.4	2	9													
22/23	.1	.1																	.4	.4	5	3													
24/25																					1	5													
26/27																						1													
28/29																						3													
30/31																						2													
Σ X ²																																			
Σ X																																			
X̄																																			
s _x																																			
No. Obs.																																			
Mean No. of Hours with Temperature																																			
Ref. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 34 JUL 64 0-26-5 (DL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 STATION WIESBADEN AB GERMANY STATION NAME 67-70 YEARS FEB MONTH

PAGE 1 C900-1100 HOURS - L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/55			.0	.1														3	3																
54/53			.1	.0														4	6																
52/51		.3	.4	.2														20	20	2															
50/49		.5	.6	.1														27	27	13	4														
48/47		.8	1.1	.7	.1													56	56	25	9														
46/45	.1	2.0	1.9	.4	.0													91	91	50	25														
44/43	.2	2.2	2.2	.4														104	104	69	45														
42/41	.3	3.1	3.2	.2														139	139	122	59														
40/39	.4	4.0	3.1	.4														177	177	144	96														
38/37	.5	5.7	2.4	.5	.0													194	194	188	115														
36/35	1.6	6.3	2.7	.6														226	226	230	187														
34/33	1.4	4.9	2.6	.3														187	187	202	228														
32/31	2.0	4.0	1.8	.2														162	162	185	216														
30/29	1.8	3.0	2.2	.1														137	137	176	142														
28/27	.8	3.0	1.7	.0														112	112	125	119														
26/25	.7	3.2	1.7															105	105	112	130														
24/23	.5	2.3	.5	.0														68	68	110	100														
22/21	.7	1.6	.5															49	49	80	116														
20/19	.7	1.6	.0															47	47	51	77														
18/17	.3	1.0																26	26	36	88														
16/15	.4	1.1																31	32	33	71														
14/13	.4	.6																21	21	28	46														
12/11	.2	.5																16	16	17	50														
10/9	.4	.5																14	14	16	30														
8/7	.1	.2																7	7	9	29														
6/5																			1	2	14														
4/3	.0	.0																2	3	1	11														
2/1	.0	.0																2	2	2	7														
0/0		.0																1	1	1	6														
2/0		.0																1	1	2	4														
4/0																					3														
6/0																					1														
8/0																					1														
10/0																					1														
Element (X)	Z _x ²	Z _x		X	X		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) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

47-70

FEB

PAGE 2 0900-1100
HOURS U. 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																				
12-13																																							1		
TOTAL	16.153	127.9	4.6	.3																																			2031	2031	
																																								2031	2031

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 93 F	
Rel. Hum.	13266170	162356	79.911	8.854	2031							
Dry Bulb	2474861	65598	33.7	8.906	2031	.1	33.2					84
Wet Bulb	2194030	64932	31.8	8.411	2031	.1	40.8					84
Dew Point	1787031	56.81	28.0	9.775	2031	.7	52.2					84

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
62/51																																1	1		
60/50																																5	5		
58/50																																15	15		
56/50																																16	16		
54/50																																26	26		9
52/51																																41	41		11
50/49																																75	75		26
48/47																																107	107		53
46/45																																129	129		81
44/43																																155	155		109
42/41																																173	173		168
40/39																																193	193		168
38/37																																214	214		220
36/35																																184	194		218
34/33																																159	159		197
32/31																																132	132		196
30/29																																125	125		157
28/27																																79	79		139
26/25																																54	54		105
24/23																																38	38		69
22/21																																39	39		39
20/19																																32	32		41
18/17																																19	20		36
16/15																																9	9		12
14/13																																7	7		8
12/11																																2	2		6
10/9																																2	2		1
8/7																																2	2		3
6/5																																			1
4/3																																			
2/1																																			
0/0																																			
Σ X²																																			
Σ X																																			
X̄																																			
s _x																																			
No. Obs.																																			
Mean No. of Hours with Temperature																																			
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) REVISION 10/64
 REVISIONS INDICATED BY THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

67-70
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/63					.1	.1												1	1																
62/61					.1	.1												5	5																
60/59			.1	.2	.1	.2												12	12																
58/57			.2	.1	.1	.1	.0											14	14																
56/55			.2	.1	.3	.2	.0											18	18	6															
54/53			.3	.3	.3	.0	.1											27	27	14	1														
52/51		.3	1.1	.5	.5	.1												51	51	9	11														
50/49		.6	1.4	1.1	.4	.1												77	77	37	8														
48/47	.1	.7	3.0	1.5	.7	.1												124	124	56	19														
46/45	.1	1.8	2.9	1.7	.4	.1												143	143	84	49														
44/43		2.0	3.4	2.4	.5	.2												174	174	128	42														
42/41	.3	2.8	3.7	2.1	.3	.1												192	192	166	96														
40/39	.3	3.1	3.2	1.5	.6													181	181	183	127														
38/37	.6	3.3	3.2	2.3	.4													199	199	219	146														
36/35	.4	2.7	4.2	2.5	.2													204	204	191	168														
34/33	.4	3.2	2.6	1.4	.1													158	158	173	181														
32/31	.7	1.7	2.3	.9	.0													124	124	221	161														
30/29	.8	2.4	2.2	.3														112	112	159	174														
28/27	.3	1.4	1.0															57	57	142	143														
26/25	.3	.8	1.0															44	44	93	122														
24/23	.2	.8	.4															31	31	38	134														
22/21	.0	1.8	.1															33	33	38	83														
20/19	.1	1.3	.3															35	35	42	93														
18/17	.0	.0	.2															6	6	23	78														
16/15		.1	.0															4	4	9	63														
14/13		.1	.0															3	3	4	56														
12/11																				3	34														
10/9		.0																1	1	1	17														
8/7		.1																2	2	1	3														
6/5																				2	5														
4/3																					10														
2/1																					2														
0/0																					2														
0/0																					2														

Element (X)	Z _X ²	Z _X	X̄	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												

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 MISSBADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

FEB
MONTH

PAGE 1 1500-2000
HOURS U.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.	Dr.	Bulb	Wet Bulb	Den	Pass														
60/ 59				.0														1	1																			
58/ 57			.1	.2	.0													9	9																			
56/ 55			.1	.4	.1													12	12																			
54/ 53		.1	.1	.2	.3	.1												17	17																			
52/ 51		.2	.4	.3	.0	.0												22	22																			
50/ 49	.0	.8	.9	.1	.0													40	40																			
48/ 47	.1	1.2	1.7	.7	.0													77	77																			
46/ 45	.2	2.4	2.2	.6	.1													112	112																			
44/ 43	.0	2.8	2.7	1.1	.1													137	137																			
42/ 41	.3	3.6	3.5	.7	.0													168	168																			
40/ 39	.4	4.7	4.4	.5	.2													206	206																			
38/ 37	.7	3.9	3.8	.5														175	175																			
36/ 35	1.5	4.5	3.7	.7	.0													212	212																			
34/ 33	.8	4.7	5.0	1.0														234	234																			
32/ 31	.7	2.9	3.4	.3														151	151																			
30/ 29	1.0	3.6	2.3	.2														145	145																			
28/ 27	.4	1.6	1.2	.1														67	67																			
26/ 25	.4	2.1	.6															64	65																			
24/ 23	.2	1.3	.3															39	39																			
22/ 21	.2	1.5	.2															39	36																			
20/ 19	.0	1.3																27	27																			
18/ 17	.3	1.2																32	32																			
16/ 15		1.1	.1															25	25																			
14/ 13	.1	.3																8	8																			
12/ 11	.0	.2																6	6																			
10/ 9		.1																2	2																			
8/ 7	.0	.0																2	2																			
6/ 5																																						
4/ 3		.1																2	2																			
2/ 1		.1																1	1																			
0/ -1																																						
-2/ -3																																						
-4/ -5																																						
-6/ -7																																						

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIRSADEN AB GERMANY
STATION STATION NAME

47-70
YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	DB, WB, Dry Bulb	Wet Bulb Dwp Point																
54/53		.1	.4															11	11	1	1														
52/51		.2	.6															23	23	2	1														
50/49		.7	.4															29	29	18	4														
48/47		.8	1.5															52	52	31	16														
46/45		1.9	1.8															91	91	46	34														
44/43		3.4	2.3															111	111	75	38														
42/41		3.0	2.3															127	127	113	62														
40/39		6.6	2.4															204	204	149	108														
38/37	1.0	5.0	3.0															189	189	212	143														
36/35	1.0	6.1	3.0															237	237	191	179														
34/33	1.0	5.6	3.0															203	203	214	185														
32/31	1.0	4.3	3.0															191	191	220	177														
30/29	1.0	3.8	2.0															149	149	181	194														
28/27	1.0	3.0	1.0															100	100	151	152														
26/25	1.0	1.0																62	62	125	126														
24/23	1.0	2.0																67	67	82	114														
22/21	1.0	1.0																47	47	77	105														
20/19	1.0	1.0																41	41	64	83														
18/17	1.0	1.0																26	26	49	74														
16/15	1.0	1.0																24	24	26	51														
14/13	1.0	1.0																14	14	16	64														
12/11	1.0	1.0																9	9	13	62														
10/9	1.0	1.0																14	14	12	21														
8/7	1.0	1.0																6	6	9	18														
6/5	1.0	1.0																3	3	1	19														
4/3	1.0	1.0																		2	9														
2/1	1.0	1.0																1	1	4	4														
0/0	1.0	1.0																2	2	1	3														
54/53																				2	1														
52/51																					3														
50/49																					1														
48/47																					1														
46/45																					1														
44/43																					1														
42/41																					1														
40/39																					1														
38/37																					1														
36/35																					1														
34/33																					1														
32/31																					1														
30/29																					1														
28/27																					1														
26/25																					1														
24/23																					1														
22/21																					1														
20/19																					1														
18/17																					1														
16/15																					1														
14/13																					1														
12/11																					1														
10/9																					1														
8/7																					1														
6/5																					1														
4/3																					1														
2/1																					1														
0/0																					1														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_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) REVENT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

46-70

MAR

STATION

STATION NAME

YEARS

PAGE 1 0000-0200

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. WB	Dry Bulb	Wet Bulb	Dew Point														
58/57			.0		.1													5	5																
56/55			.0		.1													18	18	1															
54/53			.2		.4													34	34	2	1														
52/51			.4		.6													73	73	18	4														
50/49		.1	1.0		1.0													100	101	36	14														
48/47		.3	3.0		2.0													164	166	107	31														
46/45		.2	3.1		2.2													152	152	153	89														
44/43		.3	2.0		3.7													175	175	158	111														
42/41		.7	5.7		3.7													260	260	173	158														
40/39		.7	4.0		5.0													258	258	264	177														
38/37		.5	4.0		3.0													232	232	256	173														
36/35		.0	4.0		3.0													199	199	234	240														
34/33		.6	4.0		2.0													198	199	208	221														
32/31		.6	3.0		2.0													176	176	209	223														
30/29		.2	3.0		1.0													123	123	175	199														
28/27		.1	2.0		.0													68	68	147	166														
26/25		.0	.0		.0													35	35	76	135														
24/23		.1	.0		.0													27	27	36	92														
22/21			.0		.0													6	6	27	103														
20/19		.1	.0		.0													3	4	6	73														
18/17			.0		.0													2	3	1	42														
16/15			.0		.0													3	3	4	31														
14/13			.0		.0													2	2	3	17														
12/11			.0		.0													1	1	1	8														
10/9																					1														
8/7																					4														
6/5																					1														
TOTAL		5,466	838	0	9.2	1.3	.2											2314	2318	2318	2314														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hou. with Temperature						
Rel. Hum.	14424544	180876	78.2	11.127	2314	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3654128	90528	39.1	7.155	2318		18.0					93
Wet Bulb	3187050	84450	36.5	6.779	2315		27.3					93
Dew Point	2608746	75494	32.6	7.938	2314		44.0					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

MAR
MONTH

PAGE 1 0300-0500
HOURS G.M.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					.0	.0												2	2																
56/55					.1													2	2																
54/53		.4	.1	.2														15	15																
52/51		.3	.6	.4	.0													32	32	10	2														
50/49	.1	1.1	1.3	.6	.0													73	74	16	9														
48/47	.1	3.1	1.7	.6	.0													133	133	69	23														
46/45	.1	3.8	2.2	.8														164	164	144	62														
44/43	.1	3.4	2.4	.8	.1													155	155	148	114														
42/41	.1	4.3	4.1	.9		.0												232	232	156	141														
40/39	1.1	5.4	4.2	.6	.0	.0												266	266	223	167														
38/37	.6	6.0	2.6	.8														222	222	204	154														
36/35	1.0	5.1	3.0	.8	.0													218	218	233	244														
34/33	1.0	6.1	2.2	.8	.0													226	226	216	239														
32/31	1.1	4.2	2.3	.8														182	182	240	215														
30/29	.7	3.7	2.0	.8														147	147	171	224														
28/27	.3	3.3	1.1	.8														109	109	167	136														
26/25	.0	2.1	.6	.8														64	64	112	156														
24/23	.1	1.3	.1	.8														37	37	64	104														
22/21	.2	.8	.1	.8														19	19	31	113														
20/19	.0	.2	.1	.8														5	5	14	88														
18/17	.1	.2		.8														6	6	8	42														
16/15	.1	.1		.8														2	2	3	34														
14/13	.1			.8														2	2	2	26														
12/11	.1	.1		.8														3	3	4	14														
10/9	.0			.8														1	1	2	7														
8/7				.8																	1														
6/5				.8																	3														
4/3				.8																	1														
TOTAL	8.5	54.9	30.6	5.6	.3	.1												2319	2322	2319	2319														

Element (X)	ΣX^2	ΣX	\bar{X}	$\% X$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15301352	186730	80.510	702	2319	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3384146	87078	37.5	7,148	2322		23.2					93
Wet Bulb	2998715	81848	35.2	6,892	2319		32.9					93
Dew Point	2502371	73868	31.9	8,034	2319		46.7					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

46-70
 YEARS

MAR
 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	O.B. W.B	Dry Bulb	Wet Bulb	Dew Point																			
56/ 55				.1	.0																												3	3							
54/ 53			.0	.0	.0																													8	8						
52/ 51		.0	.0	.0	.2	.1																												28	28	5	1				
50/ 49	.1	1.0	1.4	.3	.0																													70	72	21	9				
48/ 47	.2	2.0	1.4	.2	.0	.0																													103	104	65	21			
46/ 45	.3	4.0	2.0	.0	.0	.0																													175	175	117	67			
44/ 43	.2	3.0	2.0	.0	.0	.0																													159	159	140	107			
42/ 41	.0	2.0	2.0	.0	.0	.0																													191	191	156	142			
40/ 39	1.4	5.0	4.0	.0	.0	.0	.0																												269	269	208	196			
38/ 37	1.0	3.0	3.0	.0	.0	.0	.0																												249	249	272	159			
36/ 35	1.0	5.0	3.0	.0	.0	.0	.0																												225	225	253	230			
34/ 33	1.0	5.0	2.0	.0	.0	.0	.0																												207	207	238	240			
32/ 31	1.0	5.0	2.0	.0	.0	.0	.0																												207	207	243	242			
30/ 29	.0	3.0	1.0	.0	.0	.0	.0																												138	138	166	212			
28/ 27	.0	3.0	1.0	.0	.0	.0	.0																												117	117	160	168			
26/ 25	.0	2.0	.0	.0	.0	.0	.0																												78	78	124	145			
24/ 23	.0	1.0	.0	.0	.0	.0	.0																												32	32	64	96			
22/ 21	.0	.0	.0	.0	.0	.0	.0																												24	24	38	115			
20/ 19	.0	.0	.0	.0	.0	.0	.0																												12	12	17	65			
18/ 17	.0	.0	.0	.0	.0	.0	.0																												9	11	12	82			
16/ 15	.0	.0	.0	.0	.0	.0	.0																												3	4	8	29			
14/ 13	.0	.0	.0	.0	.0	.0	.0																												3	3	4	22			
12/ 11	.0	.0	.0	.0	.0	.0	.0																												1	1		14			
10/ 9	.0	.0	.0	.0	.0	.0	.0																												4	4	5	12			
8/ 7	.0	.0	.0	.0	.0	.0	.0																														4		4		
6/ 5	.0	.0	.0	.0	.0	.0	.0																															7		7	
TOTAL	9.8	56.3	29.9	3.3	.6	.1																													2315	2321	2315	2315			
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature						Total																													
Rel. Hum.	15582495	188211	81.3	10.712	2315	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Dry Bulb	3296637	85855	37.0	7.218	2321		25.3					93																													
Wet Bulb	2936928	80866	34.9	6.943	2315		33.7					93																													
Dew Point	2468622	73230	31.6	9.108	2315		48.3					93																													

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

46-70

MAR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
62/ 61			.0	.1	.1	.0												6	6																		
60/ 59				.1	.2	.3			.0									15	15	1																	
58/ 57			.1	.2	.3	.1	.0											20	20		1																
56/ 55		.1	.4	.9	.3	.2												48	48	3																	
54/ 53		.2	.7	1.3	.4	.2												65	65	11																	
52/ 51		.6	1.7	1.1	.4	.2	.1											98	98	27	4																
50/ 49	.0	1.3	2.3	1.6	.6	.2												145	146	76	20																
48/ 47	.2	2.2	3.0	2.0	.8	.0												192	192	146	43																
46/ 45	.3	2.2	3.4	2.4	.8	.0												202	202	169	97																
44/ 43	.3	2.4	4.3	1.7	.8	.0												210	210	181	149																
42/ 41	.3	2.8	4.3	2.2	.8	.1	.0											237	237	224	146																
40/ 39	.5	3.4	4.6	1.4	.8	.1												234	234	230	147																
38/ 37	.4	2.7	4.0	1.5	.9													208	208	236	199																
36/ 35	.6	2.9	2.8	1.2	.1													169	169	236	240																
34/ 33	.5	2.8	3.4	.7														168	168	179	213																
32/ 31	.7	2.2	2.4	.2														129	129	215	204																
30/ 29	.4	1.4	1.6															80	81	150	210																
28/ 27	.1	1.2	.4															40	40	104	140																
26/ 25	.2	.7	.6															33	33	58	127																
24/ 23	.1	.5	.0															14	14	32	104																
22/ 21	.0	.1																4	4	17	97																
20/ 19	.0	.1																4	4	3	79																
18/ 17	.0																	1	1	4	47																
16/ 15																					21																
14/ 13		.0																1	1	1	20																
12/ 11																					10																
10/ 9																					4																
8/ 7																					1																
TOTAL	4.9	30.1	39.9	18.6	4.3	1.5	.4	.0	.0									2323	2323	2323	2323																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	1292.208	170968	73.6	13.097	2323	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	4070903	95693	41.2	7.546	2323		12.3					93																									
Wet Bulb	3422419	87723	37.8	6.873	2323		23.4					93																									
Dew Point	2676319	76553	33.0	8.128	2323		42.6					93																									

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 STATION WIESBADEN AB GERMANY 46-70 YEARS MAR 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 Po																
76/75																																1	1				
72/71																		.1	.0													3	3				
70/69																		.2	.0	.0												3	3				
68/67																		.3	.1	.0												14	14				
66/65					.1	.1	.1	.4	.1	.2	.1	.0						.1	.2	.1	.0										28	28					
64/63			.3	.1	.3	.4	.1	.1	.1	.1	.1	.0						.1	.1	.1	.0										25	25					
62/61			.1	.2	.4	.6	.3	.2	.0																							43	43				
60/59		.0	.2	.4	1.0	.3	.2																									70	70	5			
58/57		.0	.2	.6	1.1	1.1	.4	.0																								81	81	12	3		
56/55		.1	.5	1.3	2.2	1.4	.4	.0																								134	134	30	2		
54/53	.0	.6	1.1	1.6	1.4	.6	.4	.1																								135	135	57	8		
52/51	.0	.6	1.5	2.1	1.5	.5	.1	.0																									154	154	107	19	
50/49	.2	.9	1.7	2.9	1.7	.4	.1	.1																									187	187	159	45	
48/47	.2	1.1	3.0	2.9	1.8	.4	.1	.1																									225	225	194	79	
46/45	.2	1.2	2.5	3.0	2.2	.4	.2																										221	221	196	114	
44/43	.2	1.0	2.6	2.5	2.5	.3	.2																										205	205	215	151	
42/41	.2	1.2	2.8	2.0	1.4	.2																											175	175	236	169	
40/39	.0	1.5	2.9	1.6	1.0	.0																											161	161	207	156	
38/37	.2	1.1	2.8	2.2	1.0	.2																											153	153	226	194	
36/35	.4	.5	2.5	1.7	.2																												123	123	186	220	
34/33	.1	1.3	1.5	.9	.1																												90	90	151	182	
32/31	.2	1.1	1.5	.3	.1																												52	52	171	174	
30/29	.2	.4	.0	.1																													29	29	103	182	
28/27	.0	.0	.0																														12	12	45	128	
26/25	.0																																1	1	15	119	
24/23																																				8	125
22/21																																				93	
20/19																																				58	
18/17																																				42	
16/15																																				22	
14/13																																				19	
12/11																																				15	
10/9																																				2	
8/7																																				2	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	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) MAR 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS U.S.M.T.

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	DB. WB.	Dry Bulb															
6/5																																			1
2/-3																																			1
TOTAL	2.2	12.6	27.4	26.8	18.9	6.6	3.5	1.4	.4	.2	.1												2325	2325	2325	2325	2325								

Element (X)	ΣX^2	ΣX	\bar{X}	σ_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.	10022332	148420	63.8	15.351	2325							
Dry Bulb	5129518	167458	46.2	8.374	2325		3.8	.8	.0			93
Wet Bulb	3999058	95002	40.9	7.100	2325		13.7					93
Dew Point	2853682	78842	33.9	8.803	2325	.0	39.3					93

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 MIESBADEN AB GERMANY 46-70 YEARS MAR
 STATION STATION NAME MONTH
 PAGE 1 1500-1700
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
78/ 77																					1	1			
76/ 75																						1	1		
74/ 73																						3	3		
72/ 71																						3	3		
70/ 69																						25	25		
68/ 67																						31	31		
66/ 65																						37	37		
64/ 63																						44	44	1	
62/ 61																						72	72	1	1
60/ 59																						95	95	4	1
58/ 57																						103	103	14	
56/ 55																						127	127	49	1
54/ 53																						131	131	90	5
52/ 51																						172	172	101	25
50/ 49																						204	204	213	36
48/ 47																						210	210	202	86
46/ 45																						219	219	197	123
44/ 43																						195	195	202	140
42/ 41																						157	157	226	182
40/ 39																						161	161	218	174
38/ 37																						110	110	245	185
36/ 35																						94	94	170	199
34/ 33																						73	73	147	220
32/ 31																						38	38	129	175
30/ 29																						13	13	69	155
28/ 27																						6	6	30	102
26/ 25																								9	147
24/ 23																								3	116
22/ 21																									103
20/ 19																									60
18/ 17																									34
16/ 15																									29
14/ 13																									14
12/ 11																									9
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	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) JUL 64 REVISD REVISED EDITIONS OF THIS FORM ARE OBSOLETE

SOURCE: 11-1-1960

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3501C **WIESBADEN AB GERMANY** **46-70** **MAR**
STATION STATION NAME YEARS MONTH

PAGE 2 **1500-1700**
MO. - 93 - S.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL Hours
	0	1-2	3-4	5-6	7-8	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															
10/9																																			1	
8/7																																			1	
4/3																																			1	
TOTAL	1.2	1.5	2.1	2.5	2.4	1.8	1.4	2.4	3.2	3.1	1.4	.5	.2																						2325	
																																			2325	

Element (X)	Σx²	Σx	x̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						Total																								
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																									
Rel. Hum.	9136266	140732	60.5	16.304	2325																															
Dry Bulb	5542595	111637	48.0	8.843	2325		2.3	2.6	.2																											93
Wet Bulb	4182267	97239	41.8	7.047	2325		10.0																												92	
Dew Point	2870548	79178	34.1	5.659	2325		37.9																												93	

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION

66-72
 YEARS

MAR
 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	DB, W.B.	Dry Bulb	Wet Bulb	Dew Point															
72/ 71																	0														1	1				
70/ 69																	0														3	3				
68/ 67									.1	.1	.1					0														9	9					
66/ 65					.1	.1	.1	.1	.1	.1																				11	11					
64/ 63				.1	.1	.1	.1	.1	.1	.1	.1																			25	25					
62/ 61				.1	.1	.1	.1	.1	.1	.1	.1	.1																		32	32					
60/ 59				.2	.2	.2	.2	.2	.2	.2	.2	.1	.1																	37	37	2				
58/ 57			.0	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1																	70	70	6				
56/ 55			.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1																85	85	20	3			
54/ 53			.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1																109	109	39	4			
52/ 51			.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1																152	152	56	13			
50/ 49		.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1															200	200	137	27			
48/ 47		.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1															183	183	219	65			
46/ 45		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																215	215	196	129			
44/ 43		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																195	195	199	131			
42/ 41		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																209	210	194	172			
40/ 39		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																199	199	228	147			
38/ 37		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																160	160	260	214			
36/ 35		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																156	156	200	228			
34/ 33		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																121	121	164	207			
32/ 31		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																87	87	169	209			
30/ 29		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2																36	36	120	157			
28/ 27		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																20	20	58	144			
26/ 25		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																8	8	24	134			
24/ 23				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																1	1	21	105			
22/ 21																															2	2	100			
20/ 19																																		39		
18/ 17																																		22		
16/ 15																																		23		
14/ 13																																		23		
12/ 11																																		5		
10/ 9																																		1		
4/ 3																																		1		

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISION 26 JUL 64 REVISION 26 JUL 64 REVISION 26 JUL 64 REVISION 26 JUL 64 REVISION 26 JUL 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION NO. STATION NAME

45-70
YEARS

MAR
MONTH

PAGE 1 2100-2300
NO. OF PAGES

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											.0	.0																					2	2				
60/ 59											.1	.1																					8	8				
58/ 57											.3	.3	.0																				22	22				
56/ 55											.6	.6	.2																				44	44	3			
54/ 53											.9	.9	.4	.0																			62	62	11	3		
52/ 51											1.2	1.2	.5	.1																			112	112	25	8		
50/ 49											1.6	1.6	.6	.2																			139	139	60	16		
48/ 47											2.0	2.0	.4	.1																			185	189	162	44		
46/ 45											2.4	2.4	.2	.4																			213	215	139	96		
44/ 43											2.8	2.8	.1	.7	.0																		151	192	178	139		
42/ 41											3.1	3.1	.1	.5																			232	234	219	180		
40/ 39											3.5	3.5	.1	.0																			222	222	221	160		
38/ 37											3.7	3.7	.1	.2																			221	221	241	190		
36/ 35											4.0	4.0	.1	.0																			180	180	272	214		
34/ 33											4.3	4.3	.1	.0																			175	175	172	243		
32/ 31											4.6	4.6	.1	.0																			136	136	198	189		
30/ 29											4.9	4.9	.1	.0																			91	91	178	199		
28/ 27											5.2	5.2	.1	.0																			35	35	84	162		
26/ 25											5.5	5.5	.1	.0																			29	29	60	149		
24/ 23											5.8	5.8	.1	.0																			6	6	28	92		
22/ 21											6.1	6.1	.1	.0																			2	2	10	107		
20/ 19											6.4	6.4	.1	.0																					2	2	46	
18/ 17											6.7	6.7	.1	.0																				1	1	25		
16/ 15											7.0	7.0	.1	.0																				2	2	23		
14/ 13											7.3	7.3	.1	.0																						1	18	
12/ 11											7.6	7.6	.1	.0																						10		
10/ 9											7.9	7.9	.1	.0																						2		
8/ 7											8.2	8.2	.1	.0																						1		
TOTAL											4.0	1.2	.1	.1																					2316	2319	2316	2316
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	13238828	172754	74.6	12.345	2316	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	4042707	95319	41.1	7.338	2319		12.1					93																										
Wet Bulb	3425103	87581	37.8	6.754	2316		22.6					93																										
Dew Point	2715526	77150	33.3	7.929	2316		41.1					93																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

35010 AIESBAD AFB GERMANY 66-70 APR
 STATION NAME STATION YEARS MONTH

PAGE 1 0300-0500
 HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/63					.1													3		3															
62/61				.1	.2													7		7															
60/59				.1	.3	.3	.3											16		16															
58/57			.1	.2	.7	.2	.3											33		33		1													
56/55			.4	1.1	.8	.1	.1	.0										65		65		9													
54/53		.3	1.3	2.1	1.3	.1	.1	.0										116		116		36													
52/51		.2	2.3	2.9	1.5	.1	.1	.0										172		172		102													
50/50		.3	3.3	4.4	1.5	.1	.1	.0										250		250		13													
48/47		.3	3.4	3.3	2.3	.1	.1	.0										225		225		234													
46/45		.3	3.7	3.9	1.4	.1	.1	.0										208		211		225													
44/43		.4	3.3	4.4	.1	.1	.0	.0										219		220		230													
42/41		.4	4.3	5.1	.1	.1	.0	.0										246		248		234													
40/39		.4	5.3	6.4	.4	.1	.1	.0										233		233		266													
38/37		.4	3.3	2.3	.9													136		136		256													
36/35		.4	4.2	1.9	.1													147		147		187													
34/33		.4	2.3	.9	.1													82		82		145													
32/31		.4	1.2	.6	.0													52		52		103													
30/29		.4	.4	.4	.0													20		20		47													
28/27		.4	.2															5		5		17													
26/25																						9													
24/23																																			
22/21																																			
20/19																																			
18/17																																			
TOTAL	3,841	1,038	212	112	3.9	.9	.2	.0										2242		2247		2240													

Element (X)	Σy	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1,2587.4	175082	78.2	11.062	2240							
Dry Bulb	3521620	39692	44.4	6.619	2247			3.1				90
Wet Bulb	3915104	92648	41.4	6.092	2240			7.1				90
Dew Point	3296348	84548	37.7	6.851	2240			20.5				90

USAFETAC FORM 0-26-5 (OL A) REVERSE YOUR EDITIONS OF THIS FORM ARE OK/ALITE

DATA PROCESSING DIVISION
 USAF STAG
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 C600-0800
 HOURS U.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																		
66/65																																		2	2				
64/63																																		9	8				
62/61																																		13	13				
60/59																																		21	21				
58/57																																		48	48	1			
56/55																																		80	80	18			
54/53																																		136	136	61	9		
52/51																																		147	148	108	41		
50/49																																		230	231	175	99		
48/47																																		258	258	210	149		
46/45																																		236	238	190	159		
44/43																																		206	210	264	194		
42/41																																		226	227	223	199		
40/39																																		229	229	274	193		
38/37																																		142	142	255	216		
36/35																																		117	117	167	260		
34/33																																		69	69	138	230		
32/31																																		45	45	89	165		
30/29																																		15	15	43	135		
28/27																																		4	4	13	86		
26/25																																		2	2	6	50		
24/23																																				1	1	25	
22/21																																						13	
20/19																																						7	
18/17																																						4	
TOTAL	3.8	39.1	28.1	14.0	3.8	1.2	.4																												2236	2245	2236		

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

Element (X)	Zx ²	Zx	X	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.	13785337	173697	77.7	11.453	2236							
Dry Bulb	4631720	100848	44.9	6.731	2236		2.6					90
Wet Bulb	3991033	93462	41.8	6.143	2236		0.1					90
Dew Point	3350591	85168	38.1	6.913	2236		19.9					90

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AL

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-7 APR 1200-1400
 STATION NAME STATION NAME YEARS MONTH

PAGE 1 1200-1400
 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					
86/ 85																												1	1						
84/ 83																												2	2						
82/ 81																												6	6						
80/ 79																												5	5						
78/ 77																												15	15						
76/ 75																												30	30						
74/ 73																												34	34						
72/ 71																												57	57						
70/ 69																												73	73						
68/ 67																												69	69						
66/ 65																												86	86						
64/ 63																												98	99	10					
62/ 61																												138	138	25	1				
60/ 59																												179	180	58					
58/ 57																												188	189	112	1				
56/ 55																												190	190	118	15				
54/ 53																												200	200	188	49				
52/ 51																												189	189	256	70				
50/ 49																												189	189	236	140				
48/ 47																												177	177	241	156				
46/ 45																												130	130	257	178				
44/ 43																												88	88	226	196				
42/ 41																												47	47	171	216				
40/ 39																												38	38	166	214				
38/ 37																												11	11	96	204				
36/ 35																												3	3	53	190				
34/ 33																															19	170			
32/ 31																														5	137				
30/ 29																															112				
28/ 27																															68				
26/ 25																															48				
24/ 23																															41				
22/ 21																															23				
20/ 19																															7				
Element (X)	Z _x ²	Z _x	X	s _x	No. Obs.	Mean No. of Hours with Temperature							Total																						
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 (OLA) JUL 64
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
HOURS - 15 - 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																		3	3																
84/83																		4	4																
82/81																		11	11																
80/79																		7	7																
78/77																		27	27																
76/75																		51	51																
74/73																		63	63																
72/71																		66	66	1															
70/69																		69	69																
68/67																		84	84	2															
66/65																		100	102	3	1														
64/63																		124	125	8															
62/61																		125	125	25															
60/59																		185	165	78	2														
58/57																		196	196	125	10														
56/55																		203	203	126	18														
54/53																		180	180	167	31														
52/51																		171	171	276	51														
50/49																		141	141	288	115														
48/47																		151	151	234	142														
46/45																		118	118	250	192														
44/43																		84	84	192	195														
42/41																		46	46	165	240														
40/39																		28	28	153	195														
38/37																		6	6	98	199														
36/35																		4	4	41	214														
34/33																				14	172														
32/31																				1	123														
30/29																					137														
28/27																					67														
26/25																					52														
24/23																					65														
22/21																					32														
20/19																					10														
Element (X)	Σx^2	Σx	\bar{x}	e_x	No Obs.	Mean No. of Hours with Temperature						Total																							
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
 ENTERED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

68-70
YEARS

APR
MONTH

PAGE 2 1500-1700
HOURS .. S.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-6	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															
18/17																																				
TOTAL	2	3	9	12	15	17	15	11	8	5	4	3	2	1	1	1	2247		2247		4															

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$= 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	6911538	116958	52.9	16.531	2247							
Dry Bulb	7549589	125641	57.2	9.304	2250			15.6	6.6			90
Wet Bulb	5292464	108114	48.1	6.380	2247			0	1			90
Dew Point	3522597	87277	38.8	7.682	2247			18.8				90

USAFETAC FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 FORM 54

DATA PROCESS: 6 DI-1510
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 AIRSEADEN AB GERMANY 46-77 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
 MOES 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																			
84/ 83																																				2	2			
82/ 81																																				4	4			
80/ 79																																				4	4			
78/ 77																																				5	5			
76/ 75																																					12	12		
74/ 73																																					22	22		
72/ 71																																					39	39		
70/ 69																																					41	41		
68/ 67																																					56	56		
66/ 65																																					79	79		1
64/ 63																																					106	106		3
62/ 61																																					109	109		11
60/ 59																																					150	150		41
58/ 57																																					156	168		80
56/ 55																																					214	214		135
54/ 53																																					208	208		127
52/ 51																																					182	182		232
50/ 49																																					185	186		282
48/ 47																																					160	160		263
46/ 45																																					188	186		265
44/ 43																																					119	119		194
42/ 41																																					93	93		208
40/ 39																																					68	68		159
38/ 37																																					26	26		144
36/ 35																																					5	5		71
34/ 33																																					4	4		24
32/ 31																																							9	170
30/ 29																																								
28/ 27																																								
26/ 25																																								
24/ 23																																								
22/ 21																																								
20/ 19																																								
18/ 17																																								
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																											
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 (01-A) REWARD REVISED EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-73
YEARS

APR
MONTH

PAGE 2 1800-2000
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL DB. WB. 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																	
TOTAL	.4	9.0	20.5	20.8	10.8	13.4	8.7	5.3	2.8	1.6	.4	.3	2249	2250	2249																			

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_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.	8726142	135240	60.1	16.25	2249							
Dry Bulb	6687135	121119	53.8	8.622	2250			7.4	2.0	.4		90
Wet Bulb	4996515	105081	46.7	6.212	2249							90
Dew Point	3590954	88342	39.3	7.35	2249		16.7					90

USAFETAC FORM 0-26-5 (OLA) REVISION 10 (2014) INSTRUCTIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 JSAF STAG
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35012 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS U.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	P.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point					
72/ 71																																		1	1
70/ 69																																	5	5	
68/ 67																																	5	5	
66/ 65																																	29	29	
64/ 63																																	41	41	
62/ 61																																	61	61	
60/ 59																																	87	87	
58/ 57																																	107	107	
56/ 55																																	163	163	
54/ 53																																	223	224	
52/ 51																																	218	220	
50/ 49																																	243	243	
48/ 47																																	195	196	
46/ 45																																	193	195	
44/ 43																																	205	205	
42/ 41																																	176	174	
40/ 39																																	131	131	
38/ 37																																	92	92	
36/ 35																																	42	42	
34/ 33																																	20	20	
32/ 31																																	6	6	
30/ 29																																	10	97	
28/ 27																																	2	61	
26/ 25																																		46	
24/ 23																																		30	
22/ 21																																		3	
20/ 19																																		2	
18/ 17																																		3	
16/ 15																																		1	
TOTAL	1.1	19.5	33.4	22.4	13.7	7.0	2.3	.5																									2241	2247	
																																		2241	2241
Element (X)	Zx²	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature											Total																		
Rel. Hum.	11337955	156213	69.8	13.479	2241	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	5504770	110022	49.0	7.237	2247			.2	.4					90																					
Wet Bulb	4467298	99130	44.2	6.035	2241			1.7						90																					
Dew Point	3523214	87500	39.0	6.904	2241		16.0							90																					

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

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/CO

PSYCHROMETRIC SUMMARY

35010 MESSAEREN 44 GERMANY 49x73 64V
 STATION NAME STATION NAME YEARS MONTHS
 PAGE 1 0000-0200
 HOURS - 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																				
74/ 73																																1	1				
72/ 71																																3	3				
70/ 69																																7	7				
68/ 67																																22	22				
66/ 65																																47	47	1			
64/ 63																																54	54	8	2		
62/ 61																																133	134	32	4		
60/ 59																																157	159	50	35		
58/ 57																																220	220	94	44		
56/ 55																																199	199	189	85		
54/ 53																																256	256	220	107		
52/ 51																																312	312	261	169		
50/ 49																																250	250	325	237		
48/ 47																																221	221	300	280		
46/ 45																																164	164	241	236		
44/ 43																																106	106	213	244		
42/ 41																																52	52	168	265		
40/ 39																																40	40	127	176		
38/ 37																																23	23	44	152		
36/ 35																																8	8	30	127		
34/ 33																																3	3	15	73		
32/ 31																																			2	45	
30/ 29																																			22		
28/ 27																																			13		
26/ 25																																			2		
TOTAL																																				2320	2320

Elemen (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
Rel. Hum.	13713453	175925	75.512684		2320							
Dry Bulb	6501999	121947	52.56573		2320			1.4				93
Wet Bulb	5535046	112516	48.55807		2320							93
Dew Point	4735787	105677	44.76652		2320		3.3					93

USAFETAC FORM 0-26-5 (OL A) REVISIO REVISED EDITIONS OF THE AIR AF CONSULT

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 IESBADA AF GUYANA 65-70 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 HOURS U.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	De-Point														
70/69					.1	.1	.1											1	1																
68/67					.1	.1	.1	.1	.1									7	7																
66/65			.1	.1	.1	.1	.1	.1	.1									17	17																
64/63			.2	.2	.2	.2	.2	.2	.2									39	39	2	2														
62/61			.4	.4	.4	.4	.4	.4	.4									52	52	9	1														
60/59		.1	.2	.2	.2	.2	.2	.2	.2									122	122	42	19														
58/57	.3	2.2	2.1	1.4	1.1	.2												169	171	50	40														
56/55	.3	3.7	2.5	1.9	.7	.3	.1											220	221	127	76														
54/53	.5	3.4	3.9	1.5	.8	.2												240	241	198	99														
52/51	.6	4.9	4.3	1.3	.4	.1												270	271	255	150														
50/49	.8	5.4	4.9	1.5	.2													292	292	292	196														
48/47	.4	4.5	4.3	.9	.3	.0												243	243	290	270														
46/45	.5	5.1	3.3	1.1	.1													230	230	292	254														
44/43	.3	3.1	2.9	.2														151	151	260	262														
42/41	.3	2.2	2.1	.1														105	106	160	288														
40/39	.1	2.0	.8	.3														68	68	153	187														
38/37	.2	1.9	.8															49	48	86	140														
36/35		1.1	.2															29	29	49	146														
34/33		.3																8	8	28	97														
32/31		.2																4	4	9	46														
30/29																				3	26														
28/27																					17														
TOTAL	3,841,533,911,7	5,9	2,9	.4														2316	2321	2316	2316														

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	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	5985561	116919	50.4	6.426	2316			.2	.3			93
Wet Bulb	5237516	109298	47.2	5.865	2316			.5				93
Dew Point	4397355	102087	44.1	6.548	2316		3.6					93

USAFETAC FORM 101-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION MONTH

49-70
 YEARS

AV
 MONTH

PAGE 1 C500-0300
 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	P.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
74/ 73						.1																											1	1			
72/ 71						.1	.1	.1																									4	4			
70/ 69					.1	.1	.1	.1																									9	9			
68/ 67					.2	.1	.2	.2																									15	15			
66/ 65		.0	.3	.3	.3	.3	.7	.3	.1																								54	54			
64/ 63		.0	.7	.5	.6	1.0	.1	.0																									72	72	7		
62/ 61		.6	1.3	.5	.9	.6	.2																										95	97	20	2	
60/ 59	.0	1.0	2.1	1.5	1.4	.6	.1																										156	157	67	24	
58/ 57	.2	2.5	2.2	1.7	1.0	.5	.0	.0																									195	196	90	58	
56/ 55	.1	3.4	3.0	2.5	.9	.5	.0																										260	262	197	91	
54/ 53	.5	2.9	4.8	3.5	.5	.2	.1																										288	289	224	138	
52/ 51	.4	3.4	5.6	2.7	.5																												290	290	268	165	
50/ 49	.5	3.2	5.5	1.4	.8	.0																											260	260	318	212	
48/ 47	.3	2.8	4.1	1.1	.3																												201	201	320	264	
46/ 45	.2	3.8	3.3	1.1	.0																												195	195	261	268	
44/ 43	.1	1.7	1.5	.4																													99	99	220	296	
42/ 41	.2	1.1	1.1	.1																													55	55	156	240	
40/ 39	.1	1.0	.5																														37	37	83	173	
38/ 37		.5	.5																														18	18	50	141	
36/ 35		.3	.0																														8	6	22	99	
34/ 33		.2																															4	4	12	58	
32/ 31																																				3	48
30/ 29		.0																																1	1	1	17
28/ 27																																				5	
TOTAL		3,026	937	117.6	7.9	4.4	1.0	.2																										2319	2324	2319	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	6911105	122113	52.5	6.386	2319			.0	1.2	.0		93
Wet Bulb	5573770	112934	48.7	5.644	2319			.2				93
Dew Point	4810755	103373	45.1	6.406	2319			2.8				93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

STATION: 25010 1554000V AB 55R-440 STATION NAME: 46-70 YEARS: MAY MONTH: 1960

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	De-	Pa-																
92/ 81																																		3	3			
80/ 79																																		1	1			
78/ 77																																		3	6			
76/ 75																																		22	22			
74/ 73																																		28	28			
72/ 71																																		63	63			
70/ 69																																		87	87	1		
68/ 67																																		120	120	4	1	
66/ 65																																		141	141	21		
64/ 63																																		178	178	47	3	
62/ 61																																		229	229	81	23	
60/ 59																																		255	255	142	47	
58/ 57																																		257	257	213	83	
56/ 55																																		253	253	250	122	
54/ 53																																		222	222	296	143	
52/ 51																																		173	173	327	202	
50/ 49																																		126	26	271	246	
48/ 47																																		65	65	252	260	
46/ 45																																		63	63	166	259	
44/ 43																																		16	16	133	218	
42/ 41																																		10	10	57	241	
40/ 39																																		3	3	29	158	
38/ 37																																		1	1	22	105	
36/ 35																																				3	76	
34/ 33																																				1	55	
32/ 31																																				1	44	
30/ 29																																					27	
28/ 27																																					7	
26/ 25																																					3	
24/ 23																																					1	
22/ 21																																					1	
18/ 17																																					1	
TOTAL	.9	7.1	17.0	26.2	22.7	14.0	7.8	3.4	1.2	.1																									2324	2324	2324	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.	10870175	149751	64.4	13.437	2324	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																											
Dry Bulb	8095431	135187	58.6	7.031	2324			13.3	2.5	.1																											93	
Wet Bulb	6243546	120676	51.9	5.769	2324			.2																												93		
Dew Point	5046474	107064	46.1	7.010	2324			3.4	.0																											93		

USAF ETAC FORM 44 0-26-5 (7/61) REVISION 11/60 EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

35010 STATION WIESBADEN AB GERMANY STATION NAME 46-70 YEARS MAY MONTH

PAGE 1 1200-1400 HOURS U.S. Y.

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																																		8	8		
84/ 83																																		10	10		
82/ 81																																		14	14		
80/ 79																																		37	37		
78/ 77																																		71	71		
76/ 75																																		84	84		
74/ 73																																		109	109		
72/ 71																																		133	133		1
70/ 69																																		188	189	10	
68/ 67																																		157	157	27	3
66/ 65																																		172	172	46	5
64/ 63																																		187	187	110	9
62/ 61																																		201	201	131	25
60/ 59																																		221	221	222	48
58/ 57																																		213	213	208	102
56/ 55																																		165	166	272	112
54/ 53																																		144	144	320	155
52/ 51																																		88	88	265	199
50/ 49																																		62	62	266	199
48/ 47																																		32	32	182	250
46/ 45																																		17	17	151	247
44/ 43																																		1	1	74	211
42/ 41																																		1	1	36	138
40/ 39																																		3	3	13	187
38/ 37																																		2	2	9	136
36/ 35																																				2	93
34/ 33																																		1	1	1	58
32/ 31																																					51
30/ 29																																					41
28/ 27																																					13
26/ 25																																					5
24/ 23																																					6
22/ 21																																					1
Element (X)	Σx^2	Σx	\bar{x}	s^2	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																																					

USAF ETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

35010 STATION AIESHADEL AN GERMANY 46-70 YEARS MAY MONTH

PAGE 1 1500-1700 HOURS U.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														
90/ 89																																		1	1
88/ 87																																		2	3
86/ 85																																		14	14
84/ 83																																		13	13
82/ 81																																		27	27
80/ 79																																		61	61
78/ 77																																		74	74
76/ 75																																		121	122
74/ 73																																		131	131
72/ 71																																		149	149
70/ 69																																		174	174
68/ 67																																		174	174
66/ 65																																		173	173
64/ 63																																		188	188
62/ 61																																		210	210
60/ 59																																		225	225
58/ 57																																		191	191
56/ 55																																		173	173
54/ 53																																		114	114
52/ 51																																		74	74
50/ 49																																		43	43
48/ 47																																		20	20
46/ 45																																		3	3
44/ 43																																		2	2
42/ 41																																		4	4
40/ 39																																		17	17
38/ 37																																		7	7
36/ 35																																		14	14
34/ 33																																		7	7
32/ 31																																		52	52
30/ 29																																		36	36
28/ 27																																		22	22
26/ 25																																		7	7
24/ 23																																		4	4
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

35010 MIESBADEN AG GERMANY
STATION STATION NAME

66-70
YEARS

MAY
MONTH

PAGE 1 1800-2000
NO. 45 U. S. 7. 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																
88/ 87																																			1	1		
86/ 85																																			4	4		
84/ 83																																			7	7		
82/ 81																																			10	10		
80/ 79																																			22	22		
78/ 77																																			36	36		
76/ 75																																			62	62		
74/ 73																																			70	71		
72/ 71																																			116	116		
70/ 69																																			135	135		
68/ 67																																			162	163	23	1
66/ 65																																			166	163	35	
64/ 63																																			184	184	71	13
62/ 61																																			184	184	102	27
60/ 59																																			236	236	206	35
58/ 57																																			227	227	225	86
56/ 55																																			241	241	267	122
54/ 53																																			191	191	298	152
52/ 51																																			110	110	287	200
50/ 49																																			86	86	277	247
48/ 47																																			46	46	217	225
46/ 45																																			14	14	159	244
44/ 43																																			4	4	92	227
42/ 41																																			1	1	37	184
40/ 39																																			2	2	15	172
38/ 37																																			3	3	8	139
36/ 35																																					2	102
34/ 33																																						60
32/ 31																																						35
30/ 29																																						28
28/ 27																																						11
26/ 25																																						9
24/ 23																																						2
22/ 21																																						1
Element (X)	Zx ²	Zx	X	s _x	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 02 JUL 64 0.26-5 (OLA) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 IES. ADEN AB GERMANY 49-71 YEAR: 1954 MONTH: MAY

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	DB. W.B.	Dry Bulb	W. Bulb	Dew Point					
78/ 77							.2	.1												3	3							
76/ 75							.2	.1												6	6							
74/ 73						.0	.1	.0	.2	.0										17	17							
72/ 71				.1	.1	.1	.1	.2												14	14							
70/ 69			.1	.4	.4	.2	.6	.1	.1											44	44							
68/ 67			.3	.4	.3	.9	.4	.2	.0	.0										66	66							
66/ 65		.0	.5	.7	.7	1.4	.3	.1												90	90	11						
64/ 63		.3	1.1	1.3	1.2	1.1	.4	.2												129	130	34	5					
62/ 61		.6	1.2	2.0	1.5	1.7	.2	.1												188	190	42	17					
60/ 59		.9	2.1	3.3	2.0	1.6	.4	.1	.0											242	242	83	40					
58/ 57	.3	1.4	2.5	2.1	2.1	.9	.2	.0												220	220	176	62					
56/ 55	.2	2.1	3.3	3.6	1.2	.3	.0													254	254	244	118					
54/ 53	.2	2.5	4.2	3.1	1.3	.4	.0													272	272	244	116					
52/ 51	.2	2.1	4.3	2.9	1.4	.4	.0													277	277	307	201					
50/ 49	.2	1.2	3.1	2.7	.7	.2														187	187	333	253					
48/ 47		1.0	2.3	1.8	.2	.0														138	138	243	260					
46/ 45		1.2	1.9	.7	.0															91	91	223	247					
44/ 43		.6	1.1	.2	.0															43	43	185	258					
42/ 41	.1	.3	.6	.1																25	25	100	218					
40/ 39		.1	.3	.1																11	11	60	158					
38/ 37		.3	.1																	2	8	16	142					
36/ 35		.1																		2	2	15	105					
34/ 33																						2	54					
32/ 31																							32					
30/ 29																							15					
28/ 27																							12					
26/ 25																							5					
TOTAL	1,215	029	421	413	9	9	3	1	.2	.0										2320		2320						

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	11877933	163050	70.3	13.437	2320	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	7307633	129355	55.7	6.710	2323			5.7	.8			93
Wet Bulb	5977348	117010	50.4	5.721	2320							93
Dew Point	4943281	105913	45.7	6.828	2320			2.6				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 IERSHADEN AB GERMANY
STATION STATION NAME

46-7
YEARS

Jun
1952

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																		
84/ 83											.0																						1	1					
82/ 81											.1																							2	2				
80/ 79										.0	.0	.0																						3	3				
78/ 77											.0																							1	1				
76/ 75										.1	.0																							3	3				
74/ 73						.4	.1			.1	.1																							5	5				
72/ 71					.1	.4	.1			.1	.2																							19	19				
70/ 69	.0	.4	.2	.4	.5	.1				.1																								39	39	2			
68/ 67		.2	.4	1.1	1.2	.5	.3	.2																										85	88	12			
66/ 65		1.1	2.4	1.8	.7	.6	.9	.1																										158	158	21	5		
64/ 63	.2	1.4	2.6	2.9	.7	.4	.2																											188	188	68	33		
62/ 61	.2	1.8	3.3	2.9	.9	.3																												202	202	157	64		
60/ 59	.6	3.5	4.1	2.4	1.6	.9																												277	277	210	114		
58/ 57	.5	3.7	4.2	3.0	.7	.2																												258	258	263	193		
56/ 55	.3	5.2	4.7	2.7	.7	.2																												309	309	277	235		
54/ 53	.1	4.3	3.3	1.5	.3	.0																												226	226	355	265		
52/ 51	.4	4.0	3.5	.9	.0																													201	201	291	286		
50/ 49	.2	2.4	2.5	.4																														115	115	254	289		
48/ 47	.1	1.6	1.2	.3																														72	72	161	249		
46/ 45	.0	.7	.1	.1																														72	72	85	192		
44/ 43		.4	.3	.2																														23	23	38	161		
42/ 41		.1	.1																															4	4	24	81		
40/ 39																																				8	42		
38/ 37																																			5	17			
36/ 35																																					14		
34/ 33																																					3		
32/ 31																																					6		
TOTAL		3,330	733	19.8	7.7	3.5	1.3	.4	.2																										2249	2249	2249		
																																			2249		2249		
Element (X)	Zx²	Zx	Z	Zx	No. Obs.	Mean No. of Hours with Temperature										Total																							
Rel. Hum.	14248673	177029	78.7	11.8	2249	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					90																							
Dry Bulb	7596354	130012	57.6	2.9	2249			6.6	.7	.2					90																								
Wet Bulb	6610450	121266	54.0	3.2	2249			.5							90																								
Dew Point	5908419	114319	50.9	3.6	2249			.2							90																								

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

DATA PROCESS: 11 1951
 JSAP ETAL
 AIR - EAT - SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 HIES-ADEN AB GERMANY 40-70
 5 STATION 5 STATION NAME YEARS
 PAGE 1 0300-0500
HOURS T.C. S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION - F																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	31	DB, WB	Dry Bulb	Wet Bulb	Dew Point													
78/77						.1	.1												4	4															
76/75				.1															1	1															
72/71					.1	.1	.1												5	6															
70/69			.1	.1	.1	.1	.1												15	15		1													
68/67			.3	.2	.3	.2	.1	.1											32	32		3													
66/65		.3	.4	.3	.2	.2	.1												79	79		5													
64/63	.3	1.5	2.2	1.3	.7	.2	.3												148	148	41	14													
62/61	.2	2.2	2.4	1.6	.7	.1													173	173	91	55													
60/59	.3	4.4	3.5	1.1	.3	.1													238	238	179	93													
58/57	.7	4.4	3.5	1.6	.3														249	249	227	169													
56/55	.7	6.7	5.2	1.5	.7	.1													333	333	268	187													
54/53	.7	5.9	4.4	1.3	.4														286	287	233	269													
52/51	.6	5.7	4.1	.4	.1														246	246	328	276													
50/49	.7	5.4	3.2	.6															224	224	291	263													
48/47	.2	2.8	1.3	.2															104	104	232	281													
46/45	.3	1.5	.7																50	50	141	233													
44/43	.1	1.1	.3	.1															36	36	65	182													
42/41	.1	.4	.1	.1															16	16	36	98													
40/39	.1	.2																	5	5	19	48													
38/37		.1																	1	1	8	33													
36/35																						14													
34/33																						10													
32/31																						3													
TOTAL	5.4	43.0	32.8	10.9	5.6	1.2	.8	.2												2249		2249													
																				2248		2249													

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15473822	184992	82.3	10.663	2248	≤ 0 F	≤ 32 F	≤ 67 °	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	7029358	125066	53.8	5.756	2249			2.3	.2			90
Wet Bulb	6276269	118225	52.6	5.227	2249			.2				90
Dew Point	5713110	112606	50.1	5.776	2249		.1	.0				90

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR HEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AA GERMANY
 STATION STATION NAME

46-77 YEARS

PAGE 1 0600-0800
 HOURS U.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	W.B. Dry Bulb	Wet Bulb Dew Point																
82/ 81							.1											3	3																
80/ 79							.0			.0								3	3																
78/ 77							.1		.1									4	4																
76/ 75							.1		.2									11	11																
74/ 73							.1		.4		.1							12	12																
72/ 71				.1	.2	.3	.4	.5										22	22	1															
70/ 69			.1	.2	.3	.4	.5	.6	.7	.8	.9							48	48	2															
68/ 67		.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1							107	107	8															
66/ 65		.6	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1							144	144	26	4														
64/ 63	.1	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.6							212	212	97	27														
62/ 61	.2	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1							231	231	158	81														
60/ 59	.3	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1							278	278	218	130														
58/ 57	.4	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7							276	276	257	192														
56/ 55	.4	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1							316	316	323	239														
54/ 53	.5	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1							238	239	344	273														
52/ 51	.5	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1							173	173	309	314														
50/ 49	.3	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9							102	102	233	300														
48/ 47	.1	.8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8							36	36	144	221														
46/ 45		.7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7							24	24	81	198														
44/ 43		.2	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2							7	7	31	136														
42/ 41		.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0							2	2	9	64														
40/ 39																					6	35													
38/ 37																					2	15													
36/ 35																						7													
34/ 33																						6													
32/ 31																						3													
30/ 29																						3													
TOTAL	2,527	334	320	195	43	16	4	0										2249	2249		2249														
																		2249		2249															
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	13909238	174864	77.8	11.804	2249	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	7778644	131628	58.5	5.906	2250			8.4	1.3	.2		93																							
Wet Bulb	6722653	122431	54.4	5.068	2249			.4				90																							
Dew Point	5986320	115314	51.3	5.728	2249		.2					50																							

USAFETAC FORM 0-26-5 (OL-1) 11/54
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAL
 AIR WEATHER SERVICE/40

PSYCHROMETRIC SUMMARY

35010 WES AGEN AB GERMANY
 STATION STATION NAME

66-71
 YEARS

PAGE 1 0900-1100
 HOURS U.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															
90/ 89																																		1	1			
88/ 87																																		4	4			
86/ 85																																		8	8			
84/ 83																																		16	16			
82/ 81																																		17	17			
80/ 79																																		28	28		1	
78/ 77																																		41	41			
76/ 75																																		78	78		1	
74/ 73																																		104	104		2	
72/ 71																																		148	148		11	
70/ 69																																		190	190		21	
68/ 67																																		196	196		50	
66/ 65																																		256	256		114	
64/ 63																																		241	241		203	
62/ 61																																		214	214		223	
60/ 59																																		240	240		203	
58/ 57																																		178	178		299	
56/ 55																																		145	145		325	
54/ 53																																		80	80		266	
52/ 51																																		47	47		206	
50/ 49																																		11	11		130	
48/ 47																																		5	5		76	
46/ 45																																		2	2		24	
44/ 43																																					10	
42/ 41																																				5		
40/ 39																																						
38/ 37																																						
36/ 35																																						
34/ 33																																						
32/ 31																																						
30/ 29																																						
TOTAL	.4	8.0	13.1	20.4	23.2	17.4	10.1	4.8	2.0	.6	.1																								2250	2250		2250
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.	9554268	145064	64.8	13.308	2250	≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	9481329	145191	64.5	7.064	2250			33.2	11.9	2.3																										90		
Wet Bulb	7425317	128687	57.2	5.382	2250			3.4	.2																											90		
Dew Point	6138204	116664	51.9	6.294	2250			.2	.4	.0																										90		

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

35010 WIES-ADEN AB GERMAN Y 68-71 JULY
 STATION SPAT ORG CODE YEARS MONTH
 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																
96/ 95																																			5	5		
94/ 93																																			3	3		
92/ 91																																			13	13		
90/ 89																																			22	22		
88/ 87																																			29	29		
86/ 85																																			45	45		
84/ 83																																			68	68		
82/ 81																																			51	51		
80/ 79																																			85	85		1
78/ 77																																			145	145		
76/ 75																																			172	172		5
74/ 73																																			166	166		3
72/ 71																																			192	192		3
70/ 69																																			182	182		3
68/ 67																																			226	226		2
66/ 65																																			192	192		18
64/ 63																																			178	178		55
62/ 61																																			119	119		103
60/ 59																																			126	126		136
58/ 57																																			81	81		161
56/ 55																																			66	66		247
54/ 53																																			31	31		254
52/ 51																																			15	15		269
50/ 49																																		5	5		270	
48/ 47																																		2	2		218	
46/ 45																																					10	143
44/ 43																																					3	129
42/ 41																																						110
40/ 39																																						54
38/ 37																																						34
36/ 35																																						20
34/ 33																																						9
32/ 31																																						7
30/ 29																																						1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 84 JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAJ

PSYCHROMETRIC SUMMARY

35010 Wiesbaden AB, Germany 49-70
 STATION STATE NAME YEARS
 PAGE 2 1500-1700
 MONTHS 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							
TOTAL	.2	4.0	7.7	8.8	13.3	15.3	19.6	13.8	8.6	6.6	4.0	2.8	1.1	.3	2249	2249	2249	2249															

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_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	7186267	121741	54.1	16.286	2249			57.4	33.4	12.4	.3	90
Dry B. lb	11149941	187191	83.3	3.522	2249			7.5	.3			90
Wet Bulb	7898404	132736	59.0	5.349	2249			.4	.1			90
Dew Point	6019854	118397	52.7	6.653	2249							90

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESHADEL AB GERMANY
 STATION STATION NAME

86-70
 YEARS

PAGE 1 1800-2000
 MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	31	DB W.B.	Dry Bulb	Wet Bulb	Dew Point																																		
96/95																																					2	2																		
94/93																																																								
92/91																																																								
90/89																																																								
88/87																																																								
86/85																																																								
84/83																																																								
82/81																																																								
80/79																																																								
78/77																																																								
76/75																																																								
74/73																																																								
72/71																																																								
70/69																																																								
68/67																																																								
66/65																																																								
64/63																																																								
62/61																																																								
60/57																																																								
58/57																																																								
56/55																																																								
54/53																																																								
52/51																																																								
50/49																																																								
48/47																																																								
46/45																																																								
44/43																																																								
42/41																																																								
40/39																																																								
38/37																																																								
36/35																																																								
34/33																																																								
32/31																																																								
Element (X)	Σ X ²		Σ X		X̄		S _x		No. Obs		Mean No. of Hours with Temperature						Total																																							
Rel. Hum.											≤ 0 F	≤ 33 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																																							
Dry Bulb																																																								
Wet Bulb																																																								
Dew Point																																																								

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

65-70
 YEARS

Jul
 MONTH

PAGE 1 2100-2300
 TOURS TO 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	>3'	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point					
88/ 87																											1	1						
86/ 85															.0	.0											2	2						
84/ 83															.0	.0											2	2						
82/ 81															.0	.0											4	4						
80/ 79								.1	.1			.2			.0	.0										10	10							
78/ 77								.1	.1			.1			.1	.0										8	8							
76/ 75								.1	.4	.4		.3			.1	.0										30	30							
74/ 73			.1				.4	.4	.4		.1			.0	.0		.0									43	43							
72/ 71			.2	.2	.5	.8	.8	.8	.8		.0			.1	.0											59	59	4						
70/ 69		.4	.5	.9	1.2	1.1	.7	.4	.1	.0				.1	.0											109	109	8	3					
68/ 67		.4	1.0	2.0	2.4	1.1	.4	.1	.1	.0				.1	.0											171	171	25	3					
66/ 65		.8	2.3	2.8	2.4	.8	.4	.1	.1	.0				.0	.0											216	216	65	13					
64/ 63	.1	.8	2.3	2.9	2.0	.9	.2																			212	212	134	44					
62/ 61	.3	1.9	3.5	3.0	2.4	.9	.2																			265	265	191	95					
60/ 59	.1	3.1	3.2	3.7	1.8	.9	.0																			272	272	273	144					
58/ 57	.2	2.6	4.3	2.7	1.3	.8																				256	256	305	230					
56/ 55	.4	3.1	4.3	2.4	.8	.8																				249	249	314	267					
54/ 53	.3	2.1	3.5	1.6	.4	.4																				165	165	322	282					
52/ 51	.4	1.5	1.5	.8	.1	.1																				90	90	257	277					
50/ 49	.1	.6	.8	.2	.1	.1																				42	42	167	281					
48/ 47		.4	.4	.3	.0	.0																				26	26	109	201					
46/ 45	.0	.2	.2	.0	.0	.0																				12	12	41	153					
44/ 43		.1																								2	2	17	111					
42/ 41																												11	72					
40/ 39																												1	34					
38/ 37																													21					
36/ 35																													7					
34/ 33																													7					
32/ 31																													1					
TOTAL	2.0	17.5	27.8	23.7	16.4	7.3	3.0	1.2	.7	.4	.1																2246	2246	2246					
Element (X)	Zy'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	12477578	164868	73.4	12.931	2246	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	8445164	136964	61.0	6.433	2246			17.6	4.0	.5		90																						
Wet Bulb	7063107	125413	55.8	5.180	2246			1.5				90																						
Dew Point	6144749	116717	52.0	5.568	2246			.0	.2			90																						

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

35010
STATION

WIESBADEN AB GERMANY
STATION NAME

46-70
YEARS

MONTH

PAGE 1 0000-0200
HOURS U.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				
82/ 81							.1																						1		1				
80/ 79							.2																						6		6				
78/ 77			.1			.1	.2			.1			.1																14		14				
76/ 75			.1			.2	.3			.2			.1																20		20				
74/ 73			.1		.1	.2	.3			.2			.1																42		42	2			
72/ 71			.2		.3	.4	.5			.4			.2																49		49	6			
70/ 69		.1	1.1	1.0	1.0	1.0	.8			.6			.4																103	103	7	3			
68/ 67		.4	1.4	2.0	2.0	1.8	.7			.2			.1																143	143	45	6			
66/ 65	.2	1.1	2.2	2.5	2.5	2.2	.8			.5			.3																165	165	78	37			
64/ 63	.2	2.2	3.3	3.5	3.5	3.0	.6			.4			.2																209	209	153	59			
62/ 61	.2	3.2	4.4	4.4	4.0	3.5	.5			.1			.0																260	260	195	149			
60/ 59	.2	5.4	6.6	6.6	6.0	5.5	.4			.3			.1																371	371	275	167			
58/ 57	.2	5.6	6.8	6.8	6.0	5.5	.3			.2			.1																344	344	352	277			
56/ 55	.2	4.7	5.9	5.9	5.0	4.5	.3			.1			.0																245	245	401	331			
54/ 53	.3	2.7	3.9	3.9	3.0	2.5	.0						.0																157	157	326	338			
52/ 51	.3	1.6	2.8	2.8	2.0	1.5	.0						.0																95	95	211	322			
50/ 49	.3	1.0	2.2	2.2	1.5	1.0	.0						.0																54	54	124	232			
48/ 47	.3	.5	1.7	1.7	1.0	.5	.0						.0																24	24	78	172			
46/ 45	.1	.3	1.5	1.5	1.0	.5	.0						.0																11	11	47	108			
44/ 43	.0	.0	1.2	1.2	.8	.4	.0						.0																1	1	12	63			
42/ 41	.0	.0	1.0	1.0	.7	.3	.0						.0																1	1	3	38			
40/ 39	.0	.0	.8	.8	.5	.2	.0						.0																			9			
38/ 37	.0	.0	.6	.6	.4	.2	.0						.0																			1			
TOTAL		1,329	2,238	1,118	573	308	103	.2	.3	.0			.0																2315		2315				

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

Element (λ)	$\sum x^2$	$\sum x$	\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.	14819898	183630	79.410	1.19	2314							
Dry Bulb	8324064	139784	60.4	6.012	2315			15.2	3.3	.2		93
Wet Bulb	7443000	130744	56.5	5.048	2315			2.4	.1			93
Dew Point	6745073	124341	53.7	5.364	2315			.4				93

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 45-70 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
GROUPS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
78/ 77				.0		.0																												2	2				
76/ 75				.1	.5	.0	.1																											13	10				
74/ 73			.2	.1	.5	.2																												15	15				
72/ 71		.0	.2	.5	.5	.0	.0																											25	25	1			
70/ 69		.1	.5	.6	.5	.1	.1																											41	41	7	1		
68/ 67	.0	.7	1.1	1.0	.1	.2																												87	87	18	7		
66/ 65	.0	.9	2.4	1.6	.5	.2																												134	134	60	20		
64/ 63	.1	2.3	3.2	1.6	.1	.1																												176	176	95	50		
62/ 61	.4	3.5	3.2	1.0	.2	.1																												220	220	159	127		
60/ 59	.4	6.4	5.1	2.0	.5	.0																												326	326	238	165		
58/ 57	.5	7.4	6.1	1.5	.1																													362	362	303	205		
56/ 55	.7	3.4	3.1	1.1	.1																													355	357	387	330		
54/ 53	.5	5.7	3.5	.3																														231	231	363	354		
52/ 51	.2	4.3	2.5	.2																														166	166	268	318		
50/ 49	.1	1.5	1.7																															75	75	190	276		
48/ 47	.0	1.4	.6																															51	51	100	200		
46/ 45	.2	1.0	.1																															31	31	74	121		
44/ 43		.1																																3	3	25	79		
42/ 41		.3																																6	6	7	54		
40/ 39																																					2	7	
38/ 37																																						1	1
36/ 35																																						1	1
TOTAL	3.2	44.1	36.1	11.5	3.7	1.1	.3																												2317	2318	2317	2316	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																											
Rel. Hum.	15263473	192989	83.2	8.866	2316																																		
Dry Bulb	7922398	134888	58.2	5.624	2318				7.2	1.1																												93	
Wet Bulb	7119057	127908	55.2	5.018	2317				1.0																													93	
Dew Point	6569508	122740	53.0	5.288	2316				.3																													93	

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ AOC

PSYCHROMETRIC SUMMARY

STATION 35019 WIESBADEN AB GERMANY 6-73 YEARS 1
 MONTHS 12
 PAGE : 0600-C800
 HOURS 3

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
82/ 81																			1		1														
80/ 79						.1	.2												3		3														
78/ 77						.1	.4												11		11														
76/ 75					.2	.3	.2	.1											22		22														
74/ 73			.1	.4	.7	.3	.1												38		38														
72/ 71			.2	.5	.3	.1													48		48	1													
70/ 69		.1	1.1	1.2	1.0	.3	.0												89		89	15	1												
68/ 67		.5	2.1	2.2	.9	.6	.1												153		153	39	8												
66/ 65	.1	1.3	2.0	2.3	1.1	.3													197		197	65	37												
64/ 63	.3	2.2	3.3	2.6	.9	.1													223		223	152	94												
62/ 61	.3	4.1	4.7	2.4	1.3	.2													300		300	230	136												
60/ 59	.3	4.7	5.3	2.8	.4	.1													350		352	297	214												
58/ 57	.3	5.8	5.8	2.1	.3														330		330	339	211												
56/ 55	.4	4.3	5.1	1.2	.1														261		262	415	330												
54/ 53	.1	3.0	2.8	.6															152		152	294	341												
52/ 51	.1	2.1	1.7	.4															99		99	221	310												
50/ 49		.5	.4	.0															24		24	143	250												
48/ 47	.1	.2	.2																12		12	52	180												
46/ 45		.2	.1																5		5	18	77												
44/ 43																						7	48												
42/ 41																							21												
40/ 39																							2												
TOTAL	2.0	29.3	37.2	19.3	7.8	3.1	.4	.2														2321	2318												

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

Element (X)	Σx^2	Σx	\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.	15002744	185046	79.8	9.974	2318							
Dry Bulb	8609663	140747	60.6	5.673	2321			14.6	3.0	.1		93
Wet Bulb	7544772	131772	56.8	4.822	2318			2.2				93
Dew Point	6862181	125551	54.2	5.168	2318			.4				93

DATE: 12/1/54
 USAF ET
 AIR BATT

PSYCHROMETRIC SUMMARY

35010 46-70 1200-1400
 STATION: 46-70 YEARS: 1200-1400
 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.	Wet Bulb	Dew Point				
98/97																																		3	3					
96/95																																		3	5					
94/93																																		5	5					
92/91																																		18	18					
90/89																																		34	34					
88/87																																		43	43					
86/85																																		58	58					
84/83																																		92	92					
82/81																																		101	101					
80/79																																		122	122					
78/77																																		144	144	1				
76/75																																		182	182	9				
74/73																																		174	174	32	1			
72/71																																		208	206	53	4			
70/69																																		219	219	113	10			
68/67																																		215	215	176	27			
66/65																																		211	211	232	66			
64/63																																		169	169	261	114			
62/61																																		145	145	316	160			
60/59																																		86	85	330	192			
58/57																																		62	62	307	239			
56/55																																		19	19	243	289			
54/53																																		3	3	147	283			
52/51																																		1	1	56	296			
50/49																																		1	1	39	218			
48/47																																		8	8	163				
46/45																																					122			
44/43																																					76			
42/41																																					36			
40/39																																					20			
38/37																																					6			
32/31																																					1			
TOTAL																																					2325	2325	2325	2325
Element (X)	Zx'	Zx	X	Xa	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.	7759524	130338	56.1	14.112	2325	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																												
Dry Bulb	12554822	166316	71.3	3.235	2325			64.9	39.2	16.4	.5	93																												
Wet Bulb	8720528	141346	61.0	5.359	2325			15.4	1.7			93																												
Dew Point	6900349	125853	54.1	3.149	2325			.0	1.7	.0		93																												

USAFETAC FORM 9-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR HEATER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 RIESBADEN AB GERMANY 46-70 July
STATION STATION NAME YEARS MONTHS
 PAGE 2 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. WB	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																				
TOTAL	3.5	6.3	7.5	11.4	14.4	15.2	13.5	10.3	8.0	5.0	2.3	1.0	.8	.4																		2325	2325				

Element (X)	Σ X ²	Σ X	X̄	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.	7215470	124472	53.5	15.407	2325							
Dry Bulb	12502487	169281	72.8	8.734	2325			68.2	44.8	21.6	1.7	93
Wet Bulb	8798907	142521	61.3	5.184	2325			16.4	1.3			93
Dew Point	6866003	125005	53.8	6.049	2325			1.4	.1			93

USAF ETAC FORM 0-26-5 (UL) REV 64

REVISI ONED EDITIONS OF THIS FORM ARE OBSOLETE

1250 26 5 15 10 50 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

35010 IESBADEN AB GERMANY
 STATION STATION NAME

46-72
 YEARS

JUN
 MONTH

PAGE 1 2100-2300
 HOURS U.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.P.	B. Bulb	Wet Bulb	Dew Point														
86/ 85							.0	.1	.1	.0								5	5																
84/ 83							.0	.1	.2	.0								8	6																
82/ 81				.0	.1	.1	.3	.0	.0									16	16																
80/ 79			.0	.0	.3	.3	.1	.3	.0									27	27																
78/ 77				.3	.3	.4	.4	.2	.1									32	32																
76/ 75			.1	.3	.3	.4	.4	.2	.1									63	63	2															
74/ 73			.1	.1	.3	.3	.4	.2	.2									73	78	4	1														
72/ 71		.1	.2	.6	1.0	1.0	.6	.2	.0									99	99	20	5														
70/ 69		.1	1.1	1.3	2.0	2.0	.7	.1										155	165	38	6														
68/ 67		.4	1.3	2.5	2.1	1.0	.5	.1										198	196	61	22														
66/ 65	.2	1.2	2.3	3.4	2.2	.7	.3											243	243	122	46														
64/ 63	.2	1.5	4.0	3.4	2.6	.8	.2											290	290	228	101														
62/ 61	.1	2.3	4.1	3.3	1.5	.3	.0											276	276	250	142														
60/ 59	.2	3.2	5.4	3.3	1.3	.0	.0											312	312	339	219														
58/ 57	.1	2.4	3.8	1.9	.4	.0												206	206	369	313														
56/ 55		2.1	3.5	1.4	.2													167	167	350	335														
54/ 53		1.0	1.5	.5	.1													72	72	246	313														
52/ 51		.5	.4	.3														39	39	149	274														
50/ 49		.2	.4	.2														19	19	81	221														
48/ 47	.0	.0	.0															3	3	39	147														
46/ 45		.0																2	2	17	97														
44/ 43																				2	45														
42/ 41																				1	20														
40/ 39																					9														
38/ 37																					3														
TOTAL		315	329	424	116	5	6	7	4	3	1	6	.3	.2					2320	2320	2319														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature				
						≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12901411	170697	73.6	12.053	2319					
Dry Bulb	9471248	147451	63.6	6.559	2320	27.7	9.2	1.9		93
Wet Bulb	7921762	135054	58.2	5.061	2320	5.1	.3			93
Dew Point	6975783	125545	54	5.510	2319	1.4	.0			93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 40-70 AUG 1950
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 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					
80/ 79																																			1	1						
78/ 77																																			4	4						
76/ 75																																			7	7						
74/ 73																																			11	11						
72/ 71																																				36	36					
70/ 69																																				78	78					
68/ 67																																				133	133	16	6			
66/ 65																																				195	195	54	15			
64/ 63																																				236	236	154	60			
62/ 61																																				288	288	218	160			
60/ 59																																				360	360	323	179			
58/ 57																																				298	298	343	272			
56/ 55																																				255	255	362	318			
54/ 53																																				190	190	303	317			
52/ 51																																				99	99	230	289			
50/ 49																																				65	65	146	284			
48/ 47																																				21	21	88	171			
46/ 45																																				2	2	37	119			
44/ 43																																				2	2	6	53			
42/ 41																																							1	32		
40/ 39																																							6			
TOTAL																																							2281	2281	2281	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																															
Rel. Hum.	15060122	183762	80.810	5.93	2281	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																														
Dry Bulb	8242709	136557	59.9	5.438	2281			11.0	.9			93																														
Wet Bulb	7265969	128287	56.2	4.725	2281			.7				93																														
Dew Point	6620557	122313	53.6	5.207	2281			.2				93																														

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS P. 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																	
76/75																																	1	1				
74/73																																		10	10			
72/71																																		10	10			
70/69																																		27	27			
68/67																																		60	60		3	
66/65																																		141	141	29	9	
64/63																																		217	217	93	43	
62/61																																		244	244	181	121	
60/59																																		342	344	279	171	
58/57																																		321	321	343	246	
56/55																																		327	327	367	326	
54/53																																		213	213	289	334	
52/51																																		180	180	262	277	
50/49																																		106	106	210	269	
48/47																																		61	61	129	207	
46/45																																		25	25	70	148	
44/43																																		5	5	33	69	
42/41																																		2	2	3	51	
40/39																																					1	21
TOTAL	5.6	45.2	33.6	9.6	3.7	1.3	.2	.4	.1																										2292	2294	2292	
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	16357852	192342	83.9	9.726	2292	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	7753780	132802	57.9	5.354	2294			4.4	.4			93																										
Wet Bulb	6991044	126094	55.0	4.853	2292			.1				93																										
Dew Point	6467375	121149	52.9	5.275	2292							93																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-75 AVG
 STATION STATION NAME YEARS MONTH

PAGE 1 2600-0800

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-WB	Dry Bulb	Wet Bulb	Dew Point														
78/ 77						.0	.0	.0										3	3																
76/ 75						.0	.0	.0										3	3																
74/ 73			.1		.1	.2	.2	.2										15	15																
72/ 71			.2		.4	.4	.4	.4										25	25																
70/ 69		.1	.4		.4	.4	.2	.2	.0									44	44	2															
68/ 67		.1	1.4		1.2	.8	.3	.2										104	104	9	3														
66/ 65	.1	1.9	2.3		2.0	1.2	.1	.1										186	186	42	13														
64/ 63	.4	3.2	4.3		2.0	.8	.1	.0										246	246	135	33														
62/ 61	.4	3.9	5.3		2.0	.5	.1											274	276	201	134														
60/ 59	.8	5.4	5.1		2.2	.4	.1											339	339	294	184														
58/ 57	.8	5.3	5.4		1.6	.6												316	316	375	259														
56/ 55	.7	6.1	5.2		1.2	.0												323	323	337	344														
54/ 53	.8	3.7	3.7		.3													153	193	329	325														
52/ 51	.3	3.9	2.1		.1													134	134	289	308														
50/ 49	.3	1.8	.8															70	70	177	309														
48/ 47	.3	.8	.6															35	35	79	186														
46/ 45	.1	.3																10	10	38	119														
44/ 43		.0																1	1	12	56														
42/ 41		.1																1	1	2	23														
40/ 39																					5														
TOTAL	4.7	36.2	37.8	13.4	5.3	1.4	.3	.4										2321	2324	2321	2321														
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	15882085	190551	82.1	10.130	2321	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	9° F	Total																							
Dry Bulb	2183708	137344	59.1	5.368	2324			7.8	.8			93																							
Wet Bulb	7282144	129564	55.8	4.668	2321			.4				93																							
Dew Point	6683339	124002	53.4	5.003	2321			.1				93																							

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

Approved for use by...

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

35010 ALESBADE AB GERMANY 46-70 AUG
STATION MONTH

PAGE 1 0900-1100
HOURS G. 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																		
88/ 87																																		2	2				
86/ 85																																		2	2				
84/ 83																																		6	6				
82/ 81																																		19	19				
80/ 79																																		27	27				
78/ 77																																		54	54				
76/ 75																																		93	93				
74/ 73																																		113	113				
72/ 71																																		162	162	4			
70/ 69																																		213	213	20	1		
68/ 67																																		237	237	81	9		
66/ 65																																		301	301	155	25		
64/ 63																																		299	300	263	84		
62/ 61																																		284	284	316	148		
60/ 59																																		248	248	344	263		
58/ 57																																		145	145	391	310		
56/ 55																																		76	76	326	299		
54/ 53																																		31	31	257	299		
52/ 51																																		9	9	130	327		
50/ 49																																				30	245		
48/ 47																																		1	1	3	181		
46/ 45																																		1	1	1	79		
44/ 43																																					32		
42/ 41																																					18		
40/ 39																																				3			
TOTAL																																				2323	2324	2323	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	11247774	158890	68.4	12.791	2323	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10380480	152248	65.5	6.103	2324			37.1	12.6	1.6		93
Wet Bulb	8091613	136715	58.9	4.429	2323			4.2				93
Dew Point	6919881	125233	54.3	3.088	2323			.4				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

33010 VIESBADEN AA GERMANY 46-70 AUG
STAT ON STATION NAME 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														
96/ 95																			1	1															
94/ 93																			6	6															
92/ 91																			17	17															
90/ 89																			32	32															
88/ 87																			44	44															
86/ 85																			49	49															
84/ 83																			76	76															
82/ 81																			105	105															
80/ 79																			92	92															
78/ 77																			149	149															
76/ 75																			247	247															
74/ 73																			185	185															
72/ 71																			198	198	25														
70/ 69																			275	275	105	3													
68/ 67																			240	240	196	5													
66/ 65																			223	223	244	41													
64/ 63																			141	141	291	97													
62/ 61																			113	113	285	170													
60/ 59																			58	58	380	211													
58/ 57																			48	48	315	228													
56/ 55																			21	21	268	255													
54/ 53																			3	3	151	288													
52/ 51																			2	2	53	303													
50/ 49																					7	249													
48/ 47																						166													
46/ 45																						145													
44/ 43																						88													
42/ 41																						44													
40/ 39																						19													
38/ 37																						13													
TOTAL																																			
	3	3.5	5.8	7.4	11.8	16.8	17.1	15.7	8.8	5.2	2.8	2.5	.8	.2	.2				2325	2325	2325	2325													
Element (X)	Zx ²	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	7501581	127249	54.7	15.204	2325	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	12094222	166746	71.7	7.633	2325			68.6	40.1	15.2	.3	93																							
Wet Bulb	8647396	141364	60.8	4.740	2325			13.2	.1			93																							
Dew Point	6736449	124379	53.5	3.962	2325			.3				93																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 PIESBADEN AB GERMANY 46-70 AUG 1900-2000
 STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
 HOURS PER MONTH

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

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														
92/ 91																		4		4															
90/ 89																		8		8															
88/ 87																		19		19															
86/ 85																		29		29															
84/ 83																		33		33															
82/ 81																		59		59															
80/ 79																		76		76															
78/ 77																		85		85															
76/ 75																		145		145															
74/ 73																		140		140		5													
72/ 71																		190		190		16													
70/ 69																		206		206		58													
68/ 67																		291		291		159													
66/ 65																		298		298		207													
64/ 63																		237		237		103													
62/ 61																		176		176		307													
60/ 59																		153		153		373													
58/ 57																		76		76		324													
56/ 55																		57		57		296													
54/ 53																		22		22		189													
52/ 51																		5		5		96													
50/ 49																						19													
48/ 47																						7													
46/ 45																						105													
44/ 43																						51													
42/ 41																						22													
40/ 39																						11													
38/ 37																						4													
TOTAL																		2309		2310		2309													
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	9628275	145079	62.814	3.04	2309	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	10898297	157778	68.3	7.72	2310			51.8	24.1	7.7		93																							
Wet Bulb	8342659	128352	59.9	4.783	2309			9.6	.2			93																							
Dew Point	6882797	125379	54.2	5.689	2309			.8				93																							

DATA PROCESSING SERVICE
 USAF ETAL
 AIR WEATHER SERVICE/ 40

PSYCHROMETRIC SUMMARY

35010 IES-ADEN A- 32-44' 46-70 AUG
 STATION NAME LOCATION 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	31-32	DB WB	Dry Bulb	Wet Bulb	Dew Point														
84/ 83																	.0													1	1				
82/ 81					.1												.1													4	4				
80/ 79									.1								.1													7	7				
78/ 77								.1									.2													16	16				
76/ 75							.4		.3								.3													37	37		1		
74/ 73				.2	.6		.6		.5								.4													54	54		1		
72/ 71			.4	.8	1.2		.9		.5								.1													91	91				
70/ 69		.1	1.1	1.1	1.3		1.0		.2								.0													118	118		7		
68/ 67	.3	.5	2.2	2.5	1.7		.8		.3								.0													181	181	51	4		
66/ 65	.3	1.8	3.2	3.3	1.4		1.1		.1								.0													247	247	118	23		
64/ 63	.4	2.2	4.3	3.4	2.3		.3		.0																					306	306	181	109		
62/ 61	.1	3.3	5.1	4.3	1.3		.3		.0																					327	327	280	146		
60/ 59	.3	3.5	4.4	3.7	1.3		.2																							316	316	356	221		
58/ 57	.2	2.4	4.1	2.4	.6																									220	220	348	316		
56/ 55	.0	2.3	4.1	1.4	.1																									185	185	341	321		
54/ 53	.1	1.5	2.2	.7	.1																									104	104	241	286		
52/ 51	.1	1.0	.7	.4																										50	50	213	274		
50/ 49		.3	.2	.3																										13	13	97	241		
48/ 47																																	32	183	
46/ 45																																	13	85	
44/ 43																																		42	
42/ 41																																		22	
40/ 39																																		6	
TOTAL	1.5	16.9	31.9	25.0	13.1	6.1	2.1	.8	.4	.1	.1																			2279	2279		2279		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Hum.	13297149	172063	75.5	11.600	2279	≤ 0 F	= 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8965519	142343	62.5	5.741	2279			20.9	4.9	.3		93
Wet Bulb	7624818	131390	57.7	4.678	2279			2.4	.0			93
Dew Point	6776670	123693	54.3	3.245	2279			.2	.0			93

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

DATA PROCESSING SYSTEM
 JSAF ETAC
 AIR FORCE SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 AIFSHADEN AB GER M Y 66-69 STATION STATION NAME YEARS
 PAGE 1 0000-0200
MOORE S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	31	DB, WB	Dry Bulb	Wet Bulb	Dew Point																
74/ 73										.1																							6	6				
72/ 71					.3		.1		.1																								4	4				
70/ 69					.3		.1		.1																								9	9				
68/ 67					.4		.1		.1		.3																						28	39				
66/ 65	.3	.5	1.0		.8		.4		.4		.3																						73	74	6	1		
64/ 63	.1	1.2	1.0		.8		.5		.5		.5																						116	118	37	10		
62/ 61	.2	3.0	2.0		1.8		.5		.4		.3																						192	195	88	42		
60/ 59	.6	3.9	3.4		1.8		.5		.3																								234	234	170	103		
58/ 57	.8	5.8	3.9		1.2		.7		.2																								274	274	209	162		
56/ 55	1.0	6.0	3.4		1.8		.6		.3																								278	278	301	207		
54/ 53	1.0	5.8	4.0		.8		.3		.1																								271	271	291	253		
52/ 51	.7	5.8	2.9		.6		.0		.0																								220	220	273	249		
50/ 49	.9	5.0	2.5		.7		.1																										197	197	283	291		
48/ 47	.4	2.7	1.7		.1																												107	107	199	263		
46/ 45	.3	2.3	1.6																														87	97	131	181		
44/ 43	.1	1.2	.6																														36	36	99	143		
42/ 41	.0	.5	.1																														12	12	49	109		
40/ 39	.0	.3																															8	8	8	70		
38/ 37		.1																															2	2	9	43		
36/ 35																																			1	18		
34/ 33																																					7	
32/ 31																																					1	
30/ 29																																					1	
TOTAL	6.4	44.1	33.8	11.4	4.4	2.7	.3																										2154	2159		2154		
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	15028462	178378	82.5	10.915	2154	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 89 F	≤ 93 F	Total																										
Dry Bulb	6715736	119762	55.5	5.792	2154			2.0	.3			90																										
Wet Bulb	5998222	113094	52.5	5.292	2154							90																										
Dew Point	5470919	107805	50.0	5.918	2154							90																										

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

46-70

SEP

STATION

STATION NAME

YEARS

PAGE 1 C300-0500

FORM NO. 52

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	DB-WB	Dry Bulb	Wet Bulb	Dew Point	
72/71										.1							1	1			
70/69					.1												1	1			
68/67				.1	.1	.2											12	12			
66/65	.1	.1	.1	.4													33	33	2	2	
64/63	.1	.4	.6	1.1	.4	.1	.0										58	59	16	3	
62/61	.4	2.7	1.4	1.1	.8	.3	.0										140	143	58	26	
60/59	1.2	4.0	2.7	1.4	.7	.4											222	224	144	94	
58/57	1.4	4.8	3.5	1.8	.4	.0											239	239	176	147	
56/55	1.0	7.1	5.7	1.3	.7	.0											239	289	233	173	
54/53	1.6	6.7	5.7	.8	.1	.0											277	277	291	218	
52/51	1.7	7.1	2.8	.5	.2	.0											258	268	318	274	
50/49	1.2	5.3	2.8	.5	.1												226	226	271	278	
48/47	1.1	3.8	1.6	.8	.1	.0											155	155	257	272	
46/45	1.1	2.8	1.6	.0													112	112	173	218	
44/43	.4	2.6	.6	.0													81	81	122	161	
42/41	.1	1.2															40	40	75	123	
40/39	.0	.4															19	19	39	72	
38/37	.0	.1															7	7	22	66	
36/35		.2															4	4	7	33	
34/33																				13	
32/31																				2	
30/29																				2	
24/23																				1	
TOTAL																		2190		2184	2184

Element (λ)	Σx²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16206934	186891	85.6	9.890	2184	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	6365572	117298	53.6	5.786	2190				6			90
Wet Bulb	579515	111893	51.2	2.393	2184							90
Dew Point	5362685	107405	49.2	6.080	2184					2		90

USAF/ETAC FORM 0-26-5 (OLA) 8-70 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESS: 01.151
 USAF ETAC
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 66-7 SEP
 STATION STATION NAME YEAR MONTH

PAGE 1 0600-0900
 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																		
74/ 73																																			1	1			
72/ 71																																			2	2			
70/ 69																																			1	1			
68/ 67																																			16	17			
66/ 65																																			30	30	3		
64/ 63																																			83	83	17	2	
62/ 61																																			163	164	62	30	
60/ 59																																			202	205	143	99	
58/ 57																																			252	252	184	133	
56/ 55																																			310	310	244	161	
54/ 53																																			299	299	329	231	
52/ 51																																			265	263	328	299	
50/ 49																																			229	229	284	306	
48/ 47																																			153	153	245	292	
46/ 45																																			100	100	162	212	
44/ 43																																			68	68	110	163	
42/ 41																																			42	40	62	114	
40/ 39																																			28	28	54	87	
38/ 37																																			4	4	15	59	
36/ 35																																			1	1	2	28	
34/ 33																																						1	3
32/ 31																																						4	4
30/ 29																																						2	2
TOTAL	11.9	46.5	29.7	9.3	2.7	.4	.1	.1																												2245	2250	2245	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 67 F	≤ 73 F	≤ 80 F	≤ 86 F	≤ 93 F	
Rel. Hum.	16546251	191405	85.3	10.066	2245						
Dry Bulb	6609482	121254	53.9	5.775	2250						90
Wet Bulb	6004632	115467	51.4	5.407	2245						90
Dew Point	5543784	110774	49.3	5.877	2245						90

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR HEATER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WES-ACE, 48 GERMAN 48-70 YEARS SEP 1950

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	31-32	D.B. W.B.	Dry Bulb	Wet Bulb	De-P.	Point													
82/ 81																		1		1															
80/ 79						.1		.1		.2								7		7															
78/ 77						.1		.1		.1								10		10															
76/ 75					.1	.2		.4		.1								18		18															
74/ 73					.1	.3		.2		.3								26		26		1													
72/ 71					.1	.5		.7		.5								58		58															
70/ 69					.2	.3		.4		.5								74		74		1													
68/ 67					.1	.5		1.1		.5								123		120		4													
66/ 65					.3	1.4		2.3		.8								194		194		7													
64/ 63					.1	2.1		3.0		.9								207		207		30													
62/ 61					.2	2.4		3.4		1.1								254		254		80													
60/ 59					.3	3.4		4.4		1.1								309		309		119													
58/ 57					.3	2.7		3.6		1.6								278		278		174													
56/ 55					1.1	2.7		4.5		2.7								260		260		240													
54/ 53					.4	3.0		2.3		1.5								190		190		270													
52/ 51					.5	2.1		1.5		1.2								126		126		304													
50/ 49					.3	1.2		1.1		.4								68		68		313													
48/ 47					.3	.8		.4		.4								28		28		220													
46/ 45					.1	.4		.2										15		15		183													
44/ 43					.1	.1												4		4		142													
42/ 41					.1													3		3		65													
40/ 39																						48													
38/ 37																						26													
36/ 35																						4													
34/ 33																						4													
32/ 31																						3													
TOTAL	3.4	17.7	25.4	25.7	15.2	5.8	3.4	1.1	.3	.0								2250		2250		2250													

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	12661136	166202	73.8	13.070	2250	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	8152729	134717	59.9	6.207	2250			12.6	2.5	.2		90
Wet Bulb	6841523	123549	54.9	5.050	2250			.9	.0			90
Dew Point	5944244	114908	51.1	5.815	2250		.1	.0				90

USAFETAC FORM 34 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS U.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										
94/ 93																																1	1			
90/ 89																																7	7			
88/ 87																																7	7			
86/ 85																																8	8			
84/ 83																																16	16			
82/ 81																																32	32			
80/ 79																																39	39			
78/ 77																																44	44			
76/ 75																																84	84			
74/ 73																																120	120			
72/ 71																																140	140	15		
70/ 69																																181	181	28	2	
68/ 67																																228	228	57	5	
66/ 65																																229	229	95	21	
64/ 63																																236	236	179	33	
62/ 61																																270	270	240	94	
60/ 59																																213	213	279	168	
58/ 57																																192	192	332	177	
56/ 55																																93	93	325	221	
54/ 53																																55	56	236	253	
52/ 51																																34	34	244	292	
50/ 49																																16	16	134	287	
48/ 47																																2	2	62	207	
46/ 45																																2	2	20	161	
44/ 43																																				
42/ 41																																				
40/ 39																																				
38/ 37																																				
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
TOTAL	.4	6.4	11.4	17.6	22.7	19.0	10.8	5.9	2.6	2.0	.7	.3	.2																							
Element (X)	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x		
Rel. Hum.	9247089	140619	62.5	14.282	2250	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																								
Dry Bulb	9693714	146786	65.2	7.233	2250			36.3	14.3	3.4	.0	90																								
Wet Bulb	7435173	128801	57.2	5.249	2250			4.0				90																								
Dew Point	6025058	115544	51.4	6.380	2250			.3	.3			90																								

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26-27	28	29	30	31	DB. WB	Dry Bulb	Wet Bulb	Dew Point																	
92/ 91														.1					.1																4	4					
90/ 89														.1					.1									.1								14	14				
88/ 87														.1					.1									.1								13	13				
86/ 85														.1					.1									.1								11	11				
84/ 83														.1					.1									.1								30	30				
82/ 81										.1			.1						.1								.1									33	33				
80/ 79							.1		.1			.1		.1					.1							.1										47	47				
78/ 77				.1			.1		.1			.1		.1					.1							.1										84	84				
76/ 75			.1			.1	.1		.1		.1		.1		.1				.1						.1											106	106				
74/ 73			.1		.1		.1		.1		.1		.1		.1				.1					.1												165	165				
72/ 71			.1		.1		.1		.1		.1		.1		.1				.1					.1												152	152	11	1		
70/ 69			.1		.1		.1		.1		.1		.1		.1				.1					.1												191	191	43			
68/ 67		.1		.1		.1		.1		.1		.1		.1					.1					.1												218	218	68	4		
66/ 65		.1		.1		.1		.1		.1		.1		.1					.1					.1												230	230	104	18		
64/ 63		.1		.1		.1		.1		.1		.1		.1					.1					.1												220	220	207	39		
62/ 61		.1		.1		.1		.1		.1		.1		.1					.1					.1												219	219	260	81		
60/ 59	.1		.1		.1		.1		.1		.1		.1		.1				.1					.1												199	199	300	162		
58/ 57	.1		.1		.1		.1		.1		.1		.1		.1				.1					.1												132	132	307	208		
56/ 55	.1		.1		.1		.1		.1		.1		.1		.1				.1					.1												81	81	293	223		
54/ 53	.1		.1		.1		.1		.1		.1		.1		.1				.1					.1												52	52	247	243		
52/ 51	.1		.1		.1		.1		.1		.1		.1		.1				.1					.1												28	28	205	254		
50/ 49	.1		.1		.1		.1		.1		.1		.1		.1				.1					.1												17	17	122	231		
48/ 47																																						59	235		
46/ 45																																					4	4	21	207	
44/ 43																																						2	132		
42/ 41																																					1	93			
40/ 39																																							57		
38/ 37																																							34		
36/ 35																																							15		
34/ 33																																							5		
32/ 31																																							5		
30/ 29																																							3		
TOTAL		.6	5.0	9.0	14.9	18.5	20.8	19.6	8.0	3.9	2.9	1.6		.6	.4			.0																			2250	2250	2250		
Element (X)	Σx^2		Σx		\bar{x}		s^2		No. Obs.		Mean No. of Hours with Temperature																														
Rel. Hum.	8480761		134015		59.4		14.888		2250		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																		
Dry Bulb	10112976		149332		66.8		7.758		2250				42.7		20.3		5.0						90																		
Wet Bulb	7551007		129791		57.7		5.335		2250				4.9										90																		
Dew Point	5985807		115133		51.2		6.479		2250				.3		.2								90																		

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 SEP
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
88/ 87													.1																				4	4				
86/ 85													.1													.1								7	7			
84/ 83													.1													.1								6	6			
82/ 81													.1													.1								13	13			
80/ 79											.1		.1													.1								16	16			
78/ 77						.1		.1		.1		.1													.1		.1							32	32			
76/ 75					.1	.4		.4		.4		.4													.4		.4							46	46			
74/ 73			.1		.4	.6		.6		.6		.6													.6		.6							61	61			
72/ 71		.1	.1		.5	.7		.7		.7		.7													.7		.7							96	96		1	
70/ 69		.1	.1		1.0	1.5		1.5		1.5		1.5													1.5		1.5							119	119	19	3	
68/ 67		.1	1.1		1.7	1.9		1.9		1.9		1.9													1.9		1.9							159	159	51	5	
66/ 65		.2	2.3		2.9	2.0		2.0		2.0		2.0													2.0		2.0							224	224	72	19	
64/ 63	.1	.8	2.7		2.3	2.1		2.1		2.1		2.1													2.1		2.1							210	210	121	43	
62/ 61	.1	1.9	3.4		2.9	1.8		1.8		1.8		1.8													1.8		1.8							246	246	215	79	
60/ 59	.1	2.1	3.5		3.7	1.7		1.7		1.7		1.7													1.7		1.7							259	259	316	162	
58/ 57	.1	1.9	3.3		3.1	1.6		1.6		1.6		1.6													1.6		1.6							225	225	283	216	
54/ 55	.2	1.1	2.9		2.9	1.0		1.0		1.0		1.0													1.0		1.0							188	188	276	287	
54/ 53	.1	.9	2.9		1.9	.4		.4		.4		.4													.4		.4							137	137	262	235	
52/ 51	.2	1.5	1.7		.8	.1		.1		.1		.1													.1		.1							94	94	223	231	
50/ 49	.1	.6	.9		.4	.0		.0		.0		.0													.0		.0							44	44	204	249	
48/ 47		.4	.5		.0	.0		.0		.0		.0													.0		.0							22	22	101	221	
46/ 45		.2	.2		.0	.0		.0		.0		.0													.0		.0							9	9	53	176	
44/ 43		.0	.1		.0	.0		.0		.0		.0													.0		.0							3	3	17	137	
42/ 41					.0	.0		.0		.0		.0													.0		.0								5	5	78	
40/ 39					.0	.0		.0		.0		.0													.0		.0								1	1	42	
38/ 37					.0	.0		.0		.0		.0													.0		.0										20	
36/ 35					.0	.0		.0		.0		.0													.0		.0										7	
34/ 33					.0	.0		.0		.0		.0													.0		.0										8	
32/ 31					.0	.0		.0		.0		.0													.0		.0										2	
TOTAL		.9	12.0	26.3	25.4	15.9		8.8		4.6		3.0		1.7		.7		.5		.2		.0												2220	2220	2220		
Element (X)	Σx ²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.	11392355		156035		70.213.842		2220		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total																	
Dry Bulb	8682260		137930		62.1 7.217		2220						22.7		7.5		1.5				90																	
Wet Bulb	7066828		124666		56.2 5.458		2220						2.9								90																	
Dew Point	6028359		114859		51.7 4.216		2220						.1								90																	

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESEBACH AB GERMANY 46-69 SEP
STATION STAT ON NAME YEARS MONTH
PAGE 1 2100-2300
HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
78/77																																			1	1		
76/75																																			4	4		
74/73																																			18	18		
72/71																																			15	15		
70/69																																			42	42		
68/67																																			71	71	7	
66/65																																			121	121	35	6
64/63																																			178	178	68	32
62/61																																			231	231	109	45
60/59																																			234	234	208	128
58/57																																			259	259	286	202
56/55																																			329	329	302	233
54/53																																			200	200	274	262
52/51																																			201	201	256	258
50/49																																			140	140	251	261
48/47																																			3	63	178	222
46/45																																			34	34	101	176
44/43																																			14	14	56	130
42/41																																			8	8	18	105
40/39																																					10	51
38/37																																					27	
36/35																																					13	
34/33																																					5	
32/31																																					3	
TOTAL	3.0	39.2	36.3	15.7	5.9	4.0	1.6	.3																											2159	2159	2159	2159
Element (X)	Σx²	Σx	Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	13897684	171415	79.4	11.540	2159	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	7227963	124249	57.5	5.993	2159			6.3	1.0			90																										
Wet Bulb	6322571	116273	53.9	5.303	2159			.3				90																										
Dew Point	5673260	109914	50.9	5.992	2159			.1				90																										

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 207
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
NOV 65 U.S. 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	DB. WB	Dr. Bulb	Wet Bulb	Dew Point											
68/67					.0																											1	1		
66/65					.0																											2	2		
64/63					.0																											2	2		
62/61	.0	.4			.2																											26	26		
60/59	.1	.3	1.0		.5	.1	.1																								55	55	15	7	
58/57	.1	2.0	2.0		.4	.1	.0																								112	112	28	19	
56/55	.6	3.4	1.0		.5	.1	.1																								149	149	124	47	
54/53	.8	3.6	2.5		.9	.1	.1																								186	186	158	109	
52/51	1.2	4.7	2.0		.6	.3																									225	225	177	161	
50/49	1.7	6.0	3.0		.4	.2	.1																								291	291	239	209	
48/47	1.6	7.2	3.0		.8	.0																									298	298	285	234	
46/45	1.2	6.6	2.0		.9																										254	254	293	243	
44/43	1.0	5.4	1.0		.8																										204	204	243	267	
42/41	1.3	4.1	1.0		.8																										175	170	198	224	
40/39	1.0	4.3	.0		.2																										147	147	185	206	
38/37	.2	2.4	.0		.1																										72	72	140	161	
36/35	.3	1.2	.0																												47	47	75	164	
34/33	.3	1.0	.0																												39	39	44	111	
32/31	.5	.6	.0																												27	27	43	61	
30/29	.1	.1	.0																												5	5	23	37	
28/27		.2																													4	4	1	21	
26/25																																	3	13	
24/23																																		17	
22/21																																	5		
TOTAL	12.1	53.7	26.2		6.6	.9	.4	.0																								2316	2316	2316	2316

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16993629	197001	85.1	10.108	2316	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5330176	110082	47.5	6.501	2316		1.4	.0				93
Wet Bulb	4858738	105082	45.4	6.267	2316		2.6					93
Dew Point	4412806	99804	43.1	6.953	2316		6.2					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

35015 RIESHADEN AB GERMANY
 STATION STATION NAME

46-70
 YEARS

007
 MONTH

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	DB. W.B	Dry Bulb	Wet Bulb	Dew Point				
66/ 65		.0	.1															2	2						
64/ 63																		1	1	1					
62/ 61		.1	.1	.1														5	8	1	1				
60/ 59		.4	.4	.4														38	38	7	1				
58/ 57	.2	1.9	1.5	.2	.0													91	91	19	17				
56/ 55	.3	3.0	1.9	.2	.1													133	133	100	41				
54/ 53	.8	3.5	1.9	.3														148	148	140	109				
52/ 51	1.2	4.3	2.1	.4														192	194	157	123				
50/ 49	2.7	5.7	2.1	.3	.3													254	255	221	226				
48/ 47	2.2	5.5	2.0	.3	.1	.0												257	257	262	199				
46/ 45	2.4	7.6	2.0	.3	.1													291	291	255	217				
44/ 43	1.8	5.5	1.6	.3	.1													203	205	279	239				
42/ 41	2.2	4.8	2.0	.2														216	216	227	274				
40/ 39	1.7	4.8	1.7															179	179	195	222				
38/ 37	1.0	3.3	.1	.2														123	125	194	156				
36/ 35	.5	2.5	.1															82	82	103	179				
34/ 33	.3	1.3	.4															42	42	74	107				
32/ 31	.4	.5	.4															27	29	40	93				
30/ 29	.3	.4	.0															17	17	26	46				
28/ 27	.0																	1	1	10	23				
26/ 25	.0	.1																3	3	2	15				
24/ 23		.1																2	2	3	13				
22/ 21																					3				
20/ 19																					6				
18/ 17																					2				
TOTAL	17.955	822.4	3.1	.6	.2													2316	2319	2316	2316				
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	17827844	202022	67.2	9.425	2316	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total													
Dry Bulb	5049934	107114	46.2	6.645	2316		2.1					93													
Wet Bulb	4663691	102847	44.4	6.455	2316		3.3					93													
Dew Point	4288039	98288	42.5	7.058	2316		8.2					93													

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35010 WIESLADEN AFB GERMANY 46-70 CCT
 STATION NAME MONTH YEARS
 PAGE 1 0600-0800 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													
64/63			.1															2	2																
62/61		.1		.1														9	8																
60/59		.3	.3		.2													31	31		4														
58/57	.3	2.0	2.1	.2	.3													109	109		28	16													
56/55	.8	2.2	1.4	.0														112	112		110	49													
54/53	1.1	3.2	1.4	.4	.1													145	146		135	104													
52/51	.9	3.7	2.3	.6	.0													184	186		137	127													
50/49	2.0	5.7	1.8	.6	.2													257	257		210	207													
48/47	2.2	4.9	2.3	.3	.0													241	241		248	207													
46/45	2.9	7.9	2.3	.5	.1													318	318		244	232													
44/43	1.6	5.3	1.1	.3	.0													193	193		307	199													
42/41	2.1	4.7	1.2	.2														169	189		225	263													
40/39	2.2	4.4	1.2	.2														199	199		203	253													
38/37	1.1	3.6	.8	.0														122	123		164	158													
36/35	1.2	2.3	.8	.0														95	95		134	165													
34/33	1.0	1.3	.7	.1														59	59		85	135													
32/31	.3	.6	.5															25	26		44	101													
30/29	.3	.4	.5															20	20		17	44													
28/27	.2	.1																7	7		22	18													
26/25	.0	.0																2	2		1	19													
24/23	.0	.0																2	2		3	10													
22/21																						5													
20/19																						6													
18/17																						2													
16/15																						1													
TOTAL	21.2	53.2	21.2	3.9	.5																2321	2321													
Element (X)		ΣX²	ΣX	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.		18048219	203459	87.7	9.581	2321	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																							
Dry Bulb		5006222	106728	45.9	6.783	2325		2.3					93																						
Wet Bulb		4631193	102557	44.2	6.350	2321		3.5					93																						
Dew Point		4271651	98203	42.3	7.090	2321		8.3					93																						

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 RIESHADEN AB GERMANY 46-70 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. - 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													
72/ 71					.0			.0												1	1														
70/ 69					.0		.1	.0												4	4														
68/ 67					.0	.1	.2	.0												9	9														
66/ 65					.0	.1	.0	.0												13	13														
64/ 63				.1	.1	.1	.1	.0												29	29	2													
62/ 61		.1	.1	.1	.1	.1	.1	.1	.1											55	55	3													
60/ 59		.1	.2	.2	.2	.2	.2	.2	.2	.0										129	129	25	4												
58/ 57	.2	2.1	3.2	1.0	.4	.3	.1													169	169	79	19												
56/ 55	.4	2.0	2.5	2.0	.8	.2														188	188	172	80												
54/ 53	.4	3.2	3.0	1.8	.5	.3														217	219	170	133												
52/ 51	.5	4.5	3.8	1.6	.8	.1														253	254	188	166												
50/ 49	1.0	4.5	4.3	1.6	.8	.0														312	312	307	240												
48/ 47	1.0	3.6	3.7	1.8	.8	.1														243	243	301	238												
46/ 45	.7	4.8	2.8	1.0	.2															220	220	260	241												
44/ 43	.8	3.4	1.0	.6	.0															149	149	280	226												
42/ 41	1.0	3.1	1.5	.2	.1															137	137	187	269												
40/ 39	.9	2.3	.5	.2																92	92	158	211												
38/ 37	.8	1.0	.5	.2																41	41	87	155												
36/ 35	.4	.3	.6	.0																28	26	40	123												
34/ 33	.2	.7	.1																	22	22	24	88												
32/ 31	.0	.0	.0																	7	7	31	63												
30/ 29	.0	.0	.0																	3	3	6	23												
28/ 27	.0	.0	.0																	1	1	2	14												
26/ 25	.0	.0	.0																				15												
24/ 23	.0	.0	.0																				8												
22/ 21	.0	.0	.0																				5												
18/ 17	.0	.0	.0																				1												
TOTAL		9.236	631.1	15.7	5.2	1.7	.3	.1	.0											2322	2325	2322													
Element (X)	Zx²	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	15443985	187047	80.6	12.737	2322	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	5900825	116089	49.9	6.208	2322		.4	.6				93																							
Wet Bulb	5187696	108854	46.9	6.040	2322		1.6					93																							
Dew Point	4268622	101778	43.8	6.810	2322		5.2					93																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR HEATER SERVICE/4AC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 OCT
 STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79											.0	.0						2	2																
76/ 75																		3	3																
74/ 73								.2	.2									9	9																
72/ 71						.0	.2	.2			.1							15	15																
70/ 69						.2	.2	.3	.1	.1								34	34																
68/ 67				.3	.4	.4	.4	.1	.0	.1								50	50																
66/ 65			.1	.6	1.0	.5	.3	.1	.1									67	67																
64/ 63			.4	1.0	1.5	.5	.4	.1	.1									123	123	11															
62/ 61		.4	1.0	3.0	2.1	.6	.3	.2	.0									185	185	32	2														
60/ 59	.0	.9	2.0	3.1	1.9	.9	.7	.0										227	227	70	8														
58/ 57	.1	1.2	1.9	2.8	2.1	.9	.6	.1										228	228	192	38														
56/ 55	.1	1.7	2.1	2.8	1.7	.9	.3	.0										236	237	232	105														
54/ 53	.2	2.2	3.3	2.9	1.6	.9	.1											271	272	222	169														
52/ 51	.2	2.0	2.5	2.3	1.7	.9	.1											223	223	284	293														
50/ 49	.2	2.6	2.5	2.2	.7	.0												190	190	274	219														
48/ 47	.2	1.9	2.5	1.9	.4													141	141	282	239														
46/ 45	.3	1.9	1.7	.9	.2	.1												117	117	253	244														
44/ 43	.3	2.0	1.0	.3	.1	.1												87	88	194	221														
42/ 41	.3	.6	.9	.4	.2													52	52	126	209														
40/ 39	.2	.7	.9	.1	.2													33	33	64	171														
38/ 37		.5	.2	.1														19	19	32	138														
36/ 35		.3	.1															9	9	33	141														
34/ 33		.0																1	1	19	85														
32/ 31																				2	35														
30/ 29																					23														
28/ 27																					10														
26/ 25																					11														
24/ 23																					8														
22/ 21																					6														
20/ 19																					2														
18/ 17																					5														
TOTAL		2,818.5	524.0	24.8	16.4	8.2	3.7	1.2	.4	.2	.0								2322	2322	2322														

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	12118735	146139	70.7	14.910	2322							
Dry Bulb	7064788	127072	54.7	7.177	2322			4.5	.6			93
Wet Bulb	5776057	114987	49.5	5.937	2322			.1				93
Dew Point	4756692	103774	44.7	7.156	2322			4.0				93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

46-70
 YEARS

061
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
78/ 77								.1	.1																								5	5				
76/ 75								.1	.1																									5	5			
74/ 73						.0	.2	.3	.1																									16	16			
72/ 71						.1	.2	.2	.1																									23	23			
70/ 69				.0	.4	.5	.4	.3	.1	.1																								48	46			
68/ 67				.0	.7	1.0	.7	.5	.2	.1																								56	56			
66/ 65				.1	1.1	1.1	.7	.5	.2	.1																								92	92		1	
64/ 63		.0	.7	2.4	1.9	1.1	.4	.2	.1	.0																								167	167		18	
62/ 61		.1	1.2	2.0	2.3	1.9	.6	.2	.1																									166	166		4	
60/ 59		1.0	1.7	2.9	1.9	1.2	.5	.2																										219	219		92	
58/ 57		1.5	1.8	3.2	2.2	1.0	.6																											239	239		186	
56/ 55	.1	1.6	3.1	3.1	2.4	1.0	.1	.0																										264	264		235	
54/ 53	.2	2.1	3.1	2.9	1.7	.6	.1	.0																										255	255		230	
52/ 51	.2	2.1	2.9	2.7	1.2	.3																												211	211		307	
50/ 49	.1	1.3	2.2	2.3	.9	.1																												159	159		288	
48/ 47	.3	1.4	2.2	2.3	.9	.4																												116	116		275	
46/ 45	.0	2.0	1.7	1.0	.2	.1																												116	116		219	
44/ 43	.2	1.6	.7	.4	.2	.0																												78	78		185	
42/ 41	.0	.8	.6	.3	.3																													50	50		99	
40/ 39		.4	.2	.2	.1																													21	21		61	
38/ 37		.5	.1	.0																														14	14		38	
36/ 35		.1	.1	.0																														4	4		28	
34/ 33																																				15		
32/ 31																																			1			
30/ 29																																						
28/ 27																																						
26/ 25																																						
24/ 23																																						
22/ 21																																						
18/ 17																																						
16/ 15																																						
14/ 13																																						
TOTAL	1.2	16.6	22.2	25.2	18.1	9.2	4.3	1.7	.7	.5	.2																								2324	2324		2324
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total																								
Rel. Hum.	11518001	159869		62.8	14.969	2324		$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb	7301529	129151		55.6	7.313	2324				6.1	1.0			93																								
Wet Bulb	5890615	116177		50.0	5.974	2324				.0				93																								
Dew Point	4788057	104107		44.8	7.318	2324				4.8				93																								

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

2000
MONTH

PAGE 1 1800-2000
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25	26-27	28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
74/ 73																																	1	1				
72/ 71																																		3	3			
70/ 69																																		3	3			
68/ 67																																		9	9			
66/ 65																																		25	25	1		
64/ 63																																		54	54	3		
62/ 61																																		95	95	13	3	
60/ 59																																		161	161	43	10	
58/ 57																																		165	165	118	37	
56/ 55																																		227	227	179	96	
54/ 53																																		278	278	188	157	
52/ 51																																		271	271	258	197	
50/ 49																																		271	271	299	207	
48/ 47																																		228	228	280	284	
46/ 45																																		189	189	270	222	
44/ 43																																		131	131	261	249	
42/ 41																																		84	84	142	218	
40/ 39																																		57	57	104	217	
38/ 37																																		44	44	79	111	
36/ 35																																		18	18	62	131	
34/ 33																																		5	5	20	72	
32/ 31																																		5	5	15	45	
30/ 29																																		1	1	5	22	
28/ 27																																					3	6
26/ 25																																					13	
24/ 23																																					10	
22/ 21																																					11	
16/ 15																																					1	
TOTAL	4.4	32.2	35.8	18.7	5.3	1.7	.6	.3	.0																									2323	2323	2323	2323	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	14580588	181986	78.2	11.811	2323	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																										
Dry Bulb	6230932	119330	51.4	6.597	2323			.2	.6	.0		93																										
Wet Bulb	5418434	111304	47.9	6.062	2323			.9				93																										
Dew Point	4724396	103488	44.5	7.014	2323			.4	.4			93																										

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

USAR STA
AIR STATION NAME

PSYCHROMETRIC SUMMARY

225

2007

2100-2300

WET BULB TEMPERATURE DEPRESSION							TOTAL		TOTAL		
DB	WB	WBP	WBD	WBD	WBD	WBD	HR	HR	HR	HR	
65	67										
66	68										
64	66										
62	61										
60	59										
58	57										
56	55										
54	53										
52	51										
50	49										
48	47										
46	45										
44	43										
42	41										
40	39										
38	37										
36	35										
34	33										
32	31										
30	29										
28	27										
26	25										
24	23										
22	21										
18	17										
TOTAL		5,247	331.2	10.5	2.0	.7	.1	.0	2317	2317	2316

USAFETAC FORM 0-26-5 (DL A) 12/54

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						< 0 F	0-32 F	33-67 F	68-72 F	> 73 F		
Dry Bulb	16117599	121597	82.7	5.766	2316			6	0			93
Wet Bulb	5039035	107119	46.3	6.138	2317			1	9			93
Dew Point	4810281	100929	43.6	6.930	2316			5	7			93

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

33010 WIESBADEN AB GERMANY 46-70 NOV 0000-0200
STATION STATION NAME YEARS MONTH HOURS - L, S, T

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	O.S. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61				.1														3	3																
60/ 59				.1														3	3																
58/ 57																		3	3																
56/ 55			.4		.3													41	41	7															
54/ 53	.0	.5		.1														29	29	20	4														
52/ 51	.3	.6		.3														47	47	37	27														
50/ 49	.2	1.7	1.2	.1														72	72	40	35														
48/ 47	.8	3.1	2.5	.1														154	154	95	53														
46/ 45	1.3	5.8	2.0	.1														207	210	158	104														
44/ 43	1.7	6.7	1.8	.0														229	231	244	154														
42/ 41	1.5	9.0	1.4	.1														270	272	251	224														
40/ 39	1.7	8.3	1.0	.1														267	268	285	265														
38/ 37	1.0	5.9	1.4	.2														204	205	236	236														
36/ 35	2.4	6.2	.9	.0														213	213	230	259														
34/ 33	2.3	6.7	.1	.1														208	208	209	224														
32/ 31	1.5	3.8	1.1															142	142	191	184														
30/ 29	.6	2.1	.1															74	74	109	152														
28/ 27	.3	1.3																36	36	66	103														
26/ 25	.4	.8																26	26	36	68														
24/ 23		.1																2	2	15	55														
22/ 21	.1	.2																7	7	5	32														
18/ 17																				2	18														
16/ 15																					2														
TOTAL	16.7	63.3	17.7	2.0	.5													2237	2246	2237	2237														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	16964124	193810	36.0	8.789	2237	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	3694001	89897	40.0	6.533	2246		11.5					90																							
Wet Bulb	3384160	89882	39.4	6.238	2237		17.1					90																							
Dew Point	3039896	81062	36.2	6.769	2237		25.2					90																							

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

DATA PROCESSING DIVISION
 USAF ETAC
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-72 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
60/ 59			.1																																2	2					
58/ 57			.1	.1	.0																														3	3					
56/ 55			.2	.4	.1	.1																													18	18	5				
54/ 53			.6	.9	.1	.2																													40	40	12	5			
52/ 51	.3	.4	.8	.2																																35	36	32	17		
50/ 49	.1	1.1	1.1	.1	.0																															62	62	32	29		
48/ 47	.9	2.8	2.1	.2	.0																																134	136	69	42	
46/ 45	1.6	5.9	1.9	.1																																	213	214	153	111	
44/ 43	2.0	6.8	1.4	.1																																	236	242	248	174	
42/ 41	1.9	6.4	1.7	.0																																219	220	222	226		
40/ 39	2.7	8.3	1.4	.0	.0																																277	280	266	222	
38/ 37	2.3	5.9	1.0	.2																																	227	227	241	239	
36/ 35	2.3	5.8	1.0	.1																																	204	205	218	248	
34/ 33	2.6	5.8	.6																																		199	200	221	240	
32/ 31	2.0	4.3	.8																																		157	157	206	179	
30/ 29	1.1	2.6	.4	.1																																	92	92	114	169	
28/ 27	.4	1.8	.0																																		50	50	87	103	
26/ 25	.4	.9																																			29	29	36	87	
24/ 23	.2	.4																																			14	14	26	57	
22/ 21	.2	.1																																			6	6	8	44	
20/ 19		.2																																			4	4	5	16	
18/ 17																																							1	10	
16/ 15																																								3	
14/ 13																																								3	
12/ 11																																								1	
10/ 9																																								1	
TOTAL	20.9	60.8	16.4	1.5	.4																																	2226	2226	2226	
Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																													
Rel. Hum.	17129721	194237	87.3	9.017	2226	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Dry Bulb	3581079	88365	39.4	6.623	2242		14.1					90																													
Wet Bulb	3280860	84284	37.9	6.345	2226		19.6					90																													
Dew Point	2960107	79713	35.8	6.888	2226		27.2					90																													

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESEBADEN AB GERMANY
STATION NUMBER STATION NAME

65-70
YEARS

NDV
MONTH

PAGE 1 6600-0800
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew-Point														
60/ 59			.1	.0														3	3																
58/ 57			.2	.0														5	5																
56/ 55			.1	.1														8	8	2	1														
54/ 53		.1	.4	.8	.3													39	39	11	3														
52/ 51	.1	1.0	.8	.4														50	51	18	7														
50/ 49	.0	1.5	1.0	.1														39	61	46	28														
48/ 47	.1	3.3	1.5	.1														121	123	80	46														
46/ 45	1.9	5.8	2.0	.1														219	219	171	114														
44/ 43	1.7	5.8	1.5	.1														203	208	218	180														
42/ 41	2.1	7.1	1.2	.1														232	235	216	172														
40/ 39	2.4	7.9	1.7	.0														269	272	270	256														
38/ 37	2.2	6.4	1.4	.1														225	225	244	231														
36/ 35	3.1	5.8	1.0	.1														222	225	248	265														
34/ 33	2.1	6.4	.4	.1														209	212	216	224														
32/ 31	1.8	4.0	.9															152	152	186	215														
30/ 29	1.3	2.2	.5															90	90	136	154														
28/ 27	.9	1.8	.1	.1														66	66	81	106														
26/ 25	.5	.7																26	26	42	84														
24/ 23	.2	.4	.0															14	14	21	56														
22/ 21	.1	.0																4	4	11	29														
20/ 19	.1	.1																5	5	6	22														
18/ 17		.0																1	1	1	17														
16/ 15	.1																	2	2	2	4														
14/ 13																					2														
12/ 11																					3														
8/ 7																					2														
6/ 5																					1														
TOTAL	21,460	815.8	1.7	.3															2224	2245	2224														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	17167918	194356	87.4	9.675	2224	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 9° F	Total																							
Dry Bulb	3550300	88050	35.2	6.623	2224		14.4					60																							
Wet Bulb	3247076	88804	37.7	6.334	2224		19.7					90																							
Dew Point	2931968	79281	35.6	6.897	2224		28.1					90																							

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

DATA PROCESSING DIVISION
 USAF ETAC
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

45-70

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STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																															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			.0	.0	.0																														3	3			
60/ 59			.0	.0	.0																														2	2			
58/ 57		.0	.0	.0	.0																														10	10	1		
56/ 55		.0	.0	.0	.0	.0																													19	19	3	1	
54/ 53		.0	.0	.0	.0	.0	.0																												35	35	15	4	
52/ 51		.0	.0	.0	.0	.0	.0	.0																											78	78	27	14	
50/ 49	.0	2.0	2.0	.0	.0	.0																													111	131	69	32	
48/ 47	.0	3.0	3.0	.0	.0	.0																													193	193	132	79	
46/ 45	1.0	5.0	2.0	.0	.0	.0																													228	229	192	123	
44/ 43	1.0	6.0	2.0	.0	.0	.0																													241	243	237	188	
42/ 41	1.0	7.0	2.0	.0	.0	.0																													250	253	258	212	
40/ 39	1.0	7.0	2.0	.0	.0	.0																													259	260	304	268	
38/ 37	1.0	5.0	1.0	.0	.0	.0																													210	210	214	266	
36/ 35	2.0	4.0	1.0	.0	.0	.0																													178	181	216	235	
34/ 33	1.0	4.0	1.0	.0	.0	.0																													166	169	176	200	
32/ 31	1.0	3.0	1.0	.0	.0	.0																													133	133	184	198	
30/ 29	.0	2.0	.4	.0	.0	.0																													74	74	106	137	
28/ 27	.0	.0	.0	.0	.0	.0																													22	22	60	88	
26/ 25	.0	.0	.0	.0	.0	.0																													9	9	21	76	
24/ 23	.0	.0	.0	.0	.0	.0																													8	8	10	59	
22/ 21	.0	.0	.0	.0	.0	.0																													2	2	6	26	
20/ 19	.0	.0	.0	.0	.0	.0																													1	1		10	
18/ 17																																						1	13
16/ 15																																							3
14/ 13																																							4
12/ 11																																							2
TOTAL	14.2	56.8	24.9	3.6	.4																															2232	2245	2232	2232
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.	16297742	189488	84.9	9.724	2232	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb	3839130	91688	40.8	6.389	2245		10.0					90																											
Wet Bulb	3470250	86928	38.9	6.162	2232		15.6					90																											
Dew Point	3080268	81518	36.5	6.795	2232		24.6					90																											

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

46-70
 YEARS

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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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/67					.0													1		1															
66/65					.0													2		2															
64/63					.1													2		2															
62/61					.0	.1												5		5															
60/59					.2	.0	.2											10	10	3															
58/57					.3	.5												28	28	2															
56/55	.0	.4	.7		.9	.5												58	58	10	1														
54/53	.1	1.1	2.1	1.2	.2	.5												103	103	27	13														
52/51	.1	.7	3.1	1.5	.3	.3												127	127	58	16														
50/49	.1	2.6	5.5	2.0	.3	.0												233	233	125	53														
48/47	.3	3.5	4.5	1.3	.2	.1												225	225	182	73														
46/45	.3	5.0	5.1	1.0	.0	.1												260	264	270	152														
44/43	.2	5.3	3.6	.7	.1													227	229	258	224														
42/41	.8	5.3	2.5	1.3														218	219	284	250														
40/39	1.0	3.7	4.2	.5														210	212	245	306														
38/37	.4	4.2	2.3	.5														164	165	192	232														
36/35	1.3	3.0	1.8	.3														144	145	213	210														
34/33	1.0	2.4	1.1	.1														105	105	140	182														
32/31	.4	2.1	.0	.2														76	76	109	182														
30/29	.3	.8	.1															21	21	75	112														
28/27	.2	.2	.0															11	11	30	82														
26/25	.0	.1																4	4	10	67														
24/23																					1	39													
22/21																						16													
20/19																						12													
18/17																						6													
16/15																						5													
14/13																						1													
TOTAL	6.8	40.7	37.3	12.3	2.4	.5												2234	2245	2234	2294														

Element (X)	Σx^2	Σx	\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.	14333953	177237	79.3	11.049	2234							90
Dry Bulb	4383026	99060	43.7	6.670	2245		6.5	.0				90
Wet Bulb	3615256	91318	40.9	6.078	2294		9.1					90
Dew Point	3237381	88711	37.9	6.712	2294		21.0					90

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESEBADEN AB GERMANY
STATION STATION NAME

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YEARS

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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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
66/65				.0																															1	1				
64/63				.0																																1	1			
62/61				.0		.1				.0																									5	5				
60/59				.1		.3				.1																									15	15		2		
58/57			.1		.1					.0																									27	27		2		
56/55			.0		.5					.5																									63	63		11		
54/53		.0	.5	2.0		.7				.5																									83	83		29		
52/51		.0	.5	2.5		1.7				.2																									120	120		43		
50/49		.1	2.5	5.0		2.0				.2																									221	221		116		
48/47		.3	4.3	4.8		1.2				.1																									233	240		172		
46/45		.3	5.1	5.6		1.2				.2																									277	280		290		
44/43		.3	5.3	4.8		.8				.0																									243	243		293		
42/41		.7	5.1	2.0		.8				.0																									211	211		260		
40/39		.9	3.9	3.4		.5				.0																									196	197		255		
38/37		.8	4.7	2.5		.4				.0																									188	189		195		
36/35	1.1	3.7	1.6		.2					.0																									149	148		221		
34/33	1.0	2.1	1.1		.2					.0																									101	101		137		
32/31	.3	2.1	.4		.0					.0																									63	63		101		
30/29		.8	.2		.0					.0																									23	23		72		
28/27	.0	.3	.1		.0					.0																									10	10		26		
26/25		.0			.0					.0																									1	1		6		
24/23					.0					.0																												2		
22/21					.0					.0																														
20/19					.0					.0																														
18/17					.0					.0																														
16/15					.0					.0																														
TOTAL		6.34	1.73	7.71	1.3	2.7	.4																													2235	2242		2235	
Element (X)		Σx^2		Σx		\bar{x}		s_x		No. Obs.																														
Rel. Hum.		14386033		177681		79.5		10.798		2235																														
Dry Bulb		6372918		97918		43.7		6.559		2242																														90
Wet Bulb		3814276		91366		40.9		5.956		2235																													90	
Dew Point		3261762		83837		37.5		6.536		2235																													90	

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

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MONTH

PAGE 1 1800-2000
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	DB. W.B. Dry Bulb	Wet Bulb Dew Point																
64/63				.1																											2	2				
62/61				.0																											1	1				
60/59						.1																									5	5				
58/57			.1			.1																									19	19	3			
56/55			.7			.6																									40	40	8			
54/53			.5			.5																									38	38	26	14		
52/51	.1		.9			1.2																									58	58	34	21		
50/49	.1	2.1	3.0			.5																									135	136	67	34		
48/47	.3	5.1	4.3			.5																									235	236	106	61		
46/45	.3	6.2	3.4			.6																									237	241	226	103		
44/43	1.2	7.1	3.4			.2																									268	269	294	190		
42/41	1.1	7.8	2.4			.2																									249	249	261	291		
40/39	1.2	6.2	2.2			.2																									220	220	301	239		
38/37	1.1	5.4	1.2			.0																									201	201	215	292		
36/35	1.1	5.3	1.1			.0																									193	194	201	255		
34/33	1.4	4.7	1.3			.2																									171	171	182	212		
32/31	.6	2.3	.7			.1																									80	80	131	142		
30/29	.3	1.9	.1			.1																									56	56	77	118		
28/27	.2	.6																													18	18	31	99		
26/25	.0	.4																													10	10	15	69		
24/23	.0																														1	1	10	92		
22/21																																	1	1	23	
20/19		.0																														1	1	1	12	
18/17																																			4	
16/15	.1																															2	2	2	3	
14/13																																			2	
10/9																																			1	
8/7																																			1	
6/5																																			1	
TOTAL	10.3	57.0	27.5	4.2	.8	.2																													2240	
																																			2240	
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	15868096	187328	83.6	9.499	2240	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3992351	93621	41.6	6.687	2240		6.7					90																								
Wet Bulb	3584920	88570	39.5	6.088	2240		12.4					90																								
Dew Point	3148796	82650	36.9	6.657	2240		21.2					90																								

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

25010 WIESBADEN AB GERMANY
STATION STATION NAME

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/61				.1														2	2																
60/59				.0														4	4																
58/57		.1	.3		.0	.1	.0											13	13																
56/55	.0	.4	.7	.2														30	30	10															
54/53		.5	.6	.4														36	36	19	7														
52/51	.2	.6	1.0	.5	.0													52	53	32	23														
50/49	.1	1.3	1.0	.2														76	76	43	35														
48/47	.3	3.8	2.9	.2														172	172	98	46														
46/45	.6	6.3	3.3	.1														236	239	165	112														
44/43	1.0	6.3	2.4	.1	.0													235	236	263	170														
42/41	1.0	8.9	2.0	.2	.0													309	307	271	235														
40/39	1.2	6.9	1.6	.3	.0													223	229	201	270														
38/37	1.0	5.9	1.3	.1														201	201	257	248														
36/35	2.3	6.3	1.2	.1	.0													226	226	211	296														
34/33	1.1	5.3	1.1	.0														169	169	195	201														
32/31	1.6	3.7	.7	.0														135	135	165	167														
30/29	.4	2.0	.3	.0														60	60	107	165														
28/27	.1	1.2	.0	.1														33	33	52	105														
26/25	.1	.8																21	21	27	76														
24/23	.0	.6																5	5	19	39														
22/21	.0																	1	1	2	33														
20/19																					18														
18/17																					5														
16/15																					1														
14/13																					1														
12/11																					2														
10/9																																			
8/7																																			
TOTAL	13.9	60.8	22.1	2.7	.2	.2	.0											2237	2244	2237	2237														
Element (X)	Zx'	Zx	X̄	σx	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	16823598	191176	85.5	9.109	2237	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	378826	90936	40.5	6.464	2244		10.2					90																							
Wet Bulb	3435647	86592	38.7	6.117	2237		15.6					90																							
Dew Point	3058998	81366	36.4	6.670	2237		22.9					90																							

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

4070

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
58/57			.0																															1	1			
56/55			.0																															1	1			
54/53				.2	.1																													6	6	1	1	
52/51		.0	.2	.3	.0																													12	12	1	2	
50/49		.1	1.1	.4																														37	37	16	3	
48/47		.3	1.8	.1																														75	75	42	26	
46/45		.3	2.0	.9	.0																													76	76	70	33	
44/43		.7	2.3	1.2	.0																													126	126	99	78	
42/41	1.4	3.4	.6	.0																														126	126	136	118	
40/39	.7	4.9	1.6	.1																														170	170	129	117	
38/37	1.9	7.6	1.5	.0																														254	254	205	145	
36/35	2.5	8.1	1.5																															295	295	282	221	
34/33	2.5	7.3	1.1																															258	238	258	207	
32/31	2.6	8.8	.7																															212	212	261	221	
30/29	2.4	4.1	.9																															180	180	192	249	
28/27	1.0	4.1	.9	.0																														139	136	149	199	
26/25	.7	2.5	.3																															92	92	127	139	
24/23	.3	2.1	.3																															56	56	81	104	
22/21	.6	2.1	.2																															73	73	67	97	
20/19	.3	1.1	.1																															39	41	61	66	
18/17	.3	1.1	.0																															20	20	29	74	
16/15	.6	1.1	.1																															49	49	43	91	
14/13	.0	.6	.1																															11	11	24	43	
12/11	.1	.3	.1																															10	10	9	26	
10/9																																				5	4	30
8/7		.1																																3	3	1	23	
6/5																																					2	11
4/3																																						5
2/1																																						1
0/0																																						2
TOTAL	19,766	912.9	.4																																2318	2322	2348	2318

Element (X)	Σx^2	Σx	\bar{x}	σ_x	Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	17223915	198661	85.7	9.261	2318	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2844063	79177	34.1	7.896	2322		35.4					93
Wet Bulb	2620288	75880	32.7	7.670	2318		42.1					93
Dew Point	2299746	70008	30.2	6.798	2318		52.4					93

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY

46-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point									
56/55			.0																						3	3									
54/53																									2	2	3								
52/51																									14	14		2							
50/49																									37	37	17	4							
48/47																									56	56	31	18							
46/45																									87	87	68	39							
44/43																									112	112	86	61							
42/41																									120	120	135	107							
40/39																									147	147	129	118							
38/37																									233	233	179	149							
36/35																									305	305	256	205							
34/33																									280	280	320	255							
32/31																									198	198	249	258							
30/29																									198	198	215	264							
28/27																									113	113	148	193							
26/25																									124	124	185	147							
24/23																									71	71	97	104							
22/21																									65	65	75	100							
20/19																									47	47	49	76							
18/17																									30	32	42	87							
16/15																									43	44	42	44							
14/13																									16	16	28	29							
12/11																									8	8	19	45							
10/9																									5	5	6	18							
8/7																									2	2	3	26							
6/5																												17							
4/3																												7							
2/1																												3							
TOTAL	22,564,412.0																								2916	2922	2316	2316							

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	17348347	199281	46.0	9.321	2316	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2770766	78038	33.6	7.994	2322		37.1					93
Wet Bulb	2557462	74864	32.3	7.707	2316		43.8					93
Dew Point	2240197	69093	29.8	8.792	2316		56.5					93

USAFETAC FORM 0-26.5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

66-70
YEARS

DEC
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														
56/55			.0	.1														4	4	1	1														
54/53																		4	4	1	1														
52/51	.0																	14	14	5	2														
50/49																		34	34	14	7														
48/47	.0																	51	51	33	14														
46/45		1.4																82	82	54	29														
44/43			3.4															122	122	88	44														
42/41				1.0														115	115	127	105														
40/39	1.0	4.4																190	190	146	115														
38/37		1.4	6.4															201	201	165	137														
36/35		2.9	8.4															293	293	244	219														
34/33		3.4	8.0															295	295	309	271														
32/31		2.9	5.0															210	210	270	256														
30/29		3.4	5.1															200	200	229	240														
28/27	1.0	3.0																136	136	146	161														
26/25		1.4	3.4															120	120	139	157														
24/23			2.0															72	72	91	102														
22/21			1.0															46	46	65	69														
20/19			1.0															56	56	59	68														
18/17																		30	34	47	54														
16/15																		37	38	25	53														
14/13			1.0															28	30	29	41														
12/11																		8	6	23	52														
10/9																		6	6	7	13														
8/7																					21														
6/5																			2	1	18														
4/3																					6														
2/1																					2														
0/-1																					1														
TOTAL	23	365	011	.1	.5													2314	2323	2314	2314														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of hours with Temperature						
Rel. Hum.	17394347	199484	86.2	9.236	2314	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2746701	77689	33.6	8.051	2323		38.4					93
Wet Bulb	2397029	74517	32.2	7.706	2314		45.2					93
Dew Point	2224303	68823	29.7	6.751	2314	.0	34.8					93

USAETAC FORM JAN 64 0-26-5 (01-A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 YEARS DEC
 STATION STATION NAME MONTH
 PAGE 1 0900-1100
 HOURS T.U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
60/59		.0																																	1	1		
58/57		.0		.0																															2	2	1	
56/55		.0	.1																																4	4	2	3
54/53		.0	.1	.0																															4	4	2	
52/51		.6	.2	.1																															20	20	7	3
50/49	.1	.6	.6	.1																															37	37	15	7
48/47	.1	1.3	1.0	.2																															62	62	25	22
46/45	.2	3.0	1.3	.2																															103	103	65	31
44/43	.3	2.7	1.7	.1																															112	112	102	54
42/41	.7	3.2	1.4	.0																															126	126	121	114
40/39	1.3	6.1	2.0	.0																															217	217	173	126
38/37	1.3	6.3	1.6	.0																															212	212	207	156
36/35	2.5	8.2	1.8	.0																															266	266	250	223
34/33	2.7	6.9	1.8	.0																															258	258	202	268
32/31	3.0	6.4	.5	.0																															233	233	272	258
30/29	2.3	4.4	.6	.0																															170	170	225	212
28/27	.7	3.1	.0	.0																															110	110	120	161
26/25	1.8	3.0	.4	.0																															120	120	185	197
24/23	.6	2.4	.1	.0																															72	72	102	119
22/21	.6	1.7	.2	.0																															44	44	72	83
20/19	.2	.9	.2	.0																															31	34	30	68
18/17	.2	1.1	.0	.0																															31	32	29	67
16/15	.6	1.0	.0	.0																															37	39	45	52
14/13	.1	.6	.0	.0																															12	12	20	22
12/11	.2	.5	.0	.0																															10	10	16	35
10/9	.0	.1	.0	.0																															3	3	4	28
8/7																																						29
6/5																																					15	
4/3																																				5		
TOTAL	19.368	016.6	.9																																	2318		2318
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	16892762	196822	84.8	9.755	2318	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																										
Dry Bulb	2884754	79778	34.3	7.931	2318		38.8					93																										
Wet Bulb	2657525	76173	32.8	7.618	2318		42.9					93																										
Dew Point	2285212	69918	30.2	8.720	2318		52.6					93																										

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 DEC
 STAT ON STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30-31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/59			.1															3	3																
58/57			.1	.0	.1													4	4	2															
56/55			.1	.2	.1													9	9	1	2														
54/53			.3	.4	.0													16	16	5	3														
52/51			.5	.4	.3													26	26	15	3														
50/49		1.0	1.3	.6	.0													68	68	26	13														
48/47	.1	1.2	1.9	.4	.1													85	85	47	28														
46/45	.4	2.8	1.7	.0	.0													129	129	93	41														
44/43	.3	2.8	3.7	.3														162	162	121	82														
42/41	.8	4.4	3.6	.3														207	207	155	112														
40/39	1.1	5.1	3.1	.3														225	225	232	138														
38/37	.8	5.6	3.1	.4														229	229	225	185														
36/35	1.9	5.6	3.0	.3														250	250	258	252														
34/33	1.3	6.0	2.2	.0														227	228	242	236														
32/31	2.0	4.5	1.9	.0														199	199	250	240														
30/29	1.2	3.2	1.4	.1														138	138	174	195														
28/27	1.0	3.0	.9															115	115	137	144														
26/25	1.1	2.2	.4															88	88	140	165														
24/23	.2	.7	.4															30	30	59	100														
22/21	.2	1.1	.3															42	42	37	98														
20/19	.1	1.2	.0															34	34	34	59														
18/17	.3	.6	.0															23	23	16	61														
16/15	.2	.3																12	12	19	31														
14/13		.1																3	3	6	36														
12/11																					34														
10/9																					23														
8/7																					13														
6/5																					8														
4/3																					1														
0/-1																					1														
TOTAL	13.1	52.3	30.1	4.1	.2													2324	2325	2324	2324														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15722371	189673	81.511077		2324	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3221331	84667	36.47708		2324		27.4					93
Wet Bulb	2876162	79948	34.47361		2324		36.1					93
Dew Point	2418745	72291	31.16555		2324	.0	48.4					93

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

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 DEC
 STATION STATION NAME 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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point																
58/57			.1																														2	2			
56/55		.2	.4	.1	.0																												13	13	2		
54/53		.2	.4	.2																													17	17	8	3	
52/51		.3	.3	.2																													26	26	6	6	
50/49	.0	1.4	1.3	.5																													75	75	29	12	
48/47	.0	1.3	1.7	.2																													77	77	51	27	
46/45	.2	2.3	2.4	.4	.0																												128	128	92	48	
44/43	.3	2.3	2.8	.3																													137	137	110	87	
42/41	.6	5.3	2.3	.2	.0																												199	199	143	96	
40/39	1.0	3.7	3.0	.2																													229	229	255	192	
38/37	1.1	6.3	3.3	.3	.0																												260	260	216	174	
36/35	2.1	6.6	2.2	.2																													271	271	289	254	
34/33	1.3	5.6	2.6	.1																													225	225	244	263	
32/31	1.2	3.8	1.3	.1																													154	154	227	223	
30/29	1.5	3.9	1.4	.1																													159	159	175	197	
28/27	1.4	2.8	.7																														115	115	163	141	
26/25	.0	1.3	.7																														68	68	99	153	
26/23	.0	2.0	.6																														63	63	55	117	
22/21	.1	1.3	.2																														38	38	52	91	
20/19	.2	1.1	.1																														33	33	45	97	
18/17	.3	.7	.1																														26	26	38	90	
16/15		.3																															7	7	12	45	
14/13		.0																															1	1	10	32	
12/11																																					31
10/9		.0																																1	1	1	18
8/7																																				13	
6/5																																				7	
4/3																																				2	
2/1																																				1	
0/0																																				2	
TOTAL	12,755,528,5	3.2	.2																															2324	2324	2324	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	15871282	190376	81.910,903		2324	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb	3204402	84652	36.37,637		2324		26.6					93																									
Wet Bulb	2871200	79894	34.47,324		2324		32.1					93																									
Dew Point	2429282	72467	31.28,562		2324	.1	47.3					93																									

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

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PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

46-70
YEARS

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
58/ 57		.1	.0																							3	3								
56/ 55			.0	.0																						2	2	3							
54/ 53		.1	.1	.1																						17	17		3						
52/ 51		.2	.3	.2																						16	16	9							
50/ 49	.0	.8	.6	.3																						41	41	22	10						
48/ 47	.0	1.7	.8	.4	.0																					69	69	35	21						
46/ 45	.3	2.2	1.2	.1																						92	92	62	46						
44/ 43	.7	3.0	1.8	.1																						129	125	109	72						
42/ 41	.6	4.6	2.7	.0																						184	184	138	92						
40/ 39	.9	6.0	3.4	.0																						195	195	197	115						
38/ 37	1.5	7.7	2.8																							279	279	233	186						
36/ 35	2.2	7.6	1.7																							266	266	280	263						
34/ 33	1.9	7.1	1.7	.1																						250	250	285	260						
32/ 31	1.9	5.2	1.0	.0																						192	192	229	268						
30/ 29	1.7	4.7	1.4	.1																						185	185	199	199						
28/ 27	1.4	3.0	.8																							120	120	154	196						
26/ 25	.7	2.2	.3																							74	74	110	192						
24/ 23	.2	2.6	.2																							68	68	73	100						
22/ 21	.4	1.4	.1																							45	45	73	91						
20/ 19	.3	.9	.0																							27	27	32	60						
18/ 17	.1	.1	.0																							34	34	27	64						
16/ 15	.1	.6	.1																							23	23	35	90						
14/ 13	.1	.3	.1																							10	10	16	35						
12/ 11	.0	.1	.1																							3	3	6	30						
10/ 9	.0	.0																								1	1	3	21						
8/ 7																													16						
6/ 5																													11						
4/ 3																													4						
TOTAL	15,663	19.3	1.3	.0																						2325	2325	2325	2325						

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15622325	195299	16.0	9.669	2325	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3005685	81681	35.1	7.652	2325		31.7					93
Wet Bulb	2736975	77869	33.5	7.391	2325		38.1					93
Dew Point	2353647	71301	30.7	8.483	2325		50.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35010 WIESBADEN AB GERMANY 46-70 YEARS DEC
STATION STATION NAME MONTH
PAGE 1 2100-2300
HOURS U. 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		.1																		3	3	1															
54/53			.3																	10	10	2	3														
52/51		.5	.3																	19	19	1															
50/49	.1	1.0	.4	.1																29	39	25	7														
48/47	.1	.9	1.0	.1	.1															52	52	38	19														
46/45	.3	2.7	.5																	82	82	45	41														
44/43	.6	3.1	1.6	.1																127	127	115	59														
42/41	.9	4.7	1.8	.0																160	160	121	121														
40/39	1.3	5.1	1.7																	188	188	181	120														
38/37	1.4	6.1	1.8																	260	260	202	165														
36/35	2.1	8.4	1.8																	273	273	274	219														
34/33	2.3	7.2	1.4																	258	258	296	269														
32/31	2.4	5.6	.5	.1																205	205	240	257														
30/29	2.0	5.1	.5		.1															187	187	204	223														
28/27	.8	4.0	.8	.0																125	125	155	146														
26/25	.8	3.0	.5																	94	94	116	148														
24/23	.3	2.5	.5																	69	69	82	112														
22/21	.6	1.7	.5																	55	55	78	91														
20/19	.5	.9	.1																	34	34	44	67														
18/17	.2	.8	.1																	24	24	29	77														
16/15	.2	1.0																		32	32	34	56														
14/13	.1	.1																		10	10	20	24														
12/11	.2	.1																		7	7	9	24														
10/9	.0	.2																		5	5	5	29														
8/7		.0																		1	1	1	19														
6/5		.0																		1	1	2	13														
4/3																							2														
2/1																							3														
0/-1																							2														
TOTAL	17.65	214.6	.6	.1																	2320		2320														
																					2320		2320														

Element (X)	Σx^2	Σx	\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.	16954630	197142	85.0	9.344	2320							
Dry Bulb	2894275	79944	34.5	7.758	2320		34.0					93
Wet Bulb	2654111	76492	33.0	7.242	2320		40.5					93
Dew Point	2304651	70501	30.3	8.671	2320	.1	52.0					93

USAFETAC FORM AIR 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35010 WIESBADEN AB GERMANY

46-70

STATION	STATION NAME	YEARS												
HRS. (LS T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.4	33.1	39.1	46.4	52.5	57.8	60.4	59.9	55.5	47.5	40.0	34.1	46.7
	S D	7.989	8.092	7.155	5.955	6.573	5.956	6.012	5.438	5.792	6.501	6.533	7.890	12.256
	TOTAL OBS	2230	2034	2318	2247	2323	2249	2315	2281	2159	2316	2246	2322	27040
03-05	MEAN	31.6	32.3	37.5	44.4	50.6	55.6	58.2	57.9	53.6	46.2	39.4	33.6	45.2
	S D	8.084	9.100	7.148	6.619	6.426	5.756	5.824	5.354	5.786	6.645	6.623	7.994	11.769
	TOTAL OBS	2232	2034	2322	2247	2321	2249	2318	2294	2190	2319	2242	2322	27090
06-08	MEAN	31.5	31.9	37.0	44.9	52.5	58.5	60.6	59.1	53.9	45.9	39.2	33.4	45.9
	S D	8.211	9.202	7.216	6.731	6.286	5.906	5.673	5.266	5.775	6.783	6.623	8.051	12.585
	TOTAL OBS	2232	2034	2321	2248	2324	2250	2321	2324	2250	2325	2246	2323	27195
09-11	MEAN	32.5	33.7	41.2	50.8	58.6	64.5	67.1	65.5	59.9	49.8	40.8	34.3	50.1
	S D	8.063	8.908	7.546	7.326	7.031	7.064	6.932	6.103	6.207	6.702	6.489	7.931	14.457
	TOTAL OBS	2231	2034	2325	2247	2324	2250	2325	2324	2259	2325	2245	2324	27204
12-14	MEAN	35.0	37.4	46.2	53.8	63.2	68.9	71.5	70.5	65.2	54.7	43.7	36.4	56.2
	S D	7.740	8.517	8.374	8.808	8.241	8.209	8.235	7.201	7.333	7.177	6.670	7.758	13.437
	TOTAL OBS	2232	2034	2325	2246	2325	2249	2325	2325	2250	2325	2245	2325	27206
15-17	MEAN	35.3	38.4	48.0	57.2	64.4	69.9	72.8	71.7	66.6	55.4	43.7	36.3	55.2
	S D	7.490	8.308	8.843	9.304	8.364	8.322	8.754	7.633	7.738	7.313	6.537	7.637	13.816
	TOTAL OBS	2232	2032	2325	2250	2325	2247	2325	2325	2250	2324	2242	2324	27203
18-20	MEAN	33.7	35.9	44.5	53.8	61.6	67.1	69.9	68.3	62.1	51.4	41.5	35.1	52.5
	S D	7.690	8.362	8.234	8.422	7.883	8.016	8.287	7.272	7.217	6.397	6.487	7.632	13.250
	TOTAL OBS	2231	2033	2325	2235	2325	2249	2320	2310	2220	2323	2246	2325	27159
21-23	MEAN	32.8	34.3	41.1	49.0	53.7	61.0	63.6	62.5	57.3	48.8	40.3	34.3	48.5
	S D	7.948	8.451	7.336	7.237	6.710	6.433	6.539	5.741	6.093	6.491	6.464	7.756	13.057
	TOTAL OBS	2231	2033	2319	2247	2323	2246	2320	2279	2149	2317	2244	2320	27038
ALL HOURS	MEAN	33.1	34.6	41.8	50.3	57.3	62.9	65.3	64.4	59.2	50.0	41.1	34.7	49.8
	S D	8.013	9.002	8.537	8.238	8.801	8.711	8.813	8.066	8.040	7.587	6.757	7.920	14.354
	TOTAL OBS	17851	16268	18885	17978	16590	17991	18589	16462	17728	18374	17498	18985	217135

DATA PROCESSING DIVISION
 USAF ETAC
 ATR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

46-70
 YEAR

HRS (LST)	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN S D TOTAL OBS	30.9 7.736 2230	31.4 8.382 2034	30.5 6.779 2315	42.7 6.091 2241	43.5 5.807 2320	54.0 5.209 2249	56.5 5.048 2315	56.2 4.725 2281	52.5 5.292 2154	45.4 6.267 2316	38.4 6.238 2237	32.7 7.670 2318	43.9 11.280 27010
03-05	MEAN S D TOTAL OBS	30.4 7.837 2232	30.7 8.774 2034	35.3 6.893 2319	41.4 6.092 2240	47.2 5.835 2316	52.6 5.227 2249	55.2 5.018 2317	55.0 4.855 2292	51.2 5.535 2184	44.4 6.458 2316	37.9 6.345 2226	32.3 7.707 2316	42.9 11.109 27041
06-08	MEAN S D TOTAL OBS	30.2 7.947 2231	30.4 8.787 2029	34.9 6.943 2315	41.8 6.143 2236	48.7 5.644 2319	54.4 5.068 2249	56.8 4.822 2318	55.8 4.668 2321	51.4 5.407 2243	44.2 6.550 2321	37.7 6.324 2224	32.2 7.706 2314	43.4 11.599 27122
09-11	MEAN S D TOTAL OBS	31.0 7.771 2231	31.8 8.411 2031	37.8 6.875 2323	45.2 6.156 2246	51.9 5.769 2324	57.2 5.382 2250	59.6 5.127 2325	58.9 4.829 2323	54.9 5.050 2250	46.9 6.040 2322	38.9 6.162 2232	32.9 7.615 2318	45.7 12.170 27175
12-14	MEAN S D TOTAL OBS	32.8 7.366 2232	34.3 7.830 2033	40.9 7.100 2325	47.6 6.383 2243	53.8 6.078 2324	58.8 5.560 2268	61.0 5.359 2325	60.6 4.744 2325	57.2 5.249 2250	49.5 5.937 2322	40.9 6.078 2234	34.4 7.361 2324	47.8 12.034 27183
15-17	MEAN S D TOTAL OBS	32.1 7.166 2231	35.0 7.635 2032	41.8 7.047 2325	48.1 6.330 2247	54.1 5.913 2324	59.0 5.349 2249	61.3 5.184 2325	60.8 4.740 2325	57.7 5.335 2250	50.0 5.974 2324	40.9 5.956 2233	34.4 7.324 2324	48.2 11.962 27191
18-20	MEAN S D TOTAL OBS	31.9 7.486 2231	33.4 7.933 2032	40.0 7.017 2324	46.7 6.212 2249	53.1 5.807 2322	58.2 5.236 2249	60.6 5.192 2320	59.9 4.753 2309	56.2 5.438 2220	47.9 6.065 2323	39.5 6.062 2240	32.5 7.571 2325	46.9 12.122 27144
21-23	MEAN S D TOTAL OBS	31.2 7.785 2231	32.3 8.117 2032	37.9 6.754 2316	44.2 6.033 2241	50.4 5.721 2320	55.3 5.160 2246	58.2 5.081 2320	57.7 4.678 2279	53.9 5.303 2159	46.2 6.132 2317	38.7 6.117 2237	33.0 7.542 2321	45.1 11.595 27019
ALL HOURS	MEAN S D TOTAL OBS	31.4 7.692 17849	32.4 8.418 18258	38.1 7.224 19362	44.7 6.656 17943	51.0 6.327 18369	56.3 5.748 17989	58.7 5.544 18065	58.1 5.286 18492	54.4 5.834 17712	46.8 6.513 18561	39.1 6.272 17865	32.2 7.361 18259	45.5 11.891 216887

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35010 WIESBADEN AB GERMANY

46-70

STATION		STATION NAME												YEARS
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	27.9	27.9	32.6	38.4	44.7	50.9	53.7	53.6	50.0	43.1	36.2	30.2	40.9
	S D	9.009	9.980	7.938	6.852	6.652	5.857	5.364	5.207	5.918	6.953	6.769	8.798	11.888
	TOTAL OBS	2230	2034	2314	2241	2320	2249	2315	2281	2134	2316	2237	2318	27009
03-05	MEAN	27.5	27.4	31.9	37.7	44.1	50.1	53.0	52.9	49.2	42.5	35.8	29.8	40.3
	S D	9.110	10.138	8.034	6.851	6.546	5.776	5.286	5.275	6.080	7.058	6.888	8.792	11.819
	TOTAL OBS	2232	2034	2319	2240	2316	2249	2312	2292	2184	2315	2220	2316	27039
06-08	MEAN	27.4	27.2	31.6	38.1	45.1	51.3	54.2	53.4	49.3	42.3	35.6	29.7	40.6
	S D	9.199	10.094	8.108	6.913	6.406	5.728	5.168	5.003	5.877	7.090	6.697	8.751	12.135
	TOTAL OBS	2230	2029	2315	2236	2319	2249	2518	2321	2245	2321	2224	2314	27121
09-11	MEAN	27.8	28.0	33.0	39.2	46.1	51.9	54.6	54.3	51.1	43.8	36.5	30.2	41.5
	S D	9.067	9.775	8.128	7.262	7.010	6.294	5.769	5.688	5.813	6.810	6.795	8.720	12.228
	TOTAL OBS	2231	2031	2323	2246	2324	2230	2329	2323	2230	2322	2232	2318	27175
12-14	MEAN	28.9	29.2	33.9	39.3	43.8	51.5	54.1	54.0	51.4	44.7	37.5	31.1	41.9
	S D	8.801	9.374	8.803	7.642	7.621	6.740	6.149	5.693	6.280	7.136	6.712	8.935	11.951
	TOTAL OBS	2232	2033	2323	2242	2324	2243	2323	2323	2230	2322	2234	2324	27184
15-17	MEAN	29.2	29.6	34.1	38.8	45.3	51.3	53.8	53.5	51.2	44.8	37.5	31.2	41.8
	S D	8.680	9.332	8.659	7.682	7.712	6.653	6.049	5.982	6.479	7.316	6.536	8.545	11.764
	TOTAL OBS	2232	2032	2323	2247	2324	2249	2323	2323	2230	2324	2235	2324	27192
18-20	MEAN	28.6	29.2	34.1	39.3	45.9	52.0	54.6	54.3	51.7	44.5	36.9	30.7	41.9
	S D	8.861	9.408	8.229	7.331	7.324	6.387	5.951	5.689	6.216	7.014	6.657	8.483	12.028
	TOTAL OBS	2230	2032	2324	2249	2322	2249	2320	2309	2220	2323	2240	2325	27143
21-23	MEAN	28.1	28.6	33.3	39.0	45.7	52.0	54.6	54.3	50.9	43.6	36.4	30.3	41.5
	S D	9.082	9.482	7.928	6.904	6.828	5.848	5.510	5.243	5.995	6.930	6.670	8.671	12.038
	TOTAL OBS	2231	2033	2316	2241	2320	2246	2319	2279	2139	2316	2237	2320	27017
ALL HOURS	MEAN	28.2	29.4	33.1	38.7	45.3	51.4	54.1	53.8	50.6	43.7	36.6	30.4	41.3
	S D	9.008	9.741	8.282	7.207	7.087	6.212	5.690	5.427	6.165	7.104	6.771	8.678	11.997
	TOTAL OBS	17848	16738	18561	17942	18569	17989	18563	18433	17713	18338	17863	18559	216880

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY 46-70 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	99.9	99.4	96.7	85.7	60.8	24.9	82.3	17850
FEB		100.0	100.0	100.0	99.6	97.8	91.0	74.6	48.3	18.9	78.6	16256
MAR		100.0	100.0	99.4	97.2	91.2	79.2	58.5	33.3	11.1	72.6	18561
APR		100.0	99.9	98.5	92.2	81.2	65.9	46.7	23.2	5.8	66.9	17943
MAY		100.0	100.0	98.8	92.2	80.4	63.5	45.5	23.6	6.4	66.6	18569
JUN		100.0	100.0	98.9	93.4	82.6	67.2	49.0	29.1	8.2	68.4	17988
JUL		100.0	100.0	99.2	94.2	83.7	68.5	51.0	30.0	6.9	69.0	18562
AUG		100.0	100.0	99.3	95.7	85.8	71.8	54.6	33.9	9.4	70.7	18455
SEP		100.0	100.0	99.5	97.7	91.8	80.2	64.6	42.0	16.1	74.9	17712
OCT		100.0	100.0	99.8	99.2	96.6	90.3	78.1	54.9	24.8	80.1	18560
NOV		100.0	100.0	100.0	99.9	99.6	97.8	90.5	67.9	29.8	84.3	17863
DEC		100.0	100.0	100.0	100.0	99.8	98.5	90.1	67.7	30.6	84.4	18559
TOTALS		100.0	100.0	99.5	96.8	90.8	80.9	65.7	42.9	16.1	74.9	216880

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY 47-70 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.8	98.3	90.0	65.7	26.4	83.8	2230
	03-05	100.0	100.0	100.0	100.0	99.7	98.5	91.8	67.9	31.1	84.5	2232
	06-08	100.0	100.0	100.0	100.0	99.8	98.2	92.0	69.6	30.9	84.8	2231
	09-11	100.0	100.0	100.0	100.0	99.7	97.6	88.3	63.1	26.4	83.0	2231
	12-14	100.0	100.0	100.0	100.0	98.7	93.1	76.3	46.1	16.4	78.9	2232
	15-17	100.0	100.0	100.0	99.7	98.6	92.3	75.1	48.6	16.9	78.6	2232
	18-20	100.0	100.0	100.0	99.8	99.2	97.0	84.4	59.3	22.8	81.7	2231
	21-23	100.0	100.0	100.0	100.0	99.5	98.2	87.5	63.8	26.2	83.0	2231
	TOTALS	100.0	100.0	100.0	99.9	99.4	96.7	85.7	60.8	24.9	82.3	17850

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY
STATION STATION NAME

47-70
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	99.2	96.3	82.9	57.2	22.3	81.5	2034
	03-05	100.0	100.0	100.0	99.9	99.3	96.6	85.4	61.8	25.2	82.5	2033
	06-08	100.0	100.0	100.0	100.0	99.3	96.4	86.2	62.9	27.1	82.8	2028
	09-11	100.0	100.0	100.0	99.9	99.0	93.6	78.1	51.7	20.6	79.9	2031
	12-14	100.0	100.0	100.0	99.0	94.6	81.3	57.9	31.5	10.6	73.1	2033
	15-17	100.0	100.0	99.8	98.2	93.3	76.7	54.8	28.8	10.4	71.8	2032
	18-20	100.0	100.0	100.0	99.8	98.4	91.1	71.0	41.9	15.6	77.3	2032
	21-23	100.0	100.0	100.0	99.9	99.0	95.8	80.4	50.2	19.2	80.0	2033
	TOTALS	100.0	100.0	100.0	99.6	97.8	91.0	74.6	48.3	18.9	78.6	16256

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 DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

35010
 STATION

FIESBADEN AB GERMANY
 STATION NAME

46-7C

PERIOD

MAR
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.6	98.9	93.3	75.4	44.0	14.0	78.2	2314
	03-05	100.0	100.0	100.0	99.8	99.4	95.8	82.2	53.6	18.1	80.5	2319
	06-08	100.0	100.0	100.0	99.6	99.2	97.0	83.5	55.8	21.0	81.3	2315
	09-11	100.0	100.0	99.7	99.1	95.4	84.2	60.0	31.0	10.2	73.6	2323
	12-14	100.0	99.8	98.6	94.1	80.3	57.8	33.1	14.4	4.7	63.8	2325
	15-17	100.0	99.8	97.2	89.2	70.2	48.6	28.5	11.7	3.7	60.5	2325
	18-20	100.0	100.0	99.4	96.7	88.1	70.2	43.8	21.6	6.2	68.2	2324
	21-23	100.0	100.0	100.0	99.3	97.8	86.4	61.8	33.1	10.8	74.6	2316
TOTALS		100.0	100.0	99.4	97.2	91.2	79.2	58.5	33.3	11.1	72.6	18361

Continuation Sheet No. 140748-10-10-64

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

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY 46-70 JUN
 STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.7	97.9	92.1	76.3	49.2	14.8	78.7	2249
	03-05	100.0	100.0	100.0	100.0	95.0	95.7	86.0	62.3	21.5	82.3	2248
	06-08	100.0	100.0	100.0	100.0	97.9	90.6	74.3	46.6	12.9	77.8	2249
	09-11	100.0	100.0	99.9	97.9	86.1	59.9	32.3	13.7	3.2	64.8	2250
	12-14	100.0	100.0	98.3	84.7	60.0	35.0	16.7	7.5	1.0	55.9	2248
	15-17	100.0	100.0	95.1	78.0	54.2	32.5	17.3	8.4	1.3	54.1	2249
	18-20	100.0	100.0	97.9	88.3	71.1	48.4	28.5	13.4	2.5	60.5	2249
	21-23	100.0	100.0	99.8	98.9	94.8	83.7	60.2	31.6	8.1	73.4	2246
TOTALS		100.0	100.0	98.9	93.4	82.6	67.2	49.0	29.1	8.2	68.4	17988

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAO

RELATIVE HUMIDITY

35010 WIESSBADEN AB GERMANY 46-70 Jul
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREAT. THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.6	99.0	94.9	81.1	50.2	11.8	79.4	2314
	03-05	100.0	100.0	100.0	100.0	99.9	98.0	90.8	66.5	18.7	83.3	2316
	06-08	100.0	100.0	100.0	100.0	99.6	95.9	82.0	51.2	12.2	79.8	2318
	09-11	100.0	100.0	100.0	98.6	88.5	69.6	33.7	12.9	2.2	65.5	2325
	12-14	100.0	100.0	99.1	86.8	62.4	33.8	15.8	7.1	1.2	56.1	2325
	15-17	100.0	99.9	96.3	78.4	52.1	28.8	15.0	7.6	1.1	53.5	2325
	18-20	100.0	100.0	98.1	90.0	72.5	47.1	27.3	12.8	2.6	60.5	2320
	21-23	100.0	100.0	100.0	99.7	95.6	86.0	61.9	31.3	5.7	73.6	2319
TOTALS		100.0	100.0	99.2	94.2	83.7	68.5	51.0	30.0	6.9	69.0	18562

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY 46-70 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.6	96.6	95.3	84.2	55.6	15.2	80.6	2281
	03-05	100.0	100.0	100.0	99.9	99.0	97.5	91.4	69.9	24.0	83.9	2292
	06-08	100.0	100.0	100.0	100.0	99.1	95.8	87.3	62.5	18.6	82.1	2321
	09-11	100.0	100.0	100.0	98.9	91.8	71.7	42.1	18.6	4.1	68.4	2323
	12-14	100.0	100.0	98.9	90.7	67.0	37.7	17.0	6.8	1.1	57.5	2325
	15-17	100.0	100.0	96.9	83.3	55.6	30.5	15.6	7.6	1.8	54.7	2325
	18-20	100.0	100.0	98.9	93.7	78.1	55.2	30.8	13.8	2.7	62.8	2309
	21-23	100.0	100.0	100.0	99.6	97.5	89.7	67.9	36.0	8.0	75.5	2279
TOTALS		100.0	100.0	99.3	95.7	85.8	71.8	54.6	33.9	9.4	70.7	18453

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY 46-70 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
GCT	00-02	100.0	100.0	100.0	99.9	99.4	97.6	91.4	72.0	31.9	85.1	2316
	03-05	100.0	100.0	100.0	100.0	99.7	98.9	94.6	79.0	41.9	87.2	2316
	06-08	100.0	100.0	100.0	100.0	99.8	98.6	94.4	75.3	44.5	87.7	2321
	09-11	100.0	100.0	100.0	99.7	98.1	92.2	79.7	53.1	24.3	80.6	2322
	12-14	100.0	100.0	99.6	97.5	90.1	73.4	52.2	26.2	9.9	70.7	2322
	15-17	100.0	99.9	99.1	96.7	88.9	70.6	47.2	23.8	6.8	68.8	2324
	18-20	100.0	100.0	99.8	99.5	97.5	93.3	77.1	44.8	14.6	78.3	2323
	21-23	100.0	100.0	100.0	99.9	99.1	96.0	83.0	62.6	24.6	82.7	2316
TOTALS		100.0	100.0	99.8	99.2	96.6	90.3	78.1	54.9	24.8	80.1	18560

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

35010 WIESBADEN AB GERMANY
 STATION STATION NAME

46-70

PERIOD

DEC
 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	99.4	93.2	73.3	34.3	85.7	2318
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	93.7	72.6	30.8	86.0	2316
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	93.8	75.4	36.7	86.2	2314
	09-11	100.0	100.0	100.0	100.0	100.0	98.8	90.7	68.6	31.0	84.8	2318
	12-14	100.0	100.0	100.0	100.0	99.5	96.2	82.8	56.1	23.4	81.5	2324
	15-17	100.0	100.0	100.0	100.0	99.4	96.7	84.0	58.0	24.3	81.9	2324
	18-20	100.0	100.0	100.0	100.0	99.9	98.7	90.2	66.0	27.7	84.0	2325
	21-23	100.0	100.0	100.0	100.0	99.9	99.1	92.2	71.2	30.8	85.0	2320
TOTALS		100.0	100.0	100.0	100.0	99.8	98.5	90.1	67.7	30.6	84.4	18559

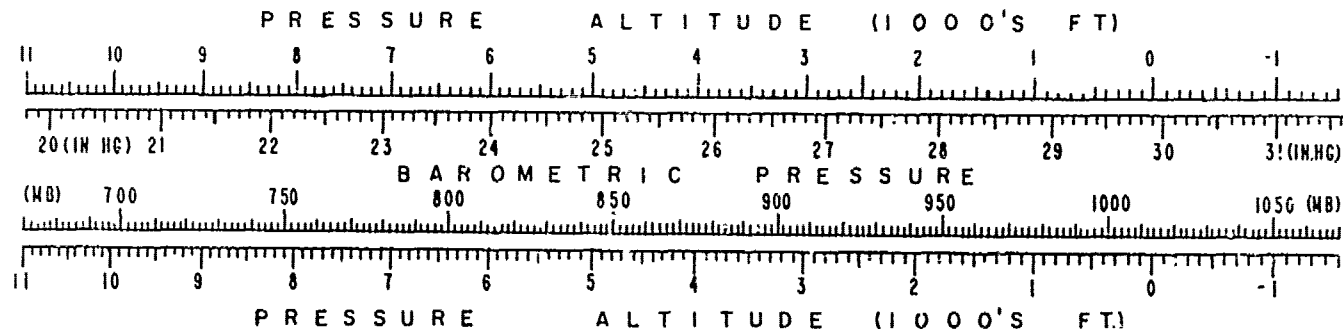
DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE (MAC)
 ASHEVILLE, NORTH CAROLINA

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

38010 WIESBAOEN AB GERMANY

46-63,65-70

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29,504	29,470	29,510	29,473	29,489	29,521	29,524	29,491	29,529	29,574	29,473	29,478	29,504
	S D	,321	,346	,309	,237	,174	,160	,151	,158	,170	,230	,300	,347	,253
	TOTAL OBS	682	621	701	690	713	689	710	729	690	741	720	743	8429
04	MEAN	29,500	29,460	29,501	29,467	29,485	29,517	29,519	29,485	29,524	29,564	29,466	29,472	29,497
	S D	,322	,349	,295	,237	,174	,162	,152	,161	,173	,232	,301	,348	,254
	TOTAL OBS	682	621	702	690	713	690	711	729	690	741	718	744	8431
07	MEAN	29,493	29,462	29,505	29,479	29,499	29,530	29,529	29,494	29,533	29,568	29,466	29,468	29,503
	S D	,323	,351	,299	,238	,176	,164	,153	,163	,177	,235	,304	,350	,256
	TOTAL OBS	682	621	702	689	713	690	713	743	719	744	718	744	8478
10	MEAN	29,515	29,479	29,521	29,492	29,506	29,536	29,535	29,505	29,550	29,589	29,484	29,488	29,517
	S D	,324	,353	,301	,240	,177	,164	,156	,165	,179	,237	,307	,351	,258
	TOTAL OBS	681	621	703	689	713	690	713	744	720	744	718	742	8478
13	MEAN	29,502	29,472	29,509	29,473	29,488	29,521	29,519	29,490	29,534	29,573	29,471	29,474	29,503
	S D	,324	,353	,298	,237	,173	,162	,154	,159	,176	,233	,305	,345	,255
	TOTAL OBS	682	621	703	689	713	690	713	744	720	744	720	744	8483
16	MEAN	29,493	29,485	29,482	29,448	29,466	29,502	29,500	29,472	29,513	29,555	29,463	29,466	29,485
	S D	,321	,348	,294	,234	,171	,160	,150	,155	,172	,228	,302	,343	,251
	TOTAL OBS	682	619	703	690	713	689	713	744	720	743	717	743	8476
19	MEAN	29,504	29,466	29,490	29,450	29,469	29,497	29,495	29,468	29,514	29,568	29,472	29,473	29,489
	S D	,319	,347	,293	,232	,170	,157	,148	,154	,172	,227	,303	,342	,250
	TOTAL OBS	682	621	703	690	713	689	711	744	720	744	720	744	8481
22	MEAN	29,512	29,474	29,506	29,473	29,486	29,520	29,517	29,489	29,531	29,577	29,479	29,480	29,504
	S D	,320	,348	,292	,235	,172	,158	,148	,156	,172	,229	,304	,342	,252
	TOTAL OBS	682	621	701	689	713	689	711	728	690	742	710	743	8428
ALL HOURS	MEAN	29,503	29,467	29,503	29,469	29,483	29,518	29,517	29,487	29,529	29,571	29,472	29,475	29,500
	S D	,322	,349	,297	,237	,174	,161	,152	,159	,174	,231	,303	,346	,254
	TOTAL OBS	5455	4966	5618	5316	5704	5316	5695	5905	5669	5943	5755	5567	67684

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

35010 WIESBADEN AB GERMANY

46-67

STATION	STATION NAME	YEARS												
H'S IS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1017.7	1016.9	1017.0	1015.3	1015.9	1016.5	1016.3	1015.9	1017.1	1018.3	1016.1	1015.7	1016.5
	S D	11.484	12.094	10.305	8.159	5.949	5.759	5.075	5.459	5.788	8.453	10.441	12.003	8.319
	TOTAL OBS	550	593	679	659	581	650	679	662	660	682	659	678	7961
04	MEAN	1017.6	1016.6	1016.6	1015.1	1015.8	1016.4	1016.1	1015.3	1016.9	1018.0	1015.9	1015.5	1016.3
	S D	11.497	12.159	10.392	8.192	5.956	5.808	5.131	5.573	5.919	8.500	10.519	12.037	8.864
	TOTAL OBS	650	593	681	659	682	660	680	682	660	682	659	679	7967
07	MEAN	1017.5	1016.7	1016.9	1015.5	1016.3	1016.8	1016.4	1015.7	1017.3	1018.3	1015.9	1015.4	1016.5
	S D	11.530	12.308	10.488	8.233	5.977	5.873	5.222	5.699	6.031	8.593	10.637	12.138	8.944
	TOTAL OBS	649	593	681	659	681	660	682	681	660	682	660	679	7967
10	MEAN	1018.2	1017.3	1017.4	1015.9	1016.5	1017.1	1016.6	1016.0	1017.8	1018.9	1016.5	1016.0	1017.0
	S D	11.580	12.397	10.517	8.312	6.003	5.824	5.226	5.728	6.092	8.622	10.725	12.192	8.992
	TOTAL OBS	648	592	681	659	682	660	682	682	660	682	660	677	7965
13	MEAN	1017.7	1017.0	1017.0	1015.2	1015.8	1016.5	1016.1	1015.5	1017.2	1018.3	1016.0	1015.6	1016.5
	S D	11.540	12.391	10.368	8.191	5.698	5.677	5.111	5.525	5.934	8.444	10.642	11.998	8.884
	TOTAL OBS	649	593	682	659	682	660	682	682	660	682	660	680	7971
16	MEAN	1017.3	1016.4	1016.0	1014.4	1015.1	1015.9	1015.4	1014.8	1016.4	1017.7	1015.7	1015.3	1015.9
	S D	11.465	12.242	10.220	8.075	5.812	5.595	4.980	5.401	5.832	8.266	10.506	11.863	8.766
	TOTAL OBS	649	591	681	660	682	659	681	682	660	681	639	679	7964
19	MEAN	1017.7	1016.9	1016.4	1014.8	1015.0	1015.7	1015.3	1014.8	1016.6	1018.2	1016.1	1015.7	1016.0
	S D	11.426	12.193	10.222	7.982	5.793	5.554	4.895	5.374	5.859	8.292	10.543	11.836	8.765
	TOTAL OBS	649	593	681	680	682	659	680	682	660	682	660	680	7966
22	MEAN	1018.0	1017.1	1016.9	1015.3	1015.7	1016.5	1016.0	1015.4	1017.2	1018.3	1016.3	1015.8	1016.6
	S D	11.434	12.207	10.269	8.105	5.870	5.872	5.148	5.471	5.911	8.401	10.361	11.828	8.792
	TOTAL OBS	649	593	679	659	682	659	681	681	660	681	660	679	7962
ALL HOURS	MEAN	1017.7	1016.9	1016.9	1015.3	1015.8	1016.4	1016.0	1015.4	1017.0	1018.0	1016.1	1015.6	1016.4
	S D	11.493	12.233	10.338	8.163	5.924	5.729	5.089	5.530	5.920	8.448	10.570	11.984	8.859
	TOTAL OBS	5193	4740	5447	5276	5434	5276	5447	5434	5280	5456	5377	5431	63723