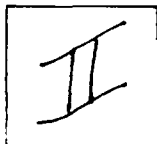


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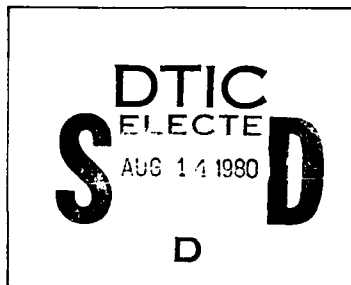
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USAFETAC/DS-40/056

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVELATION FORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SANDHOFEN GERMANY/COLEMAN AAF WBAN # 34068
N 47 34 E 008 28 ELEV 334 FT EDOR WMO # 10720

PARTS A-F
POR FROM HOURLY OBS AUG 59-DEC 70
POR FROM DAILY OBS JAN 64-FEB 65, SEP-NOV 65,
 JAN-MAY 66, NOV 66-DEC 70

FEB 16 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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1. REPORT NUMBER USAFETAC/DS- 80/56	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Sandhofen Germany/Coleman AAF		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBER
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 16 Feb 72
		13. NUMBER OF PAGES
		15. SECURITY CLASS. of this report UNCLASSIFIED
16. DISTRIBUTION STATEMENT of this Report Approved for public release; distribution unlimited		
17. DISTRIBUTION STATEMENT of the abstract entered in this Report (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 Sandhofen Germany/Coleman AAF. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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

*Germany

**Sandhofen Germany/Coleman AAF

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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DATA PROCESSING DIVISION
USAFETAC 01-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP

DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS:

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

JANUARY _____

APRIL 00-02, 21-23

JULY _____

OCTOBER 00-02, 21-23

FEBRUARY 00-02, 21-23

MAY 00-02, 21-23

AUGUST 00-02, 21-23

NOVEMBER 00-02

MARCH 00-02

JUNE 00-02, 21-23

SEPTEMBER 00-02

DECEMBER 00-02

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	RMO NUMBER
34068	SANDHOFEN GERMANY/COLEMAN AAF	N 49 34	E 008 28	334	EDOR	10729

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Coleman AAF Sandhofen Germany	AAF	Aug 59	Apr 61	N 49 34	E 008 28	324	359	11to16
2	No change	AAF	May 61	Oct 65	No chge	No chge	No chge	355	12to16
3	No change	AAF	Nov 65	Dec 70	No chge	No chge	334	327	15

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	Aug 59 to Feb 60	Located on top of control tower.	AN/GMQ-11	None	50 ft	
2	Mar 60 to Feb 61	Located on top of GCA shack, 400 ft from active runway.	No chge	None	15 ft	
3	Mar 61 to Apr 61	Located in the control tower.	No chge	None	60 ft	
4	May 61 to Feb 62	Located on top of control tower.	No chge	None	46 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	
5	Mar 62 to May 68	Located on roof of operations bldg next to ROS.	AN/GMQ-1	None	56 ft	
6	Jun 68 to Dec 70	Located 500 ft W of centerline of runway 05/23 near midpoint of runway.	AN/GMQ-1	RO-2	14 ft	

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ETAC/USAF
AIR WEATHER SERVICE (MAC)
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-WEAN 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/PAC

WEATHER CONDITIONS

34068 SAARDORFEN GERMANY/COLEMAN AAF 59-70
STATION STATION NAME YEARS

ALL
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		7.0	.7	8.3		15.6	37.8	67.8			87.8	4275
FEB		.1	11.0	.1	7.2		17.9	25.8	62.4			67.3	3917
MAR		.0	11.4	.0	3.1	.0	13.9	15.5	66.6			69.1	4550
APR		.4	13.5	.0	.5	.1	13.8	12.0	49.5		.0	51.3	4495
MAY		.9	10.2			.0	10.2	12.8	45.1		.0	46.3	4568
JUN		1.2	9.9			.1	8.9	11.6	42.1		.0	43.6	4316
JUL		.9	17.5				17.6	9.1	44.3		.0	43.4	4401
AUG		.8	8.2				8.2	13.0	41.6			44.7	4926
SEP		.4	13.6				13.6	19.5	43.3			49.9	4640
OCT		.1	8.3				8.3	33.2	53.9			73.0	4749
NOV			11.1	.1	2.6		13.5	29.7	68.9			73.8	4534
DEC			10.1	.6	5.8		16.1	33.7	71.6			80.0	4545
TOTALS		.4	10.9	.1	2.3	.0	13.1	21.1	55.8		.0	61.2	33916

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34069
STATION

SAUMBER GERMANY/COLETA AAF
STATION NAME

60-70
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LIST	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 BEST VISION	TOTAL NO. OF OBS
JAN	0-23						100.0					100.0	1
	03-05		9.9	3.3	13.2		25.3	34.1	76.9			64.6	91
	06-08		9.1	.7	9.8		18.9	36.5	71.3			65.1	879
	09-11		9.3	.3	9.6		18.8	33.7	78.6			69.2	914
	12-14		9.4	.7	9.8		19.0	24.3	74.9			62.2	890
	15-17		9.2	.1	10.1		18.7	23.4	71.8			79.6	851
	18-20		8.7	.2	8.4		17.0	27.5	69.2			61.3	630
	21-23				5.3		5.3	21.1	100.0			100.0	19
TOTALS			7.7	.7	8.3		15.4	37.8	67.8			67.8	4275

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AGC

WEATHER CONDITIONS

34069 STATION 54 WILHELM STRASSE GERMAN VIGORLE AFB AF 60-70 YEAR 883

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS 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 BEST VISION	TOTAL OBS TR
FEB	10-02												
	3-05		11.7		7.3		18.3	47.2	78.0			87.5	92
	6-07		9.5	.4	7.5		17.3	39.5	62.3			73.0	870
	9-11	.1	10.7	.2	7.7		19.9	30.9	68.7			76.6	653
	12-14		10.8		5.8		16.0	14.7	61.3			63.9	633
	15-17	.1	12.1		7.2		19.1	13.7	54.0			55.9	796
	18-20	.2	12.3		5.1		19.9	16.6	50.3			53.9	553
	21-23												
TOTALS		.1	11.0	.1	7.2		17.9	25.2	62.6			67.3	3917

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34069 SA DREFFEN, GERMANY/COLEMAN AAF 60-70 YEAR MONTH
STATION STATION NAME YEARS

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 BEST TO WHICH	TOTAL NO. OF OBS
YEAR	0-02												
	03-05		16.2		5.4		18.9	43.2	79.4			87.8	74
	6-08		12.3	.1	4.6	.1	16.2	33.0	77.0			60.6	940
	9-11		9.9		4.8		14.2	16.9	72.8			75.2	966
	12-14		12.5		2.3		14.6	6.0	56.6			57.3	943
	15-17	.1	11.8		1.9		13.6	4.1	46.9			47.5	912
	18-20	.1	12.2		2.7		14.7	5.6	49.8			50.6	695
	21-23		5.0				5.0		85.0			85.0	20
TOTALS		.2	11.4	.2	3.1	.2	13.9	15.5	66.6			69.1	4550

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

3400R
 STATION

SA DUFFEL GERMAN Y/COLEMAN AAF
 STATION NAME

60-70
 YEARS

YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02												
	03-05		9.2				9.2	31.1	78.2			60.7	119
	06-08	.1	17.2		1.0		17.7	24.2	69.6			73.0	923
	09-11	.2	15.9		.7		16.3	8.6	59.0			60.7	945
	12-14	.3	11.8	.1	.9	.3	12.6	2.1	38.3		.1	38.7	925
	15-17	.2	11.5		.2		11.7	1.2	25.9		.1	25.8	892
	18-20	1.3	15.1		.1		15.1	4.5	26.3			28.7	691
	21-23												
TOTALS		.4	13.5	.0	.5	.1	13.8	12.0	49.5		.0	51.3	4495

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34068 SANDROPER GERMANY/COLEMAN AAF 60-70 YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L S F	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
AY	0-02												
	03-05	.8	10.1				10.1	47.1	86.6			86.6	119
	06-08		11.8				11.8	21.8	65.7			70.0	934
	09-11	.2	10.7				10.7	9.4	53.9			54.8	960
	12-14	1.0	10.7				10.7	1.5	29.6			30.1	944
	15-17	1.8	9.4				9.4	.9	16.9		.1	17.3	911
	18-20	1.6	8.7			.1	8.7	2.9	17.9			18.9	700
	21-23												
TOTALS		.9	10.2			.1	10.2	12.8	45.1		.0	46.3	4568

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-70
 STATION STATION NAME YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02												
	03-05		7.8				7.8	36.9	74.8			76.7	103
	06-08	.3	8.3				8.3	22.5	61.9			66.4	876
	09-11	.8	8.1				8.1	4.6	49.5			50.6	927
	12-14	.9	9.7				9.7	2.1	28.9			28.9	911
	15-17	3.2	10.2			.1	10.2	1.4	19.2			19.3	876
	18-20	2.2	9.3			.2	9.5	1.8	18.5		.2	19.4	623
	21-23												
TOTALS		1.2	8.9			.1	8.9	11.6	42.1		.2	43.6	4316

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

WEATHER CONDITIONS

34068
 STATION

SWINDLER

GERNA V. COLETA CAP
 STATION NAME

6070
 ZONE

YEAR

000
 OFFICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM FLUCKY OBSERVATIONS

MONTH	HOURS OBS.	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	A LOT OF FOG WITH PREIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	ICE AND/OR ICE CRAND	WINDY WITH HEAVY TURBULENCE	TOTAL OBS. HOURS
JUL	0-23		100.0				100.0						1
	3-5		6.6				6.6	48.4	64.0			64.9	106
	6-8	.4	6.4				6.4	22.6	62.7			67.9	890
	9-11	.1	6.7				6.7	3.6	51.1		.1	51.8	936
	12-14	1.3	6.9				6.9	1.7	25.5			25.9	916
	15-17	2.6	6.7				6.9	.7	15.9		.1	16.2	882
	18-20	2.5	7.3				7.3	1.2	15.4		.1	16.1	669
	21-23								100.0			100.0	1
TOTALS													
		.9	17.6				17.6	9.1	44.2		.0	45.4	4401

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34068 SANDROBE GEFANY/COLE AAF
STATION

59-70

YEAR

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/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
AUG	0-02												
	3-05		7.1				7.1	31.5	66.1			68.5	127
	6-08	.3	9.4				9.4	32.7	63.3			74.3	992
	9-11	.1	8.7				8.7	7.4	84.8			97.8	1050
	12-14	1.7	8.2				8.2	2.6	29.8			30.7	1026
	15-17	1.6	7.3				7.3	1.2	16.0			18.2	987
	18-20	1.9	8.7				8.7	2.6	17.6			18.5	744
	21-23												
TOTALS		.9	8.2				8.2	13.0	41.6			44.7	4926

2

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34068
 STATION

SALZBURG GERMANY/COLEMAN AFB
 STATION NAME

59-70

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	0-02												
	3-05		9.6				9.6	54.4	73.7			82.5	114
	06-08		5.3				5.3	55.5	64.3			81.7	933
	09-11	0.1	6.7				6.7	18.3	65.0			69.4	995
	12-14	0.4	6.9				6.9	20.8	45.7			46.2	970
	15-17	0.6	8.0				8.0	10.5	33.0			33.9	924
	18-20	1.4	8.4				8.4	3.8	35.3			36.3	702
	21-23		50.0				50.0						2
TOTALS		0.4	13.6				13.6	19.5	45.3			49.9	4640

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34068
 STATION

SANDHOFEN GERMANY/COLEMAN AAF
 STATION NAME

59-70

YEARS

LCT
 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 VISIB TO VISION	TOTAL NO. OF OBS
OCT	00-02												
	03-05		4,1				4,1	57,7	70,1			82,5	97
	06-08		9,2				9,2	56,5	63,4			83,9	960
	09-11		8,8				8,8	33,6	73,9			83,4	1032
	12-14		9,3				9,3	15,5	62,6			67,0	1004
	15-17	.1	8,8				8,8	11,8	53,2			58,7	963
	18-20	.3	9,6				9,6	22,3	56,3			62,2	691
	21-23												
TOTALS		.1	8,3				8,3	33,2	63,9			73,0	4769

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34068
STATION

SANDROFEN GERMANY/COLEMAN AAF
STATION NAME

59-70
YEARS

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREZZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	GLAC AND/OR DAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	0-02												
	3-05		11.0		.9		11.9	45.7	72.5			78.0	109
	6-08		12.5		3.2		15.7	42.7	61.3			73.9	895
	9-11		13.7		2.9		16.6	37.3	67.7			76.5	975
	12-14		11.8		3.5		15.0	21.9	63.9			69.3	953
	15-17		13.3		2.8		16.0	21.5	62.5			68.0	915
	18-20		13.4	.4	4.6		18.7	25.3	54.7			64.9	680
	21-23							100.0	100.0			100.0	7
TOTALS			11.1	.1	2.6		13.5	29.7	68.9			73.8	4534

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34068
STATIONSAIGUFEN GERMANY/COLEMAN AAF
STATION NAME

59-70

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	0-02												
	03-05		3.6	1.2	7.2		12.0	39.2	65.1			72.3	83
	06-08		8.4	.1	9.0		16.8	37.4	61.9			75.3	904
	09-11		9.6	1.2	5.3		16.4	37.7	71.7			83.3	992
	12-14		11.4	.6	7.3		18.8	29.1	70.4			77.8	949
	15-17		12.4	.6	4.6		17.4	29.9	69.5			78.1	904
	18-20		11.1	.4	5.9		17.3	32.1	67.3			77.9	692
	21-23		14.3				14.3	38.1	95.2			95.2	21
TOTALS			10.1	.6	5.8		16.1	33.7	71.6			80.0	4343

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

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	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,

1 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

36068 SA BHOFFEN GERMANY/COLEMAN AAF 65-67, 69-70
STATION STATION NAME YEARS

PRECIP	AMOUNTS INCHES											PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES				
	NONE	TRACE	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9			1.0	OVER 1.0	MEAN	GREATEST	LEAST
JAN																		
FEB	28.6	12.5	3.0	26.8	12.5	10.7	3.6	1.8						58.9	56	1.75	2.80	.69
MAR	25.8	35.5	6.1	6.5	4.8	17.7	1.6							39.7	62	1.39	1.76	1.02
APR	20.0	21.1	2.2	25.6	8.9	17.8	3.3	1.1						58.9	90	2.01	2.62	1.55
MAY	40.3	12.9	6.5	9.7	4.6	11.3	9.7	3.2	1.6					46.8	62	3.22	3.41	3.03
JUN	33.3	23.3	6.7	11.7	1.7	8.3	1.0	3.3	1.7					43.3	60	3.09	4.98	1.20
JUL	53.6	14.0	2.2	6.5	5.4	7.5	7.5	3.2						32.3	93	2.08	2.39	1.61
AUG	44.1	20.4	1.1	8.6	7.5	10.8	4.3	3.2						35.5	93	2.00	3.45	.88
SEP	56.7	16.7	2.2	5.6	5.6	6.7	3.3	3.3						26.7	90	1.39	2.54	.84
OCT	63.4	14.0	4.3	7.5	6.5	3.2	1.1							22.6	93	.56	1.18	.13
NOV	23.3	20.0	3.3	25.6	7.8	12.2	4.4	3.3						56.7	90	2.26	4.10	.89
DEC	19.4	9.7	3.2	32.3	9.7	22.6	3.2							71.0	31	2.14	2.14	2.14
ANNUAL	37.2	18.2	3.9	15.1	6.8	11.7	4.7	2.0	.3					44.7	820	2.09		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

34068 SA DRUPEN GERMANY/COLEMAN AAF 65-70

YEARS

24 HOUR AMOUNTS 1 INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65											.20	.91		
66					.75								.41	
67			.17	.46			.41	.82	.69	.84				
69				.21	.78		1.74	.79	.86	.43	.07	.33		
70			.57	.23	.46	1.36		.41	.27	.56	.42	.31		
MEAN			.37	.38	.51	1.07	1.08	.67	.61	.61	.22	.32	.41	
S D														
TOTAL OBS			36	62	90	62	60	93	93	90	93	90	31	820

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
 FROM DAILY OBSERVATION

34068
STATION

SANDHOFFEN GERMANY/COLEMAN AAF
STATION NAME

65-70
YEARS

YEARS

24 HOUR AMOUNTS 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	0	0	0	0	0	0	0	0	0	0	0	PRECIP DAYS	
65	0	0							1.60 29				PRECIP DAYS	
66	.32 26	.45 27	.24 28		.17 25						.29 28		PRECIP DAYS	
67	.13 28			.38 28	.67 29					.17 22	.14 22	0	PRECIP DAYS	
68	.30 1	0	0	0	0	0	0	.95 22	.70 21	.66 23	.37 26	.18 23	PRECIP DAYS	
69	.80 24	.32 21	.33 28										.27 27	PRECIP DAYS
70	.36 29					.47 29							.48 30	PRECIP DAYS
MEAN														
S. D.														
TOTAL OBS.														

1 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 FROM DAILY OBSERVATIONS

34068 SANDHOFEN GERMANY/COLEMAN AAF 69-70
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)				
	NONE	TRACE	01.04	02.05	06.0	25	26.50	5.00	21.25	25.50	30.00			35.00	OVER 20.0	MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01.04	05.4	5.24	11.34	3.144	4.104	6.5124	6.554	11.214	25.15.4	OVER 5.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7.12	3.24	25.36	37.48	49.61	6.120	OVER 20					
JAN																		
FEB	42.9	51.1	3.0	3.6										7.1	28	1.1	1.1	1.1
MAR	71.0	25.2	3.2											3.2	31	.2	.2	.2
APR	88.3	11.7													60	TRACE	TRACE	TRACE
MAY	100.0														62	.0	.0	.0
JUN	100.0														30	.0	.0	.0
JUL	100.0														62	.0	.0	.0
AUG	100.0														62	.0	.0	.0
SEP	100.0														60	.0	.0	.0
OCT	100.0														62	.0	.0	.0
NOV	88.2	10.4		1.7										1.7	60	.5	1.0	TRACE
DEC																		
ANNUAL	89.1	9.8	.7	.9										1.2	517	1.8		

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW FALL
 FROM DAILY OBSERVATIONS

34068
 STATION

SANDHOFEN GERMANY/COLEMAN AAF
 STATION NAME

68-70
 YEARS

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69				TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	
70		1.0		.2 TRACE	.0		.0	.0	.0	.0	.0	TRACE	
MEAN		1.00		.20 TRACE	.00	.00	.00	.00	.00	.00	.00	.20	
S. D.													
TOTAL OBS.		20		21	00	02	20	02	02	00	02	00	317

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATION

34068
STATION

SANDKOPFEN GERMANY/COLEMAN AAF
STATION NAME

68-70
YEARS

YEARS

24 HOUR AMOUNTS 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	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
65	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
66	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
67	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
68	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
69	1.0	0	0	0	0	0	0	0	0	27.0	24.2	23.1	SNOWFALL DAYS
70	27.6	22.3	TRACE	0	0	0	0	0	0			27.0	SNOWFALL DAYS
	29.5		28			29.0						27	SNOWFALL DAYS
												30	SNOWFALL DAYS
MEAN													
S. D.													
TOTAL OBS													

1 DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

34068 SANDHUFEN GERMANY/COLEMAN AAF 64, 67, 69-70
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN																			
FEB	67.9	32.1															28		
MAR	90.2	0.5	3.2											3.2			62		
APR	100.0																120		
MAY	100.0																93		
JUN	100.0																90		
JUL	100.0																93		
AUG	100.0																124		
SEP	100.0																90		
OCT	100.0																93		
NOV	95.0	3.3	1.7											1.7			60		
DEC																			
ANNUAL	95.2	4.2	0.9											0.9			833		

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
FROM DAILY OBSERVATIONS

34068
STATION

SANDHOFEN GERMANY/COLEMAN AAF
STATION NAME

64-69, 67-70
YEARS

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64				0		0		0		0			
67			0	0	0	0	0	0	0	0			
69		TRACE	1	0	0		0	0	0	0	1		
70				0	0		0	0	0	0	0		
MEAN		TRACE	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
S D.				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL OBS		20	08	10	09	00	00	18	00	00	00		00

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
 FROM DAILY OBSERVATIONS

30068 STATION SANDHOFEN GERMANY/COLEMAN AAF STATION NAME 66-68, 67-70 YEARS

**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		2	0	0			0		0		0	2	2 SNO DPTH DAYS
65	30	1	27	1			29		29		28	29	2 SNO DPTH DAYS
66	28	1	26						0	0	0		3 SNO DPTH DAYS
67	0	0	0	0	0						0	0	4 SNO DPTH DAYS
68	0	0								0	0	26	2 SNO DPTH DAYS
69	27	1	28	2	0	26	0	27	0	28	0	26	3 SNO DPTH DAYS
70	27	6	28	5	0							28	3 SNO DPTH DAYS
	27	4	24	28			0					28	4 SNO DPTH DAYS
	30					29						30	4 SNO 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 VARBL.

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

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

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
 FROM 1000 FT. OBSERVATIONS

34068 SANDHOFFEN GERMANY/COLEMAN AAF 68-70
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69			24	2629	3027	267	2721	2835	2627	1931	2526	44	
70	22	232	4121	2730	3027	2728	2627	3724	2629	3027	3224	3234	35
MEAN	23.0	41.0	26.5	34.0	26.5	26.5	32.5	26.0	24.5	28.5	38.0	35.0	41.0
S.D.													
TOTAL OBS.	29	28	59	59	62	59	62	62	58	62	59	30	629

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM 0000Z TO 0000Z)

30068 SANDHOFEN GERMANY/COLEMAN AAF 6870

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	WINDS DAYS
64	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
65	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
66	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
67	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
68	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
69	12	23/21	21	0	0	0	0	0	27/20	22/23	21/20	18/17	WINDS DAYS
	1	29	22						20	23	20	19	WINDS DAYS
												18/21	WINDS DAYS
												27	WINDS DAYS
MEAN													
S D													
TOTAL OBS													

0 DATA PROCESSING DIVISION
 1 STAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

30000 SANDHORN GERMANY/COLEMAN AAF
STATION STATION NAME

5970

ALL

ALL WEATHER
CLASS

ALL

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.7	.0	.0	.0						0.9	0.2
NNE	1.0	1.0	1.0	.0	.0	.0						4.9	0.2
NE	.0	1.0	1.4	.0	.0	.0						4.0	0.2
ENE	.0	1.0	1.1	.0	.0	.0						3.0	0.0
E	.0	1.0	.0	.1	.0	.0						2.4	0.2
ESE	.0	.7	.2	.0	.0	.0						1.0	0.0
SE	.0	1.0	.0	.0	.0	.0						1.0	0.0
SSE	.0	2.0	1.0	.0	.0	.0						4.0	0.7
S	1.1	4.1	2.2	1.9	.0	.0	1.0					12.5	7.0
SSW	.0	1.0	2.0	1.0	.0	.0	.0					0.1	0.0
SW	.0	1.0	2.0	1.0	.0	.0	.0					0.0	0.0
WSW	.0	1.0	2.0	1.0	.0	.0	.0					7.0	0.9
W	.0	2.0	2.0	1.0	.0	.0	.0		.0			0.1	0.0
WNW	.0	1.0	.0	.0	.0	.0	.0					0.0	7.0
NW	.0	1.0	.0	.0	.0	.0	.0					0.0	0.0
NNW	.0	1.0	1.0	.0	.0	.0	.0					4.1	0.3
VARBL	2.0	.0	.0									2.0	2.5
CALM												14.4	
	10.9	20.1	27.9	11.2	1.0	.0	.0		.0			100.0	0.0

TOTAL NUMBER OF OBSERVATIONS

32919

DATA PROCESS: 1 1964
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

10000 SA 20000 DERMA M/C/06E A1 248 00-70
 ALL WEATHER

WIND DIR	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	TOTAL	
N	414	317	313	19																														10000	927	
NNE	112	126	128	12	19																														10000	927
ENE	112	214	119	13	19																														10000	927
E	112	110	11	11																															10000	927
ESE	110	110	11	11																															10000	927
SE	110	110	11	11																															10000	927
SSE	110	313	117	12	19																														10000	927
S	110	313	219	219	19	19																													10000	927
SSW	110	110	217	110	12	19																													10000	927
SW	110	110	117	110	12	19																													10000	927
WSW	110	110	110	110	12	19																													10000	927
W	110	110	110	110	12	19																													10000	927
WNW	110	110	110	110	12	19																													10000	927
W	110	110	110	110	12	19																													10000	927
NNW	110	110	110	110	12	19																													10000	927
N	110	110	110	110	12	19																													10000	927
ALL	110	110	110	110	12	19																													10000	927

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34068 SW DEER GERMANY/GLEBA 4AF 60-70 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS U.S.T.

CONDITION

SPEED KNTS DIR	1 - 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	4.5	3.3	.5								10.1	6.3
NNE	1.1	2.0	1.8	.7	.1	.0						5.5	6.2
NE	.0	2.1	1.8	.4	.1							5.2	6.2
ENE	.0	1.9	1.5	.4								4.8	6.4
E	.6	.9	.2	.1								1.8	4.6
ESE	.5	.5	.1									1.0	4.7
SE	.5	.0	.4	.1								1.7	5.1
SSE	.5	2.0	1.9	.4	.0							5.4	6.4
S	.5	3.0	3.5	2.6	.2							12.9	8.2
SSW	.3	1.9	2.1	1.1	.2	.0						4.7	9.1
SW	.5	1.1	1.7	1.1	.3	.0	.1					4.5	9.4
WSW	.5	1.7	2.5	1.9	.4	.1	.0					7.0	9.4
W	.7	1.6	2.1	2.2	.7	.2	.1					7.7	10.1
WNW	.6	1.1	.8	.5	.2							3.1	7.5
NW	.7	1.2	.8	.6	.0							3.2	6.9
NNW	.7	1.7	1.2	.3	.0							4.0	6.2
VARBL	.4	.2										1.9	3.7
CALM												17.1	
	11.3	20.1	27.7	13.1	2.2	.2	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3918

ATA PROCESS: 11 151
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

34068 SA WOLFE GERMANY/COLEMAN AAF 60-70 PAR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL WEATHER
MONTH

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.5	2.7	.5	.1							7.0	6.4
NNE	.9	2.2	2.0	.5								9.6	6.5
NE	.7	2.7	2.3	.7	.0							6.8	6.8
ENE	.6	2.4	1.5	.4								4.9	5.5
E	.7	1.6	.9	.0								3.2	3.4
ESE	.7	.8	.3	.0								1.8	4.7
SE	.4	.9	.1	.0	.0							1.4	4.9
SSE	.7	1.8	.8	.2	.0							3.8	5.7
S	1.1	2.8	4.1	2.9	.2							12.1	8.7
SSW	.3	1.6	2.2	1.6	.2							6.7	8.9
SW	.3	1.3	2.3	1.2	.2	.1						5.3	8.9
WSW	.3	1.3	2.2	2.5	.3	.1	.0					7.2	10.3
W	.4	1.9	3.3	3.2	.5	.1						6.8	9.7
WNW	.6	.9	1.4	1.3	.2	.0						4.2	8.7
NW	.6	.9	1.3	1.1	.3							4.1	9.7
NNW	.6	1.7	1.7	.6	.2							4.8	7.5
VARBL	1.1	.3										1.4	2.3
CALM												12.1	
	11.4	26.6	29.2	15.6	2.4	.4	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 4552

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34062 SAIGON BE PERDIY/CLEAF AF 6277

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	1.1	2.2	2.6	1.7	1.1	1.1						7.6
NNE	1.2	2.1	2.2	1.7	1.0							7.8
NE	1.3	1.9	2.0	1.5	1.0							7.1
ENE	1.0	1.2	1.6	1.7	1.0							7.6
E	1.4	1.2	1.6	1.3								6.3
ESE	1.0	1.5	1.2	1.1								4.3
SE	1.4	1.1	1.2	1.1								5.1
SSE	1.7	2.3	1.1	1.1								5.4
S	1.1	4.3	4.6	1.4	1.1	1.1						7.3
SSW	1.3	1.9	2.2	1.3	1.2							5.9
SW	1.3	1.7	2.2	1.7	1.2	1.0						5.3
WSW	1.3	1.8	2.9	2.1	1.2							9.1
W	1.1	2.7	3.2	2.2	1.2	1.0						8.2
WNW	1.4	1.2	1.2	1.0	1.1							7.6
NW	1.3	1.2	1.7	1.2	1.1							5.6
NNW	1.7	1.2	2.2	1.2	1.1							8.7
VARBL	1.1	1.0										1.6
CALM												0.5
	11.1	30.1	31.2	16.6	1.2	1.1						100.0

TOTAL NUMBER OF OBSERVATIONS 4495

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34068 SALZGEBEN GERMANY/GLEBA AAF 60-70

YEARS

DAY MONTH

ALL WEATHER CLASS

ALL HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.4	4.0	.0								9.4	6.0
NNE	.7	1.7	1.6	.5								4.4	5.7
NE	.0	1.5	1.1	.4	.1							3.8	6.4
ENE	.0	1.2	1.0	.2								2.9	6.2
E	.0	1.1	.8	.2								3.0	5.8
ESE	.0	.8	.4	.1								2.1	4.9
SE	.4	1.3	.4	.1								2.0	4.9
SSE	1.0	2.2	1.0	.1								4.3	5.3
S	1.2	3.8	4.3	1.4	.0							10.7	7.1
SSW	.5	1.7	2.4	1.0	.0							5.7	7.4
SW	.5	2.1	2.4	1.1	.1							6.2	7.4
WSW	.7	2.1	2.9	1.7	.3							7.9	8.2
W	1.1	2.8	3.7	2.3	.3	.0						10.1	8.2
WNW	.7	1.5	1.4	.5	.1							4.3	6.9
NW	.7	1.4	1.5	.8	.0							4.3	7.2
NNW	.0	2.2	1.7	.5	.1							5.6	7.0
VARBL	1.0	.9										2.7	3.0
CALM												10.1	
	14.7	31.7	30.6	11.0	1.1	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

4568

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34068
STATION

SAIGLEBEN GERMANY/COLEMAN AAF
STATION NAME

50-70
YEARS

YEARS

MONTH

ALL WEATHER
CLASS

ALL
HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.4	3.8	.9	.0							10.1	6.7
NNE	.9	1.9	2.0	.6	.0							5.5	6.8
NE	.6	1.9	1.6	.7								4.7	7.0
ENE	.6	1.3	1.9	.4								4.4	6.7
E	.6	1.2	.8	.3								2.8	6.0
ESE	.4	.4	.4									1.1	5.2
SE	.6	1.0	.4	.2	.0							2.0	5.2
SSE	.8	2.0	1.0	.2								4.0	5.7
S	1.0	2.0	2.0	.8	.1							8.0	7.0
SSW	.3	1.7	2.0	.5	.1							4.8	7.3
SW	.4	1.7	1.8	.5	.1							4.6	7.3
WSW	.6	2.6	2.6	1.3	.1	.0						8.3	7.9
W	1.0	2.8	4.1	1.9	.3				.0			10.2	8.4
WNW	.7	1.8	1.7	.5		.0						4.7	6.7
NW	.8	1.9	1.6	.2								4.5	6.1
NNW	.8	2.8	2.2	.4	.0							6.2	6.5
VARBL	2.2	1.0										4.2	2.7
CALM												9.8	
	15.0	33.2	31.7	9.2	.9	.1			.0			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

4316

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34052 STATION NAME: SAND LUPE, GERMANY/CWLEMAN AFB YEARS: 60-70 MONTH: JUL
 CLASS: ALL WEATHER HOUR(S): 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	2.1	4.2	2.2	.4								8.4	5.7
NNE	.9	1.9	1.2	.2								4.3	5.8
NE	.0	1.4	.7	.1								2.9	5.5
ENE	.0	.7	.5	.1								1.9	5.3
E	.4	.7	.3	.0								1.3	5.2
ESE	.5	.5	.3	.0								1.3	5.0
SE	.4	1.0	.5	.0								1.9	5.3
SSE	1.1	2.1	.9	.0								4.1	5.3
S	.9	3.4	3.9	.0	.0							9.0	7.1
SSW	.4	2.0	2.2	.9	.1							5.5	7.8
SW	.7	2.0	2.5	1.3	.1							7.2	7.8
WSW	.7	2.4	4.2	2.4	.5	.0						10.3	9.7
W	1.0	3.5	4.5	2.3	.3	.1						11.7	8.3
WNW	.0	1.5	1.2	.4		.0						3.1	6.4
NW	.9	1.0	1.2	.2	.0							4.0	6.7
NNW	1.1	2.2	1.0	.2								5.4	5.9
VARBL	3.9	1.0	.0									5.6	2.8
CALM												11.2	
	10.0	33.1	28.2	9.4	1.1	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 4401

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 3406R SA BODEN GERMANY/COLENA AAF YEARS: 59-70 MONTH: ALL
 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	1.0	2.0	2.1	.3	.0							6.0	5.6
NNE	1.3	1.7	.9	.2								4.1	5.1
NE	.6	1.4	1.0	.2								3.2	6.1
ENE	.0	1.1	.7	.1								2.7	5.4
E	.9	.9	.5	.1	.0							2.4	5.4
ESE	.4	.8	.3									1.4	4.6
SE	.5	.9	.3	.0								1.8	4.6
SSE	.7	2.2	1.0	.1								4.1	5.3
S	1.3	4.6	3.2	.0	.0							11.9	6.9
SSW	.7	2.2	2.3	.7	.0							6.2	7.2
SW	.6	2.4	3.6	1.1	.2							7.9	7.9
WSW	.7	2.8	4.3	2.2	.4	.0						10.5	8.6
W	1.0	3.1	3.5	2.0	.1	.0						9.7	7.9
WNW	.6	1.0	.8	.2								2.6	6.2
NW	.5	1.2	.8	.2								2.8	6.1
NNW	.9	1.3	1.1	.2								3.7	5.7
VARBL	2.0	.7										4.3	2.3
CALM												13.0	
	17.1	21.2	28.5	8.5	.8	.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 4926

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

36008 STATION SA WUPPER GERMANY/CGLE AN AAF 59-70 YEARS SEP MONTH
 ALL WEATHER CLASS ALL HOURS U.S.T.
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.2	1.8	.2								7.5	5.3
NNE	1.1	1.7	1.4	.0								4.3	5.4
NE	1.5	1.6	1.6	.3	.0							4.5	5.9
ENE	1.1	1.5	1.1	.4	.1							4.1	6.1
E	.7	.8	.4	.2								2.1	5.7
ESE	.7	1.0	.3	.0								2.0	4.7
SE	.6	1.0	.4									2.2	4.6
SSE	1.1	2.0	1.1	.1								4.5	5.3
S	1.3	5.0	4.4	1.3	.1	.0						12.3	7.0
SSW	.5	1.9	2.5	.9	.0							5.8	7.6
SW	.4	1.7	2.3	.9	.2							5.4	8.1
WSW	.6	2.0	3.0	1.9	.2							7.9	8.4
W	.7	1.7	2.6	1.7	.1							6.8	8.3
WNW	.6	.6	.6	.4	.1							2.3	7.0
NW	.6	.6	.4	.1								1.8	5.2
NNW	.7	1.5	.7	.0								2.9	5.3
VARBL	2.5	.7										3.3	2.5
CALM												19.7	
	17.2	29.2	24.6	8.5	.5	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 4640

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

34068 SANDWIPEN GERMANY/COLEMAN AAF 59-70 LCT
STATION STATION NAME YEARS MONTH
 ALL WEATHER ALL
CLASS HOURS (L & T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.1	2.1	.4	.0							8.5	5.5
NNE	1.4	1.9	1.3	.4								4.9	5.6
NE	.6	1.7	1.5	.1								4.1	5.9
ENE	1.6	1.6	.8	.1								4.4	4.8
E	.7	.8	.4	.1								2.1	3.1
ESE	.7	.7	.2									1.6	4.1
SE	.6	.9	.3									1.6	4.7
SSE	.9	3.1	1.5	.3								5.7	5.8
S	1.7	4.6	5.2	2.4	.1							14.1	7.5
SSW	.4	2.1	2.9	.9	.1							6.4	7.7
SW	.4	1.5	2.3	1.3	.1	.0						5.7	8.1
WSW	.5	1.6	2.0	1.1	.1	.1	.0					5.7	8.1
W	1.1	1.9	1.9	.9	.1							5.9	7.0
WNW	.6	1.0	.9	.4								3.0	6.3
NW	.6	.6	.6	.2								2.3	5.8
NNW	.6	1.6	.5	.2								3.1	5.4
VARBL	2.7	.2										3.0	1.6
CALM												17.9	
	17.0	30.6	24.6	8.0	.6	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 4749

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 34068 SAIGOWEN GERMANY/COLEMAN AAF STATION NAME 59-70 YEARS

MONTH NV

CLASS ALL WEATHER

CONDITION

ALL HOURS U.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	2.2	3.5	2.1	.5								8.2	5.6
NNE	1.4	2.3	1.5	.2								5.2	5.7
NE	.9	1.8	.7	.0								3.4	5.7
ENE	1.1	1.4	.8	.1								3.4	5.1
E	1.1	.7	.3	.1								2.2	4.5
ESE	.7	.6	.2									1.5	4.0
SE	.7	.8	.3	.0								1.8	4.7
SSE	.7	2.2	2.1	.6								5.7	6.7
S	1.0	4.0	8.4	2.2	.4	.0						17.6	8.3
SSW	.5	1.7	2.5	2.7	.4	.0						7.8	8.6
SW	.4	1.2	2.2	2.0	.3	.1						6.2	8.6
WSW	.5	1.7	2.5	2.0	.2	.0						7.0	8.9
W	.9	1.2	1.8	1.2	.1	.1						5.2	8.0
WNW	.3	.6	.7	.3	.0	.0						1.9	7.0
NW	.6	.6	.3	.1								1.5	4.9
NNW	.7	1.2	.5	.1								2.5	4.9
VARBL	1.0	.3										1.9	2.3
CALM												10.8	
	15.2	26.6	26.6	13.0	1.4	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 4524

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

SURFACE WINDS

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

STATION 34068 STATION NAME SANDHOFEN GERMANY/COLEMAN AAF YEARS 59-70 MONTH DEC
 CLASS ALL WEATHER HOURS (L & 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	1.8	3.9	1.7	.4	.0							7.8	5.5
NNE	1.1	2.4	1.3	.3								5.4	5.8
NE	1.0	2.6	1.4	.4								5.4	5.9
ENE	1.1	2.0	.7	.2								4.0	5.2
E	1.4	1.3	.2	.0								2.9	4.0
ESE	.7	1.2	.2									2.1	4.3
SE	.8	1.3	.2									2.3	4.2
SSE	.9	2.3	1.4	.2								3.2	5.8
S	.9	4.6	7.0	2.9	.4	.1						19.9	8.3
SSW	.2	1.8	2.9	2.0	.3	.0						7.4	9.4
SW	.2	1.2	2.2	1.5	.3	.1						5.7	9.9
WSW	.6	1.3	2.7	1.9	.3	.2	.0					6.9	10.0
W	.6	1.3	2.3	1.3	.1	.0						3.7	8.2
WNW	.4	.4	.4	.0	.0							1.3	5.8
NW	.4	.3	.3	.1	.0							1.3	5.9
NNW	.8	1.5	.3	.1								2.8	5.0
VARBL	1.3	.2										1.4	2.0
CALM												16.3	
	14.2	30.3	25.3	11.3	2.0	.4	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 4345

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

30060 STATION SA 00000 GERMANY/COLEMAN AFB 54

YEAR

JAN
 MONTH

0000-0200
 HOURS U.T.

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	100.0											100.0	2.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												0.0	
	100.0											100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESS: 01153
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

34068 STATION SAIGON, REPUBLIC OF VIETNAM/DA NANG AAF 62-05

ALL WEATHER
 CLASS

1300-0300
 LOCAL TIME

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	4.4	1.1								12.1	7.0
NNE	2.2	4.4	4.4									11.0	5.5
NE		4.4	1.1									5.5	3.4
ENE	2.2	2.2	1.1									4.4	4.4
E													
ESE													
SE		1.1	1.1									2.2	6.0
SSE		2.2	4.4									9.9	6.3
S	1.1	4.4	9.9	3.5								20.8	8.4
SSW	1.1	1.1	7.7	1.1								11.0	7.6
SW													
WSW		3.3	1.1									4.4	3.5
W													
WNW		1.1										1.1	3.0
NW													
NNW		1.1										1.1	3.0
VARBL													
CALM												15.4	
	7.7	34.1	33.2	7.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 91

DATA PROCESSING DIVISION
 STAC/USA
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

14000

SA 0102 DEPTA V/CLLE A 010

0107

ALL WEATHER

0107

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-63	64-73	MEAN KNOTS DIR
N	1.0	2.5	2.0	.7									1.1
NNE	1.0	1.5	2.0	.1									1.2
NE	.9	2.4	1.3	.1									1.4
ENE	1.1	1.7	.5										1.4
E	1.7	.2	.2										1.5
ESE	.5	.5											1.2
SE	1.2	.9	.6										1.4
SSE	2.1	4.0	1.7	.3	.1								2.8
S	2.1	3.2	7.2	3.1	.2	.1							4.7
SSW	.3	1.4	1.7	1.1	.2	.1							1.7
SW	.0	.9	1.3	.0									1.1
WSW	.3	1.1	1.1	1.4									1.2
W	.7	.9	1.0	.6									1.0
WNW	.2	.2		.2	.1								1.1
NW	.0	.8	.1										1.1
NNW	.3	.9	.2	.1									1.1
VARBL	.9	.1											1.0
CALM													23.0
	10.4	27.9	22.4	8.3	.7	.2							100.0

TOTAL NUMBER OF OBSERVATIONS

879

1

DATA PROCESSOR 1001
 STAC/USAF
 AIR BASE/AF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

34000 SA 2 W 2 28000 Y/0000 A 100 10-70
 ALL SECTORS 0900-1100

	4 5	7 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	33 34	35 36	37 38	39 40	41 42	43 44	45 46	47 48	49 50	51 52	53 54	55 56	57 58	59 60	MEAN WIND SPEED
N	200	207	203	101																									20.2
NNE	100	109	103	101																									10.4
NE	100	109	103	101																									10.4
ENE	100	109	103	101																									10.4
E	100	109	103	101																									10.4
ESE	100	109	103	101																									10.4
SE	100	109	103	101																									10.4
SSE	100	109	103	101																									10.4
S	100	109	103	101																									10.4
SSW	100	109	103	101																									10.4
SW	100	109	103	101																									10.4
WSW	100	109	103	101																									10.4
W	100	109	103	101																									10.4
WNW	100	109	103	101																									10.4
NW	100	109	103	101																									10.4
NNW	100	109	103	101																									10.4
N	100	109	103	101																									10.4
TOTAL	1000	2000	2000	1000																									1000

TOTAL NUMBER OF OBSERVATIONS 914

DATA PROCESSING SYSTEM
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

14068 SA LEEF PERALY/OLE A WAF

61-70

ALL WEATHER

1200-1400

LOCATION

DIREC KNOTS OR	1-3	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	3.2	3.3	1.1								11.9
NNE	1.6	1.7	1.7	1.4								4.3
N-E	1.9	2.1	1.9	1.7								6.2
ENE	1.0	1.7	1.7									3.3
E	1.1	1.5	1.1									2.1
ESE	1.7	1.4	1.1									1.2
SE	1.0	1.9	1.0									1.9
SEE	1.1	2.0	2.1	1.1								5.8
S	1.0	3.9	6.9	2.7	1.4	1.1						14.6
SSW	1.1	1.0	2.1	2.1	1.4	1.1						6.4
S-W	1.3	1.9	1.5	1.1	1.1	1.1						4.2
WSW	1.0	1.2	1.9	1.1	1.4	1.1	1.1					5.4
W	1.4	1.7	2.2	1.9	1.1	1.1	1.2					4.7
WNW	1.7	1.1	1.0	1.2	1.1							1.7
NW	1.7	1.6	1.1	1.3								1.7
NNW	1.1	2.1	1.1	1.1								4.5
VARBL	1.1	1.1										1.2
CALM												19.1
	14.2	27.2	29.0	11.5	1.9	1.4	1.3					100.0

TOTAL NUMBER OF OBSERVATIONS

390

DATA PROCESSING CENTER
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34263 STATION SA W 0000 GERMANY/COLEMAN AFB 00-70
 STATION NAME CLASS
 ALL WEATHER
 1500-1700

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.7	3.3	1.1								11.3	5.4
NNE	1.2	1.5	1.5	.2								4.5	6.1
NE	.9	2.2	2.4	.4								5.9	6.2
ENE	1.1	2.6	1.3									4.9	5.2
E	.9	1.3	.4									2.6	4.2
ESE	.4	.5	.2									1.1	4.7
SE	.4	.9	.1									1.6	4.2
SSE	.9	2.6	1.2	.1								4.8	5.5
S	1.9	4.2	5.6	2.8	.4		.1					15.7	8.7
SSW	.2	1.8	3.2	1.6	.2	.1						7.2	9.7
SW	.1	.9	1.9	2.0	.1	.1						5.2	10.5
WSW	.4	.5	2.1	.8	.5							6.6	9.1
W	1.1	1.5	2.2	1.3	.2							6.3	7.7
WNW	.6	1.1	.9									2.1	5.1
NW	1.1	.8	.1	.1								2.1	4.4
NNW	1.1	1.6	.8	.2								3.8	5.4
VARBL	1.2											1.2	1.9
CALM												16.1	
	15.3	29.1	27.0	10.7	1.4	.2	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 851

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

24008
STATION

SA LOREN GERMANY/COLEMAN AFB
STATION NAME

11-70
YEAR

WAB
UNIT

ALL WEATHER
CLASS

1800-2000
HOURS

CONDITION

SPEED (KNTS): DIR:	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	1.3	.3								7.8	4.7
NNE	1.6	1.3	.8									2.7	4.0
NE	2.1	2.9	.8									5.7	4.6
ENE	1.6	2.9	1.0	.3								5.7	4.9
E	1.3	.6	.3									2.2	3.4
ESE	.3	1.3	.2									1.7	4.8
SE	.3	.6	.2	.4								1.4	5.8
SSE	1.0	3.3	.8									5.7	4.6
S	1.3	5.9	5.7	2.4	.2							15.6	7.8
SSW	.8	2.1	4.2	1.4								8.8	7.8
SW	.5	.6	2.9	1.8								4.9	8.3
WSW	.3	1.9	3.3	.9								6.2	7.8
W	.8	1.7	1.3	.3								4.1	6.1
WNW	.0	.6	.2	.2								1.9	5.8
NW	.0	.2	.2									1.2	4.3
NNW	.8	.3	.6									1.7	4.8
VARBL	1.9	.2										1.7	2.2
CALM												20.6	
	19.2	29.2	23.8	6.7	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

630

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34068 STATION NAME SA LUFEW GERMANY/CULEKAN AAF YEARS 61 MONTH AS
 CLASS ALL WEATHER HOURS (LST) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		5.3	5.3									10.6	6.0
NNE			5.3									10.6	3.5
NE	5.3	5.3										10.6	3.5
ENE													
E		5.3	5.3									10.6	6.0
ESE		5.3										5.3	4.0
SE													
SSE	5.3	10.6										15.9	4.7
S			21.1									21.1	9.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												21.1	
	10.6	21.1	36.4									100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 19

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34008 SA LOUPE, GERMANY/COLEMAN AAF STATION NAME: SA LOUPE, GERMANY/COLEMAN AAF YEARS: 62-65 MONTH: FFB
 CLASS: ALL WEATHER HOURS: 0300-0500
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.9	2.4	2.4								13.4	6.4
NNE	1.2	7.3		1.2								9.8	5.5
NE		4.9	2.4									7.3	5.9
ENE	1.2	4.9										6.1	4.8
E													
ESE													
SE		2.4	1.2									3.7	3.7
SSE		2.4	1.2									3.7	3.7
S	2.4	2.7	1.2	2.4								9.8	6.9
SSW				1.2								1.2	12.0
SW		3.7	1.2	1.2								6.1	7.8
WSW		1.2	1.2									2.4	4.5
W		1.2	1.2									2.4	4.5
WNW		3.7	2.4									6.1	6.0
NW		1.2	1.2	1.2								3.7	9.3
NNW			2.4									2.4	8.5
VARBL													
CALM												24.4	
	9.8	40.2	17.1	9.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 82

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

1

SURFACE WINDS

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

34060
STATION

SAARBRÜCKEN GERMANY/OWLE AFB
STATION NAME

60-70
YEARS

FFB
MONTH

0600-0900
HOURS U.S.T.

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.5	3.2	.0								9.1	6.2
NNE	2.1	2.1	1.1									5.4	4.0
NE	1.1	3.2	.9	.2								5.5	5.2
ENE	.5	1.0	.9									2.7	5.2
E	.9	.4	.1									1.4	3.6
ESE	.5	.4										.9	3.4
SE	.2	2.5	.5									3.0	5.0
SSE	2.1	4.5	2.9	.2								9.6	5.5
S	.0	3.4	6.1	1.9								12.0	7.9
SSW	.2	.0	1.9	1.0	.2							4.0	9.3
SW	.2	1.2	1.2	1.0	.1							3.9	8.5
WSW	.2	1.7	2.4	2.1	.2							6.7	9.3
W	.5	1.0	1.0	1.2	.4	.2	.2					4.6	10.9
WNW	.6	.9	.5	.1	.2							1.9	8.0
NW	.4	.1	.1	.0								1.2	5.4
NNW	.7	.0	.2	.1								1.7	4.8
VARBL	.2	.1										.4	3.3
CALM												26.1	
	12.9	27.2	22.4	9.2	1.2	.2	.2					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

801

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34068 SA DUFFEL GERMANY/COLEMAN AAF 60-70 FEB 1960-1100
STATION STATION NAME YEARS MONTH HOURS - L.S.T.

ALL WEATHER
CLASS

CONDITION

SPEED KNTS; DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	3.3	.5								10.4	5.2
NNE	.4	2.3	1.9	.2		.1						6.1	6.7
NE	.0	1.9	1.9	.4	.1							4.9	6.5
ENE	.0	1.5	1.2	.4								3.9	5.8
E	.0	.5	.1									1.5	3.2
ESE	.1	.5										.6	4.0
SE	.5	.5	.4									1.9	4.7
SSE	.4	2.6	2.2	.7								5.0	6.2
S	1.1	3.5	6.2	2.2	.4							15.6	7.9
SSW	.4	1.6	1.8	1.4	.4	.1						5.6	9.2
SW	.2	1.9	1.8	1.1	.5	.1						4.5	10.1
WSW	.4	1.4	2.5	1.5	.2							6.7	9.0
W	.5	1.5	1.6	2.3	.5	.2	.1					7.5	10.4
WNW	.0	.5	.5	.5	.1							2.5	7.4
NW	.6	1.5	.2	.2								2.6	5.6
NNW	.5	1.6	.6	.2								3.3	5.4
VARBL	.4											.4	2.3
CALM												17.7	
	10.7	32.4	25.7	12.8	2.1	.6	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 833

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

34058
 STATION

SA DOWEN GERMANY/OWLETA AAF
 STATION NAME

62-70
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS/LEAST

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	5.3	5.2	1.3								12.4	5.2
NNE	.4	1.6	1.8	.7								4.4	7.8
NE	1.0	1.1	1.7	.0	.4							4.7	9.0
ENE	.2	.7	1.7	.5								3.1	8.0
E	.6	1.0	.4	.2								2.2	5.6
ESE	.4	.2	.2									.8	4.9
SE	.4	.4	.2									1.7	4.9
SSE	.2	1.8	1.7	.5	.1							4.9	7.4
S	.0	3.4	6.5	4.0	.1							14.8	8.6
SSW	.1	1.1	1.9	.8								4.0	8.6
SW	.2	.8	1.2	1.2	.5		.2					4.2	11.1
WSW	.5	2.3	1.9	2.5	.0	.1	.1					8.9	10.3
W	1.0	1.3	2.2	2.6	1.0	.4						8.4	10.6
WNW	.0	.0	1.1	.7	.2							3.9	8.4
NW	1.0	1.4	.7	.6	.1							4.1	7.4
NNW	.0	2.5	2.2	.6	.1							6.4	6.8
VARBL	.7	.1										1.8	2.3
CALM												12.9	
	9.7	25.8	30.6	17.2	3.4	.5	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

833

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34068 SAND LIEFEN GERMANY/COLEMAN AAF STATION NAME 60-70 YEARS FEB MONTH 1900-1900 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	1.1	4.3	3.6	1.1								10.1	6.2
NNE	1.4	1.4	2.3	1.0	1.1							4.9	7.9
NE	1.5	2.0	2.9	1.4								5.9	6.9
ENE	1.5	1.0	2.9	1.0								4.9	7.8
E	1.1	1.9	1.5									1.5	6.1
ESE	1.0	1.0										1.4	3.9
SE	1.4	1.4	1.5	1.3								1.5	6.4
SSE	1.0	1.3	1.4	1.1								3.9	6.3
S	1.0	3.0	4.1	2.6	1.1							10.6	8.6
SSW	1.5	1.0	2.4	1.4	1.5							5.4	9.4
SW	1.0	1.0	2.0	1.1	1.1							4.3	9.4
WSW	1.0	1.3	3.1	1.6	1.5	1.1						7.4	9.3
W	1.4	1.5	2.9	3.5	1.0	1.1						9.7	10.2
WNW	1.0	1.9	1.3	1.0	1.5							5.0	7.9
NW	1.5	1.3	1.3	1.3								4.0	7.3
NNW	1.9	2.5	2.1	1.4								5.9	6.4
VARBL	1.1	1.3										1.6	4.4
CALM												12.2	
	9.0	20.1	33.3	15.7	2.6	1.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 796

DATA PROCESS: DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34068
STATION

SA WOLFE - GERMANY/COLEMAN AAF
STATION NAME

62-70

FEB

ALL WEATHER
CLASS

1800-2000
TIME PERIOD

CONDITION

SPEED KNTS DIR	1-3	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	4.2	2.5	2.2								4.3	4.4
NNE	1.1	2.2	2.4	1.1								6.8	7.2
NE	1.7	2.2	1.4	2.5								4.9	6.1
ENE	2.1	4.3	1.3	1.6								7.4	8.0
E	1.3	1.0										2.9	3.8
ESE	1.9	1.5	1.2									1.4	3.9
SE	1.7	1.5	1.2									1.4	3.6
SSE	1.3	1.9	1.0	1.7								3.1	7.8
S	1.9	3.4	4.7	2.1	1.2							11.2	7.8
SSW	1.4	1.3	2.9	1.1								4.9	8.7
SW	1.5	2.2	3.1	1.1	1.6							7.1	7.7
WSW	1.2	1.3	2.7	1.0	1.2							6.3	8.7
W	1.9	3.3	3.1	1.7	1.4							9.4	8.8
WNW	1.1	1.9	1.4	1.2								2.5	5.1
NW	1.1	1.3	1.8	1.2								4.3	6.1
NNW	1.4	1.4	1.3									2.4	5.5
VARBL	1.9											1.4	2.5
CALM												16.3	
	12.1	30.4	26.8	9.6	2.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

553

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34068
STATION

SA 270000 GERMAN Y/COLEMAN AAF
STATION NAME

62-64
YEARS

YEARS

AR
MONTH

0300-0500
HOURS - L. ST.

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	5.4	4.1	5.4									14.9	5.2
NNE	2.7	5.4	4.1									12.2	5.6
NE	2.7	1.4	4.1									8.1	5.7
ENE	4.1	1.4										5.4	3.3
E	1.4											1.4	3.0
ESE		1.4										1.4	3.0
SE	1.4	8.1										9.5	4.5
SSE			5.4									5.4	8.0
S	1.4	4.1	4.1									9.5	6.6
SSW	1.4	1.4	1.4									4.1	6.0
SW			1.4									1.4	9.0
WSW		4.1		1.4								5.4	7.5
W		2.7										2.7	4.5
WNW													
NW			1.4									1.4	9.0
NNW		1.4										1.4	6.0
VARBL													
CALM												16.2	
	20.3	35.1	27.0	1.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

74

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 3406E SA DORFER GERMAN/CLEMENS AFB 60-70 YEARS
 CLASS ALL FEATHER
 MONTH 09-10
 HOURS 00-07
 CONDITION

SPEED KNTS) DIR.	1 - 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	4.6	2.7	.1								9.7	5.4
NNE	1.7	3.8	1.3									4.7	5.7
NE	1.1	3.7	1.4	.3								6.4	5.6
ENE	.7	1.9	.9	.1								3.4	5.4
E	1.5	1.9	.5									3.9	4.2
ESE	.2	.4	.1									1.9	3.9
SE	.2	.7	.1		.1							1.2	5.9
SSE	1.4	3.7	.9	.5								6.5	5.6
S	1.9	2.8	2.9	2.3	.1							10.6	7.7
SSW	.2	2.2	2.8	1.4	.1							6.7	8.2
SW	.2	1.1	1.4	.7	.2							3.7	8.6
WSW	.5	1.7	2.4	2.2	.3							7.2	9.2
W	.7	1.3	2.0	1.4	.3							5.7	9.7
WNW	.2	.3	.3	.1								1.1	6.7
NW	.2	.7	.3	.5	.1							1.9	8.2
NNW	.2	1.7	1.1	.2								3.2	6.5
VARBL	.4											.4	1.5
CALM												21.9	
	13.4	31.0	22.0	10.0	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 94

DATA PROCESSING DIVISION
 ETAG/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

24068
STATION

SANDWICH ISLAND/COLEMAN AFB
STATION NAME

60-70
YEAR

AR
MONTH

ALL WEATHER
CLASS

0900-1100
PERIOD

CONDITION

SPEED KNTS) DIR	1-3	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	4.7	3.2	1.2								9.7	6.0
NNE	1.1	2.3	1.8	.9								6.1	6.2
NE	.6	3.1	2.3	.6								6.3	6.5
ENE	.7	1.7	1.6	.4								4.9	6.6
E	.3	1.7	1.2	.2								3.4	6.4
ESE	.2	.2	.5									.9	6.9
SE	.4	.6	.1	.1								1.2	5.6
SSE	.3	1.6	1.2	.1								3.4	5.9
S	1.2	3.4	5.5	2.4	.3							12.8	8.1
SSW	.2	1.6	2.1	1.5	.1							5.2	9.5
SW	.4	1.9	2.8	.5								5.9	7.5
WSW	.2	1.7	2.2	2.2	.4		.1					6.7	10.1
W	.4	1.7	3.3	2.1	.2	.2						7.9	9.5
WNW	.7	1.2	.9	.5	.2							3.9	7.7
NW	.6	1.5	.7	1.2								3.4	8.1
NNW	1.1	1.1	1.2	.4								3.9	6.2
VARBL	.8	.3										1.1	2.3
CALM												13.0	
	11.3	29.1	30.6	14.4	1.2	.2	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

966

1
 DATA PROCESSING UNIT
 STAC/JSAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

34066
 STATION

SA...
 STATION NAME

63-70
 YEAR

AR
 MONTH

ALL WEATHER
 CASE

1200-1400
 TIME PERIOD

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	71	MEAN WIND SPEED
N	10	31	21	10								41	7.1
NNE	10	22	20	13								51	6.9
NE	14	19	24	12	11							61	7.3
ENE	11	24	17	10								52	6.3
E	11	10	19									19	6.0
ESE	17	13	13	11								24	6.0
SE	13	12	11									19	6.0
SSE	13	12	17	13								23	6.0
S	11	31	44	25	11							11	6.5
SSW	14	17	19	19	10							12	6.5
SW	10	11	16	14	10	13						51	6.5
WSW	11	11	21	20	14	13						66	11.2
W	13	14	18	33	13	11						12	10.6
WNW	17	18	12	19	12	11						43	9.1
NW	10	17	21	15	12							43	6.1
NNW	13	19	22	14	13							64	6.1
VARBL	20	15										33	2.9
CALM												60	0.0
TOTAL	1000	205	309	210	200	80						1000	7.8

TOTAL NUMBER OF OBSERVATIONS

944

DATA PROCESS: 11-15-11
 STAC/USAF
 AIR EAT OF SERVICE/STAC

1

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

SURFACE WINDS

34068 SA 21-08 PERM V/CLELAF AAF

62-70

ALL WEATHER

1570-1700

STATION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	04	2.7	2.6	1.2	0.2							7.1	7.7
NNE		1.9	2.1	1.5								4.7	7.2
NE	07	2.4	3.8	1.1								8.1	7.2
ENE	04	2.9	2.5	1.3								5.9	7.0
E	01	2.2	1.2									3.3	6.8
ESE	07	1.4	0.4									2.8	4.1
SE	01	1.5	0.2									1.1	4.1
SSE	09	1.2	0.5	0.1								2.1	5.7
S	09	1.4	3.8	1.2	0.3							3.3	3.6
SSW	06	1.3	2.1	1.9	0.3							6.1	9.2
SW	02	1.2	2.3	1.9	0.4	0.1						2.7	9.2
WSW	03	1.2	1.4	3.1	0.9	0.3	0.1					7.7	11.4
W	1.2	2.3	3.4	4.7	1.1							12.8	12.1
WNW	03	1.2	2.6	1.9	0.7	0.1						6.9	9.9
NW	04	1.1	1.4	2.2	0.4							3.6	9.8
NNW	01	1.9	2.7	0.7	0.1							3.3	8.2
VARBL	09	0.7										1.3	2.9
CALM												6.1	
	7.1	27.7	33.2	20.9	4.4	0.5	0.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

912

DATA PROCESSING DIVISION
 STAC/CRF
 AIR WEATHER SERVICE/140

SURFACE WINDS

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

34002
 STATION

SHAWNEE PERMALY/COLE AFB

61-70

140

ALL WEATHER
 CLASS

1800-2000

000000

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	07	203	209	02	00							4.1	6.7
NNE	07	19	203	00								4.2	7.0
NE	07	202	104	04	01							4.0	6.3
ENE	104	304	100	00								5.0	6.1
E	104	204	03									4.1	4.1
ESE	104	04	00									2.4	3.0
SE	104	04										1.1	3.1
SSE	104	100	01									2.7	3.3
S	00	300	200	07								5.2	4.9
SSW	00	100	107	100								4.1	8.1
SW	00	100	309	100	00							5.1	8.9
WSW	00	100	300	20	00							9.1	9.6
W	100	207	407	200	04	01						12.1	8.8
WNW	07	100	200	101	00							5.1	8.1
NW	101	07	109	04	100							10.2	8.9
NNW	101	200	101	04	04							10.3	6.9
VARBL	00											1.0	1.2
CALM												11.0	
	15.4	28.0	29.7	11.0	2.9	0.1						102.0	6.3

TOTAL NUMBER OF OBSERVATIONS

696

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

14068
STATION

SANDWIPER GERBANY/COLEMAN AAF
STATION NAME

61
YEAR

AR
MOON

2100-2300
MOON PERIOD

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													
NNE													
NE		5.0										5.0	6.0
ENE													
E													
ESE													
SE													
SSE													
S	5.0	10.0	5.0	5.0								25.0	6.8
SSW		10.0										10.0	5.0
SW													
WSW				15.0								15.0	13.0
W													
WNW													
NW			5.0									5.0	8.0
NNW		5.0	5.0									10.0	7.0
VARBL													
CALM												30.0	
	5.0	20.0	15.0	20.0								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 20

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

24068
STATION

SAFETY FIELD GERMANY/COLEMAN AAF
STATION NAME

62-64
YEARS

APR
MONTH

ALL WEATHER
CLASS

0810-0500
HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.2	3.4									9.2	5.2
NNE	1.7	1.7	.8									4.2	4.4
NE	.0	1.7	1.7									4.2	3.2
ENE			.8									1.0	7.2
E	1.7	.0										2.5	3.3
ESE	1.7	1.7	.8									4.2	4.6
SE	.0	4.2	.8									5.9	3.0
SSE	.0	5.0	.8	.0								7.4	6.7
S		5.0	5.0	.0								10.9	6.5
SSW	1.7	.8	.8									3.4	4.2
SW		.8	3.4	.0								5.0	6.5
WSW		1.7	.8	.0								3.4	6.5
W	.0		1.7									2.5	7.0
WNW													
NW	.0	.8	5.0									6.7	7.1
NNW	.0	2.5	1.7									5.0	3.0
VARBL													
CALM												24.4	
	13.4	31.1	27.7	3.4								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

119

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34065 NAME: SAND HORN GERMANY/CELESTIAN AFB CLASS: 40-70 MONTH: APR
 STATION NAME: SAND HORN GERMANY/CELESTIAN AFB CLASS: ALL WEATHER MONTH: 0600-0800
 HOURS: 0600-0800

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	4.3	3.0	1.5								11.7	5.4
NNE	.0	3.6	2.3	.2								4.8	6.2
NE	2.2	2.2	1.3	.1	.1							5.6	5.1
ENE	.0	.2	.3									1.5	4.1
E	.4	.1										.8	2.2
ESE	.0	.1										.9	2.6
SE	1.1	1.8	.1	.1								3.1	4.6
SSE	2.1	3.6	1.4									6.3	4.8
S	1.2	4.9	3.0	1.2								12.2	6.8
SSW	.4	1.7	1.7	.4	.1							4.3	7.1
SW	.3	2.1	2.2	.9								5.4	7.5
WSW	.3	1.6	3.4	1.1	.2							6.6	8.4
W	1.1	2.5	1.0	.7								5.9	5.9
WNW	.2	.4	.5	.1								1.3	6.3
NW	.4	.0	1.1	.9	.1							3.3	8.3
NNW	1.2	1.1	1.4	1.2								5.2	7.0
VARBL	.9											1.9	2.0
CALM												19.7	
	16.4	31.1	24.7	8.3	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 923

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

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

SURFACE WINDS

34069 SAUNDERS GERMAN Y/COLEMAN AAF 60-70

YEARS

MPA
 MONTH

ALL WEATHER
 CLASS

1960-110
 HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	5.0	5.6	1.5	.1							12.9	7.4
NNE	.9	1.7	1.8	1.1								5.1	7.3
NE	.9	1.7	2.2	1.3								5.5	7.9
ENE	.9	.8	1.5	1.0								3.8	8.7
E	.1	.7	.3	.2								1.4	6.3
ESE		.2	.2									.5	6.7
SE	.1	.2		.1								.4	5.8
SSE	.7	1.7	1.6									4.0	6.7
S	1.4	6.2	5.5	1.5								14.4	6.9
SSW	.1	1.2	1.7	1.9								5.2	9.1
SW	.4	1.8	2.2	1.8	.1							6.5	9.3
WSW	.4	2.0	2.2	1.5	.1							7.2	8.6
W	1.3	2.5	2.8	2.1	.1							8.8	7.8
WNW	1.1	1.7	.4	.5								3.6	5.9
NW	.3	.7	1.2	.5								3.2	8.0
NNW	1.1	1.5	2.6	1.2								6.2	7.6
VARBL	1.2	1.0										2.2	3.7
CALM												9.1	
	10.4	30.9	33.0	16.3	.4							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

945

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34068
STATION

SA DUMBE GERRARDY/CULLEGAN AAF
STATION NAME

60-70
YEARS

10R
MONTH

ALL WEATHER
CLASS

1200-1400
HOURLY PERIOD

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	4.4	2.7								1.7	8.4
NNE	.2	1.7	1.9	1.1								5.1	8.2
NE	.3	1.6	2.2	1.3								5.6	8.4
ENE		.8	1.9	1.5								4.2	9.4
E	.1	.9	1.0	1.2								2.1	7.3
ESE		.3	.1	.1								.5	7.2
SE	.1	.8	.2	.1								1.2	6.3
SSE	.3	1.5	1.1	.1								3.2	5.9
S	.6	3.0	4.6	2.1	.2	.1						10.7	8.5
SSW	.3	2.3	2.4	1.9								6.9	8.4
SW	.3	2.4	1.8	2.5	.2							7.5	8.9
WSW	.3	1.6	2.6	3.2	.5							8.3	10.2
W	1.1	3.1	3.6	3.1	.9	.1						11.4	8.9
WNW	.1	1.3	1.7	1.1	.1							4.3	8.7
NW	.3	1.4	2.2	1.4								5.3	8.5
NNW	.3	1.3	2.5	1.7	.2							6.1	8.9
VARBL	1.1	1.2										2.3	3.3
CALM												4.0	
	6.9	27.8	34.3	24.4	1.0	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

925

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34005
STATION

SAALFELDEN GERMANY/GLENNAN AFB
STATION NAME

62-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	2.8	2.4	.1	.1						8.7	8.4
NNE	.2	1.1	2.5	1.7	.2							8.7	9.2
NE	.3	1.9	2.1	.9								5.3	7.4
ENE	.3	1.0	2.1	.9	.1							4.5	8.6
E	.0	1.3	.9	.0								3.8	7.2
ESE	.4	.8	.3									1.6	4.7
SE	.3	.9	.2									1.6	4.9
SSE	.0	1.9	.7	.1								3.3	5.6
S	.3	3.1	3.6	1.2								8.3	5.0
SSW	.2	2.1	2.4	1.6	.0							6.8	9.3
SW	.4	1.2	2.5	2.4	.3	.2						7.1	10.0
WSW	.6	1.9	2.8	3.1	.2							8.6	9.5
W	1.0	2.2	4.4	3.5	.0							12.2	9.6
WNW	.0	1.1	2.4	1.2	.2							5.5	8.7
NW	.1	.0	2.0	1.5	.2							4.7	10.1
NNW	.4	1.2	2.2	1.5	.1							5.7	8.7
VARBL	1.1	.7										1.8	3.4
CALM												5.0	
	8.2	20.5	34.0	23.1	2.9	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

892

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION: 34069 SA DUFFEL GERMANY/CELEMAN AAF STATION NAME: 60-70 YEARS: APR MONTH: 1800-2000 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	1.2	3.0	1.9	1.4	.1							7.5	7.1
NNE	.2	1.0	1.7	.0								4.2	7.1
NE	.0	2.0	2.2	.4								5.8	6.7
ENE	1.7	2.3	2.2	.3								6.5	5.7
E	1.1	2.3	1.3	.1								4.8	5.6
ESE	1.7	1.2										2.9	3.4
SE	.4	1.0	.1	.1								2.3	4.9
SSE	.4	2.3	.1	.1								3.2	3.1
S	1.6	4.1	3.9	.7	.1							10.6	6.9
SSW	.4	2.0	3.3	.7	.1							6.7	7.6
SW	.7	1.0	1.9	.9	.1							4.6	7.8
WSW	.9	1.0	2.7	1.9	.1							7.2	8.4
W	1.3	3.0	4.8	1.7								11.4	7.3
WNW	.3	1.0	1.0	.3								3.2	6.7
NW	.3	2.3	1.4	1.6	.4							6.2	8.4
NNW	.3	2.0	2.3	.0	.3							5.5	8.1
VARBL	.7											1.7	2.0
CALM												6.7	
	13.7	35.5	31.0	11.7	1.4							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 691

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

STATION 3406P SANDROBEY GERMANY/COLEMAN AFB STATION NAME 60-64 YEARS
 MONTH MAY
 CLASS ALL WEATHER HOURS U.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	.0	10.1	2.5									13.4	5.2
NNE	.0	2.5										3.4	4.3
NE		4.2										4.2	4.2
ENE													
E													
ESE	2.5	.8										3.4	3.7
SE		1.7										1.7	4.7
SSE		2.5	1.7									4.2	6.2
S	.0	2.5	.6									4.2	5.2
SSW	2.4	2.5	1.7									7.6	5.1
SW	.0	3.4	2.5	.0								7.6	6.7
WSW		4.2	2.5									6.7	6.5
W		1.7	2.5									4.2	6.4
WNW				.0								.6	12.7
NW		.0	.6									1.7	6.5
NNW		.0										.0	4.0
VARBL													
CALM												36.1	
	9.2	37.8	15.1	1.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

14066
STATION

SAND LEEB BERNALTY/CLEAF AAF
STATION NAME

60-72
YEARS

DAY
MONTH

ALL WEATHER
CLASS

0000-0800
TIME PERIOD

CONDITION

SPEED (KNTS): DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	5.4	2.4	.4								11.3	3.2
NNE	1.5	1.6	1.0	.2								4.3	2.3
NE	1.6	1.2	.4	.1								3.6	4.2
ENE	.8	.5	.4									1.6	5.1
E	.9	.4	.1									1.4	3.5
ESE	1.1	.2	.2									1.5	3.7
SE	.3	1.0										1.3	4.1
SSE	2.1	2.8	.7									5.7	4.3
S	2.0	4.9	4.8	.5	.1							12.4	6.3
SSW	.4	1.8	2.2	.7								5.2	7.5
SW	.0	2.4	1.7	.6	.1							5.5	7.0
WSW	.0	2.0	2.8	.5	.2							6.2	7.6
W	1.5	2.4	3.0	.5	.1							7.5	6.6
WNW	1.1	.7	1.1	.2								3.1	5.6
NW	.7	.9	1.4									3.0	5.6
NNW	1.2	2.2	1.0	.1								4.5	4.8
VARBL	1.0	.1										1.1	2.2
CALM												20.8	
	20.6	30.8	23.2	4.1	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

934

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

SURFACE WINDS

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

34288 STATION SAIGON (BERMUDA Y/DLETA AAF) 60-70 YEARS
 ALL WEATHER CLASS 1970-1970

SPEED KNTS D.R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.7	4.9	.4								10.6	6.0
NNE	1.1	1.1	1.8	.4								4.4	6.6
NE	.0	1.4	.8	.2								3.2	5.6
ENE	.2	.9	.9									2.1	5.4
E	.4	.0	.9	.3								2.3	7.3
ESE	.3	.7		.1								1.4	4.4
SE	.3	1.4	.4									2.1	5.0
SSE	.0	1.8	.7	.1								3.2	5.3
S	1.1	4.7	4.8	1.6								12.1	7.2
SSW	.1	1.6	2.9	1.1								5.7	8.4
SW	.9	2.2	2.9	.5								6.9	6.9
WSW	.0	2.4	2.7	2.4	.0							8.7	8.9
W	.5	2.8	2.7	2.0	.3							8.6	8.0
WNW	.4	1.9	1.7	.5	.1							4.3	7.3
NW	1.0	2.3	1.1	1.2								5.7	6.9
NNW	.9	2.2	1.8	.8								5.7	6.0
VARBL	2.7	1.2										4.0	2.9
CALM												9.0	
	14.1	92.8	31.1	12.1	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 960

USAFETAC FORM 34 0-5 (2) 1-65. ALL INFORMATION ON THIS FORM ARE UNCLASSIFIED

DATA PROCESS: 11/15/10
 ETAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

3405A
STATION

SEATTLE TERRY/CLUB H IAF
STATION

62-70
YEARS

YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS U.S.T.

LONDON

SPEED KNTS DIR	1-3	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	4.6	1.3								9.3	4.2
NNE	.5	.7	1.7	.7								2.5	4.5
NE	.4	1.1	1.6	.4	1.1							3.8	7.6
ENE	.3	1.4	1.0	.5								3.2	5.7
E	.5	1.1	.5	.5								2.6	6.8
ESE	.1	.0	1.0	.1								1.8	7.8
SE	.4	1.9	.5									1.7	5.8
SSE	.5	1.0	1.1	.2								3.7	6.4
S	.7	3.4	4.6	1.9								10.6	7.8
SSW	.9	1.0	2.3	1.0								6.1	8.2
SW	.1	2.0	3.1	1.6	1.1							7.5	8.2
WSW	.7	2.6	3.7	2.1	.2							9.5	8.7
W	1.5	3.1	4.1	3.5	.0	1.1						12.8	8.9
WNW	1.5	2.1	1.0	.4								4.4	6.5
NW	.5	1.0	2.3	1.2								5.1	8.1
NNW	.7	2.6	2.1	1.0	.2							6.7	7.4
VARBL	2.0	1.5										4.7	3.3
CALM												4.3	
	12.4	29.6	33.5	17.2	1.4	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

944

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

3426A SAIGON, GERMANY/C. LEA AAF 11-70

AY
 1500-1700

ALL WEATHER

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	4.0	1.4								9.7	7.7
NNE	1.1	2.1	1.9	1.7								4.7	7.3
NE	1.0	1.6	1.3	1.7	1.2							4.7	7.3
ENE	1.0	1.1	1.2	1.3								3.7	7.3
E	1.0	1.3	1.4	1.2								3.0	6.7
ESE	1.0	1.2	1.7	1.1								2.4	5.3
SE	1.2	1.9	1.4	1.1								1.4	6.1
SSE	1.0	2.7	1.5	1.1								1.2	5.1
S	1.0	3.2	4.4	2.1								1.3	3.1
SSW	1.0	1.9	3.1	1.1	1.2							6.9	8.1
SW	1.0	1.4	1.5	1.1	1.2							4.5	8.1
WSW	1.7	1.5	2.9	2.6	1.3							7.5	9.9
W	1.6	2.7	4.8	2.9	1.4							11.3	9.1
WNW	1.7	2.1	2.7	1.0	1.2							6.5	7.7
NW	1.0	1.5	1.6	1.7	1.2							5.7	7.6
NNW	1.0	2.0	2.2	1.5	1.1							6.1	8.3
VARBL	1.4	1.4										2.9	3.5
CALM												4.4	
	11.6	29.6	36.1	16.7	2.0							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 911

DATA PROCESS: DIVISION
 ETAC/USAF
 AIR EAT EP SERVICE/MAC

1

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

SURFACE WINDS

14058 SA 20 FEB 68 0415Z 68 44 61-70

ALL WEATHER

1800-2000

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	3.1	.7								3.1	6.7
NNE	.4	3.4	1.9	.1								3.0	5.2
NE	.9	2.0	1.4	.1								4.4	5.1
ENE	1.7	2.3	1.7									5.7	5.2
E	1.9	2.4	1.4	.1								5.0	5.1
ESE	1.4	1.9	.4									3.7	4.2
SE	1.1	2.4	.4									4.0	4.1
SSE	1.1	1.9	.9	.1								3.0	5.1
S	1.4	3.0	3.1	.9								8.4	6.4
SEW	.1	1.4	1.3	.7								3.4	7.8
SW	.0	1.7	2.9	1.3								6.4	7.8
WSW	1.1	2.3	2.4	.0	.1							6.4	5.1
W	1.1	3.4	4.0	3.1								11.6	7.9
WNW	.7	1.3	.9	.7	.1							3.4	7.4
NW	.4	1.7	1.1	.0								3.9	7.0
NNW	.7	1.9	1.7	.9	.1							5.3	7.8
VARBL	1.3	.1										1.4	2.3
CALM												.0	
	17.1	30.1	28.7	9.9	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

700

1

DATA PREPARED BY: [unclear]
 STAC/USAF
 AIR EAT [unclear]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

34050 SA - FEB 1950/QUEBEC AF 61-03

ALL WEATHER

1950-0507

SPEED KNOTS DIR	0	4-5	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	56	MEAN WIND SPEED
N	2.9	3.9										4.0
NNE	1.9	1.9	1.0									2.0
NE	1.9	3.9										4.0
NNE			1.0									2.0
E												2.0
ESE	1.9											2.0
SE	2.9	4.9	1.0	1.0								4.0
SSE	2.9	4.9										4.0
S	1.9	2.9	2.9									4.0
SSW												4.0
SW	1.9	3.9	2.9									4.0
WSW		1.9		1.0								2.0
W		1.9	1.0									2.0
WNW	1.9	1.9	1.0									2.0
NW			1.0	1.0								2.0
NNW	1.9	1.9	1.9									2.0
VARBL												3.0
CALM												3.0
	12.4	29.1	11.7	2.9								100.0

TOTAL NUMBER OF OBSERVATIONS

103

DATA PROCESSING UNIT
 STAC/LS-4
 AIR EAT BE TICE/TAC

SURFACE WINDS

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

34008
 STATION

SA W LFE BERNAL Y/CALLETA AAF
 STATION NAME

52-72

ALL WEATHER
 CLASS

1600-0800
 TIME PERIOD

LOCATION

SPEED KNTS DIR	1-3	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	0.2	0.5	1.5								12.2	4.4
NNE	2.4	4.1	1.6	1.1								12.2	5.2
NE	1.3	2.4	1.5	1.1								4.4	4.7
ENE	1.1	1.4	1.5									2.4	4.4
E	1.0	1.3	1.1	1.1								1.1	4.4
ESE	1.3	1.2										1.5	3.4
SE	1.1	1.4	1.6									3.1	4.5
SSE	1.3	2.3	1.4	1.2								1.4	5.4
S	1.4	3.4	3.4	1.0	1.1							1.0	6.7
SSW	1.1	1.3	1.3	1.5	1.1							4.1	6.9
SW	1.5	1.1	1.5	1.1	1.1							3.7	6.3
WSW	1.5	2.2	1.9	1.1		1.1						1.2	7.9
W	1.0	1.9	1.3	1.9								4.4	7.1
WNW	1.0	1.3	1.6									2.6	4.6
NW	1.1	1.7	1.1	1.1								3.1	5.4
NNW	1.3	2.4	1.9	1.2								4.9	6.4
VARBL	2.9	1.1										3.1	1.7
CALM												21.9	
	20.7	30.9	21.5	4.6	3	1.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

876

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34068
STATION

SAIGLEBEN GERMANY/COLEMAN AAF
STATION NAME

60-70
YEAR

ALL WEATHER
CLASS

970-1100
PERIOD OF OBSERVATION

CONDITION

SPEED (KNTS) DIR	1 - 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	3.7	4.3	1.1	.1							10.4	7.1
NNE	.5	1.3	2.5	.6								5.1	7.4
NE	.4	1.5	1.7	.6								4.3	7.2
ENE	.4	1.4	1.5	.4								3.8	7.3
E	.3	1.1	.2	.3								1.9	6.2
ESE	.2	.5	.4									1.2	6.1
SE	.3	.4	.2									1.2	4.6
SSE	.3	1.3	.9	.2								3.3	5.6
S	1.3	4.5	3.5	1.5								10.8	7.1
SSW	.5	2.2	2.3	.3								5.3	6.9
SW	.3	2.2	1.6	.9								5.0	7.4
WSW	.5	3.0	2.9	1.1	.2	.1						7.9	7.9
W	1.4	3.0	3.0	1.4	.3							9.2	7.5
WNW	.8	2.3	1.3	.1								4.1	5.7
NW	.9	2.6	1.7									5.2	5.5
NNW	.9	3.5	2.0	.3								6.7	6.2
VARBL	5.4	1.2										6.6	2.5
CALM												8.0	
	16.8	35.8	29.8	9.1	.8	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

927

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

SURFACE WINDS

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

34068
STATION

SA WLFER GERTANY/OLEIAN AAF
STATION NAME

62-70
YEAR

ALL WEATHER
CLASS

1200-1400
MOON

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.3	2.7	.9								7.8	6.9
NNE	.4	1.1	2.9	1.2	.1							5.5	6.3
NE	.1	1.2	2.0	.5								4.1	6.0
ENE	.0	1.3	2.1	.5								5.7	7.2
E	.4	.7	1.4	.1								2.5	7.1
ESE	.3	.1	.4									.9	5.8
SE	.3	.7	.3									1.3	5.3
SSE	.4	2.2	1.3	.1								4.2	5.7
S	.4	2.5	2.9	.9								7.2	7.1
SSW	.1	2.7	2.4	1.1								6.8	7.5
SW	.2	1.9	2.1	.5								4.8	7.7
WSW	.3	2.2	3.4	2.1	.2							10.4	8.3
W	1.1	3.2	4.8	2.1	.5							11.7	8.4
WNW	.2	2.1	2.3	1.4								6.3	8.1
NW	.3	2.5	1.3	.5								4.9	6.9
NNW	.0	2.2	2.0	.3								3.6	6.4
VARBL	4.3	2.6										6.7	3.1
CALM												3.5	
	12.2	33.2	37.8	12.4	1.0							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 911

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

34008
STATION

SAARBRÜCKEN GERMANY/CLEA AF AAF
STATION NAME

62-70
YEARS

YEARS

MONTHS

ALL WEATHER
CLASS

1200-1700
HOURS (GMT)

CONDITION

SPEED KNTS/ DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.0	3.5	4.9	1.3								10.5	7.6
NNE	.1	1.3	1.5	.7	.1							3.7	8.3
NE	.2	1.1	1.6	1.2								4.2	6.6
ENE	.5	1.5	2.4	.7								5.2	7.5
E	.7	1.6	1.5	.7								4.5	6.8
ESE	.2	.6	.7									1.5	6.1
SE	.1	.9	.5	.1	.1							1.7	7.1
SSE	.2	1.9	.9	.1								3.2	6.2
S	.6	2.2	3.0	.6								6.7	7.1
SSW	.1	1.2	2.7	.2	.2							4.7	8.1
SW	.2	1.5	1.8	.9	.2							3.2	8.3
WSW	.2	2.6	4.7	1.2	.2							9.2	7.9
W	.6	3.0	6.3	3.9	.7				.1			14.7	8.6
WNW	.2	1.6	2.6	.2								5.0	7.4
NW	.1	2.4	2.4	.2								5.1	7.0
NNW	.6	3.0	3.0	1.5	.1							7.6	7.4
VARBL	2.2	1.1										3.2	3.0
CALM												4.2	
	8.7	31.1	40.4	13.7	1.8				.1			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

876

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34052 SALZGRIEBEN GERMANY/DALEMAN AAF STATION NAME 60-70 YEARS MONTH 1800-2000 HOURS U.S.T.

ALL SEATHER 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	1.9	3.5	3.7	.0								9.1	6.4
NNE	1.1	2.2	1.0	.3								5.1	5.2
NE	.0	3.5	2.4	.0								7.9	6.8
ENE	1.3	2.0	2.1	.2								6.1	5.7
E	1.4	2.9	.0	.2								5.1	4.6
ESE	.0	.5	.3									1.6	4.3
SE	.5	1.1	.2									1.8	4.2
SSE		1.9	.6	.3								2.9	6.1
S	.0	2.1	2.1	.3	.3							5.5	7.2
SSW	.0	1.1	1.4	.3								3.5	6.8
SW	.3	1.8	1.8									3.9	6.3
WSW	1.0	3.7	3.5	1.1								9.3	6.9
W	1.3	3.7	5.8	1.3	.2							12.2	7.5
WNW	1.0	1.6	2.1	.3		.2						5.5	6.4
NW	1.9	1.6	1.0									4.5	4.5
NNW	1.0	2.7	2.1	.3								6.7	6.7
VARBL	.0	.3										.8	2.8
CALM												.2	
	17.2	30.4	31.3	5.9	.5	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 623

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34068 STATION NAME: SANDHOPE GERMANY/COLEMAN AAP YEARS: 62 MONTH: 07
 CLASS: ALL WEATHER HOURS (L & T): 0000-0200
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				100.0								100.0	11.0
W													
WNW													
W													
NNW													
VARBL													
CALM												.0	
				100.0								100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14068
STATION

SANDLERN GERMANY/COLEMAN AAF
STATION NAME

60-64
YEARS

06
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	2.8	2.8	.9									6.6	4.7
NNE		1.9	.9									2.8	6.0
NE	2.8	.9										3.8	3.3
ENE	.9	.9										1.9	4.5
E													
ESE	2.8	.9										3.8	3.5
SE	1.9	2.8	1.9									6.6	4.9
SSE	2.8	2.7										8.5	4.1
S	2.8	2.8	5.7									12.3	6.4
SSW		1.9										1.9	4.5
SW			1.9									1.9	8.0
WSW	.9	.9	1.9									3.8	6.5
W		1.9										1.9	5.0
WNW													
NW			.9									.9	7.0
NNW	.9	1.9										2.8	4.0
VARBL													
CALM												40.6	
	18.9	26.4	14.2									100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

106

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION: 30069 SA WOLFF GERMANY/COLEMAN AFB YEARS: 60-70
 MONTH: _____
 CLASS: ALL WEATHER HOURS: 0000-0800
 CONDITION: _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	3.2	4.0	1.2	.1								9.7	4.2
NNE	1.3	2.9	.8	.1								5.1	4.4
NE	.8	1.1	.2									1.9	4.1
ENE	1.1	.4										1.5	2.9
E	.2	.3										1.4	3.4
ESE	.7	.2	.1									1.0	3.4
SE	.0	1.7	.6									2.3	4.8
SSE	2.2	3.7	.7									6.6	4.6
S	1.8	4.5	3.8	.7								10.8	6.3
SSW	.2	2.4	1.3		.1							4.0	6.3
SW	.7	2.0	2.7	1.0	.2							6.6	7.8
WSW	.7	2.2	3.3	.3								6.5	6.8
W	.7	2.1	1.8	.4								5.1	6.3
WNW	1.7	.7	.2	.1								2.7	4.0
NW	1.1	1.1	.2									2.4	3.9
NNW	1.2	1.6	.4	.1								3.4	4.3
VARBL	3.3	.6										3.9	2.7
CALM												26.3	
	20.9	32.1	17.4	2.9	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

3406P
 STATION

SAIDLERF GERMANY/COLEA AAF
 STATION NAME

60-70
 YEARS

YEARS

6
 MONTH

ALL WEATHER
 CLASS

1960-1960
 HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.5	1.9	.2								8.3	5.4
NNE	1.1	1.8	.5	.3								3.6	5.4
NE	1.1	1.0	1.0									2.9	5.2
ENE	.5	.6	.5	.1								1.8	5.6
E	.4	.5	.1									1.1	4.4
ESE	.4	.3	.3									1.1	5.4
SE	.2	.4	.3									1.0	6.0
SSE	.9	1.8	1.5									4.2	5.7
S	.7	5.0	5.1	1.2	.1							12.2	7.3
SSW	1.4	2.4	2.2	.9	.1							6.5	7.5
SW	.6	2.6	2.4	1.5	.1							7.2	8.1
WSW	.6	2.9	3.6	2.6	.3	.1						10.1	8.7
W	1.2	2.7	4.0	1.6	.1	.1						9.8	7.9
WNW	.3	1.8	1.8	.1								4.1	6.2
NW	1.4	1.2	1.5	.2								3.8	6.2
NNW	1.2	2.0	1.8									5.1	5.6
VARBL	6.3	1.8										8.1	2.6
CALM												9.1	
	19.1	33.3	28.6	8.9	.7	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

936

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

STATION 34068 SALEM, OREGON/COLEMAN AAF 60-70 YEARS MONTH 1200-1400
 CLASS ALL WEATHER

CONDITION

SPEED (KNTS)	1-3	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	2.7	.3								7.2	5.0
NNE	.5	1.3	1.2	.4								3.6	5.0
NE	.2	2.1	.3	.2								2.6	5.0
ENE	.2	.7	.8	.2								1.8	4.7
E		.5	.4									1.7	6.8
ESE		.5	.3	.1								1.7	5.9
SE	.3	.8	.7									1.7	6.4
SSE	.3	1.3	1.3	.4								3.2	7.7
S	.4	2.8	3.0	.8								9.1	7.6
SSW	.3	2.0	3.1	1.9	.1							7.3	8.7
SW	.4	2.3	2.9	1.7								7.6	8.3
WSW	.9	2.1	4.7	4.1	.8							12.6	9.5
W	1.0	3.2	3.1	4.1	.7							14.2	8.7
WNW	.5	2.1	1.2	.5								4.4	6.8
NW	.7	1.4	1.6	.3								4.7	6.8
NNW	.8	1.9	2.7	.3								5.7	6.7
VARBL	4.1	3.3										7.3	3.3
CALM												3.4	
	12.2	33.3	34.2	15.4	1.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 916

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

34068
STATION

SANDOLPHEN GERMANY/54LE AAF

61-70

ALL WEATHER
CLASS

1970-1970
PERIOD

CONDITION

SPEED KNTS DIR	1-3	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	2.5	3.3	.9								8.0	4.9
NNE	.3	1.1	1.8	.2								3.4	6.9
NE	.3	.7	1.5	.1								2.7	6.4
ENE	.7	1.2	.8									2.7	5.3
E	.5	.9	.8	.1								2.3	5.1
ESE	.2	.7	.3									1.2	5.0
SE	.2	.9	.6									1.8	5.6
SSE	.3	1.4	.8									2.8	5.8
S	.8	1.8	2.6	1.1								6.2	7.7
SSW	.2	1.3	2.7	1.1								5.5	8.5
SW	.4	2.8	2.1	1.5	.1							8.4	7.8
WSW	.2	2.5	3.9	3.7	.9	.1						13.4	10.0
W	.9	3.3	6.7	3.4	.6	.1						13.2	9.0
WNW	.7	1.6	1.6	1.2		.1						3.2	7.7
NW	.7	1.9	1.7	.5								4.8	6.6
NNW	.9	2.9	2.4	.6								6.8	6.5
VARBL	3.9	2.2	.1									6.1	3.1
CALM												3.1	
	13.0	31.0	36.6	14.4	1.6	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

882

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34068 SAARBRÜCKEN GERMANY/COLE AFB CLASS: ALL WEATHER MONTH: 60-70
STATION NAME CLASS MONTH

CONDITION

SPEED KNTS DIR	1-3	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	4.8	1.6	.6								5.0	5.3
NNE	1.4	2.4	1.9									5.4	5.0
NE	.9	2.5	.6	.3								4.3	5.3
ENE	.7	1.6	.3	.1								1.9	4.8
E	1.1	1.8	.4									3.3	4.5
ESE	.9	.9	.6									2.4	5.2
SE	.6	.7	.2									1.6	4.5
SSE	.9	1.9	.1									3.7	4.2
S	.6	2.4	1.9	.1								5.1	6.3
SSW	.1	1.8	1.6	.4								4.0	7.3
SW	.7	2.6	1.5	.6	.3							6.7	6.8
WSW	1.2	2.7	4.2	1.4	.4							9.6	7.8
W	1.6	4.5	6.0	1.6	.4	.3						14.6	8.0
WNW	.7	1.2	1.2									3.1	6.0
NW	1.6	2.8	.6	.1	.3							5.8	5.5
NNW	1.5	3.6	2.1	.3								6.9	5.9
VARBL	2.1											2.1	1.7
CALM												10.6	
	19.3	37.7	25.1	5.5	1.5	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 669

1

DATE PREPARED: 01/15/54
 STATION: STAG/USAF
 AIR WEATHER REPORT NO: 1067 AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

34005 PA 21000 080000/010000 W 100 02
 ALL WEATHER

2100-2300

SPEED KNOTS DIR	1-3	4-6	7-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	MEAN WIND SPEED	
N																							
NNE																							
NE																							
ENE																							
E																							
ESE																							
SE		100.0																				100.0	5.0
SSE																							
S																							
SSW																							
SW																							
WSW																							
W																							
WNW																							
NW																							
NNW																							
VARBL																							
CALM																							
		100.0																				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1

DATE PREPARED 11/1/51
 STATION NAME
 AIR BASE SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 BY DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

34060 34 2 1/2 000 11/1/51 41-04 111-50
 ALL WEATHER
 111-50

SPEED KNOTS DIR	0	4-5	7-10	11-15	17-20	22-27	28-37	38-47	48-57	58-67	68-77	78-87	88-97	100	TOTAL
N	3.1	2.4	1.0	1.0											7.5
NNE	1.7														1.7
Nx		1.0													1.0
NNE		1.0													1.0
E		1.0													1.0
ESE	1.0	1.0													2.0
SE	1.0	2.4													3.4
SSE	1.0	1.0	2.1												4.1
S	2.4	1.0	2.9												6.3
SSW	1.0	2.4	2.9												6.3
SW		2.4	1.0												3.4
WSW		3.1	1.0	1.0											5.1
W		1.0	1.0	1.0											3.0
WNW		1.0													1.0
NW		3.1													3.1
NNW	1.0														1.0
VARBL															27.4
CALM															100.0
	12.0	4.9	15.7	3.1											41.7

TOTAL NUMBER OF OBSERVATIONS

127

AD-A087 816

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2
SANDHOFEN GERMANY/COLEMAN AAF. REVISED UNIFORM SUMMARY OF SURFA--ETC (U)
FEB 72

UNCLASSIFIED

USAFETAC/DS-80/056

ML

4
9

The table consists of 10 columns and 15 rows. The top row is mostly blacked out, with a small white square in the first column. The remaining 14 rows are also blacked out, with a small white square in the first column of the second row. The grid is used for data entry or tracking.

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 34068 SANDHUFEN GERMANY/COLEMAN AAF YEARS: 59-70 MONTH: ALL
 CLASS: WEATHER HOURS (L & T): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.8	1.7	.2								8.7	4.3
NNE	2.4	2.0	.4	.1								4.9	3.9
NE	.7	1.0	.4	.1								2.2	3.2
ENE	.3	.2										.6	3.5
E	.4											.4	2.0
ESE	.1	.2										.4	3.5
SE	.4	1.1	.4									1.9	4.6
SSE	1.0	4.1	1.2									7.0	4.8
S	2.1	6.2	3.6	1.0	.1							19.1	6.6
SSW	1.1	3.0	1.6	.4								6.1	6.0
SW	.5	2.5	1.4	.2								4.7	6.0
WSW	1.0	2.2	2.6	.3								6.4	6.6
W	.6	2.0	.6	.2								3.5	3.7
WNW	.5	.8	.4									1.7	3.1
NW	.9	.8	.5									2.2	4.3
NNW	2.4	.9	.6									3.9	3.7
VARBL	2.1											2.1	1.3
CALM												28.0	
	21.2	30.2	17.5	2.9	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34068 SAICHUFEN GERMANY/COLEMAN AAF STATION NAME 59-70 YEARS AUG MONTH
 CLASS ALL WEATHER HOURS (L S Y) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.8	2.5	.5								8.0	5.7
NNE	1.1	1.9	1.0	.6								4.7	5.8
NE	.4	.7	.4	.2								1.6	6.4
ENE	.7	1.0	.9									2.5	5.5
E	.2	.8	.2									1.1	4.7
ESE	.2	.8	.2									1.1	4.7
SE	.6	.8	.1									1.4	4.1
SSE	.6	2.1	1.3	.2								4.2	5.7
S	1.4	4.8	3.0	1.0								12.3	7.0
SSW	.6	2.0	2.2	.4	.1							6.4	6.8
SW	.9	2.8	2.2	1.7	.3							8.9	7.9
WSW	.5	2.6	4.4	2.0	.1							9.9	8.2
W	.8	2.7	3.4	1.2								8.1	7.9
WNW	.5	.5	1.1	.1								2.2	6.9
NW	.7	1.0	.7	.1								2.5	5.4
NNW	.4	2.1	1.2	.2								4.3	6.1
VARBL	5.2	.6										5.8	2.0
CALM												19.4	
	17.2	30.7	28.0	8.2	.5							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1050

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

14068
STATION

SANDHOFEN GERMANY/COLEMAN AAF
STATION NAME

59-70
YEARS

A-G
BIRTH

ALL WEATHER
CLASS

1200-1400
HOURLY U.S.T.

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.0	2.1	.2	.1							5.4	6.5
NNE	.7	1.6	1.1									3.3	5.7
NE	.4	1.2	1.3	.4								3.3	6.9
ENE	.5	1.1	1.0	.3								2.5	6.6
E	.3	.9	.8	.1								2.4	6.7
ESE	.2	.6	.9									1.8	5.9
SE	.2	.2	.2	.1								1.4	5.9
SSE	.4	1.7	.7	.3								3.2	6.1
S	.5	3.4	2.6	.8								12.2	7.0
SSW	.9	2.2	2.6	1.0	.1							6.9	7.4
SW	.8	1.9	4.4	1.4	.3							8.9	8.6
WSW	.7	2.5	2.8	2.1	.7							12.4	8.4
W	1.2	3.1	2.5	2.1	.6	.1						11.5	8.7
WNW	.8	1.9	1.0	.6								4.2	6.7
NW	.1	1.4	1.0	.5								2.9	7.5
NNW	.6	2.1	1.7	.3								4.8	6.3
VARBL	2.2	1.6										6.7	2.6
CALM												6.4	
	14.8	31.7	23.4	12.1	1.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1026

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34068 STATION NAME SANDHOFEN GERMANY/COLEMAN AAF YEARS 59-70 MONTH AUG
 CLASS ALL WEATHER HOURS - L S T 1800-1700
 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	.9	3.0	2.7	.4								7.1	6.4
NNE	.5	1.5	1.4									3.4	6.1
NE	.3	1.5	2.1	.3								4.3	7.2
ENE	.3	1.2	1.1	.2								2.8	6.5
E	.8	1.7	1.5	.6	.1							4.8	6.8
ESE	.5	1.4	.1									2.7	4.6
SE	.5	.9	.7									2.1	5.5
SSE	.3	1.3	.7									2.3	5.8
S	1.3	3.1	3.6	.8								10.8	7.1
SSW	.5	1.1	2.6	1.4								5.7	8.4
SW	.5	1.8	4.9	1.5	.2							8.9	8.6
WSW	.4	2.2	3.6	3.6	.8	.1						12.8	9.9
W	.7	2.6	6.7	3.9	.2							14.1	9.0
WNW	.5	.8	.9	.2								2.4	6.5
NW	.2	1.8	.9	.5								3.4	7.1
NNW	.1	1.3	1.3	.3								3.0	6.7
VARBL	3.2	1.1										4.4	2.8
CALM												5.4	
	11.7	28.9	38.9	13.8	1.3	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 987

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34068 STATION NAME: SANDROBEN GERMANY/COLEMAN AAF YEARS: 60-70 MONTH: AUG
 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	.8	2.2	1.2									4.2	3.3
NNE	2.3	1.6	.4	.1								4.4	3.9
NE	1.6	2.1	.7	.3								3.6	4.7
ENE	3.0	2.4	.7									6.0	4.1
E	3.4	.9	.1									4.4	3.5
ESE	1.1	.7	.1									1.9	3.4
SE	1.1	1.6	.1									2.4	3.9
SSE	.5	1.2	.4									2.2	4.8
S	1.1	2.3	3.6	.4								7.5	6.9
SSW	.5	.9	2.5	.5								5.5	7.3
SW	.5	3.4	4.2	.5	.1							8.9	7.2
WSW	.9	3.2	2.5	1.9	.4							12.0	7.7
W	2.0	6.3	2.5	1.3								13.2	6.3
WNW	1.1	.8	.8	.1								2.8	3.2
NW	.9	.8	1.1									2.8	3.4
NNW	.4	.9	.9									2.3	3.7
VARBL	2.0	.1										2.2	1.6
CALM												11.7	
	23.3	34.1	25.1	5.2	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 744

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34068 STATION NAME SANDHOFEN GERMANY/COLEMAN AAF YEARS 60-64 MONTH SEP
 CLASS ALL WEATHER HOURS (LST) 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	2.6	4.4	.9									7.9	4.3
NNE			.9									1.9	7.0
NE	.9											.9	2.0
ENE	.9	.9										1.8	3.3
E		.9										.9	4.0
ESE		.9	.9									1.8	7.0
SE	.9	.9	2.6									4.4	6.6
SSE	2.6	2.6										7.0	4.1
S	1.8	4.4	2.6	.9								9.6	6.1
SSW		2.6	.9									3.3	6.3
SW	1.8	2.6	2.6	.9								7.9	6.1
WSW		1.8	1.8	.9								4.4	6.2
W	.9	.9	.9									2.6	3.3
WNW													
NW	1.8	.9										2.6	3.3
NNW	.9											.9	3.0
VARBL													
CALM												43.0	
	15.8	24.6	14.0	2.6								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 114

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34008 SA BOMBER GERMANY/CULEMAN AAF YEARS 29-70 MONTH SEP
 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	4.1	3.2	.9	.1								8.3	4.1
NNE	1.0	2.3	.2	.1								4.4	4.1
NE	1.5	2.0	.4	.1								4.1	4.3
ENE	.9	.0	.4	.1								1.7	3.5
E	.3											.3	2.7
ESE	.1											.1	2.0
SE	.0	.6	.2									1.3	4.3
SSE	1.9	4.0	1.7	.1								7.7	5.2
S	2.6	7.0	4.2	.9	.3							16.4	6.4
SSW	.4	1.0	1.9	.1	.1							4.4	7.0
SW	.4	1.0	1.9	.4	.1							4.3	7.5
WSW	.4	1.0	1.0	.1								3.8	6.5
W	.9	.0	1.1	.3								2.9	6.3
WNW	.3	.1	.2									.6	4.8
NW	.8	.0										1.4	3.8
NNW	1.7	1.3	.2									3.2	3.8
VARBL	.0											.8	1.1
CALM												36.0	
	18.4	27.4	15.2	2.4	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34068
STATION

SANDHOFEN GERMANY/COLEMAN AAF
STATION NAME

59-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.5	1.9	.1								10.8	5.0
NNE	1.4	1.9	1.9	.1								4.3	5.0
NE	.7	1.2	1.4	.3								3.6	6.4
ENE	.9	1.0	.9	.2								3.0	5.8
E	.3	.4	.3	.3								1.3	7.1
ESE	.3	.8	.1									1.2	4.3
SE	.6	1.1	.5									2.2	4.8
SSE	.5	2.1	1.0									3.6	5.5
S	1.7	5.7	6.2	1.9	.1							15.8	7.2
SSW	1.0	1.7	2.7	1.1								6.5	7.3
SW	.4	1.6	2.0	.3	.5							4.8	7.9
WSW	1.1	1.4	2.5	1.0								6.0	7.5
W	.6	1.1	2.2	1.8								5.7	8.6
WNW	1.1	.2	.7	.1								2.2	5.4
NW	.6	.2	.1	.2								1.4	4.8
NNW	.9	2.2	.9									4.0	5.3
VARBL	3.4	.7										4.1	2.4
CALM												19.3	
	18.8	29.3	24.5	7.4	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 995

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34069 SAIGHEBEN GERMANY/COLEMAN AAF 59-70 SEP
STATION MONTH
 ALL WEATHER 1200-1400
CLASS NO. OBS LET
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.6	2.5	.3								6.8	6.4
NNE	.4	1.9	1.8									3.9	6.4
NE	.7	1.3	2.4	.6	.1							5.2	7.0
ENE	.8	1.6	1.3	.7	.1							4.6	7.0
E	.1	1.0	.6	.6								2.4	7.9
ESE	.3	1.3	.4	.2								2.5	6.0
SE	.5	.7	.7									2.0	5.4
SSE	.2	2.3	.7	.3								3.5	6.2
S	1.1	4.2	3.7	1.9		.1						10.9	7.4
SSW	.3	2.4	2.2	1.5								7.5	8.1
SW	.2	.9	2.2	2.1	.2							5.6	9.7
WSW	.8	1.8	2.7	2.2	.5							10.1	9.6
W	.4	2.2	3.3	2.7	.4							9.0	9.3
WNW	.8	1.3	.9	.6	.1							3.8	7.1
NW	.9	.9	1.0	.2								3.1	5.4
NNW	.1	1.4	.6									2.2	6.1
VARBL	4.0	2.3										6.3	3.0
CALM												10.7	
	12.2	30.3	29.2	18.1	1.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 970

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34009 STATION NAME: SAID-DUFRE GER-MANY/CWLEAF AAF YEARS: 59-70 MONTH: SEP
 CLASS: ALL WEATHER HOURS: 1800-1700
 CONDITION: _____

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	2.8	.9								7.8	6.5
NNE	1.2	1.6	3.0									5.6	6.4
NE	.6	1.8	3.0	.3								5.9	6.7
ENE	.6	1.7	2.4	.9	.2							5.4	7.6
E	.4	1.5	.9	.2								3.8	6.0
ESE	1.0	1.0	.6									2.6	5.2
SE	.9	1.3	.3									2.5	4.4
SSE	1.3	2.3	1.2									5.0	5.3
S	.4	4.1	5.0	1.6	.1							11.3	7.6
SSW	.2	1.2	2.2	1.0								4.8	8.3
SW	.3	1.8	3.7	.9	.1							6.8	8.2
WSW	.4	2.1	3.2	3.0	.3							9.8	10.0
W	.3	1.5	3.7	3.0	.2							8.8	9.3
WNW	.5	1.1	.6	.9	.3							3.6	8.5
NW	.4	.8	.4	.2								1.8	6.2
NNW	.6	1.4	1.3	.1								3.5	6.1
VARBL	2.1	.4										2.5	2.7
CALM												8.5	
	12.2	24.6	34.6	13.5	1.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34068 SA 10000 GERMANY/COLEMAN AAF CLASS: ALL WEATHER YEARS: 60-70 MONTH: SEP
 1800-2000 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	1.2	1.7	.7									4.3	4.4
NNE	1.0	.7	1.3									3.6	4.6
NE	1.7	1.9	.7									4.3	4.3
ENE	2.1	2.7	.4									6.3	3.6
E	2.0	1.0	.3									3.8	3.4
ESE	2.4	1.9	.1									4.4	3.5
SE	1.4	1.4										2.8	3.6
SSE	1.1	1.9	.7									3.7	4.7
S	1.3	4.0	2.7	.1								8.1	5.0
SSW	.9	2.5	2.4	.6								5.8	6.0
SW	.3	2.0	1.6	.7								5.1	6.9
WSW	1.3	4.0	4.3	1.4								11.7	7.1
W	1.3	3.0	3.0	.3								8.1	6.3
WNW	.4	.6	.3	.2								1.4	6.4
NW	.1	.1	.7	.2								1.3	6.3
NNW	.1	1.1	.3	.1								1.7	5.8
VARBL	2.7											2.7	1.3
CALM												21.8	
	24.2	30.9	19.5	3.0								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 702

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/YAC

SURFACE WINDS

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

STATION: 30068 STATION NAME: SAND-REEF GERMANY/COLEMAN AAF YEARS: 53 MONTH: SEP
 CLASS: ALL WEATHER HOURS: 2100-2300
 CONDITION: _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W		100.0										100.0	5.0
WNW													
NW													
NNW													
VARBL													
CALM												.0	
		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34068 STATION NAME SANDOLPHEN GERMANY/COLEMAN AAF YEARS 51-64 MONTH OCT
 CLASS ALL WEATHER HOURS (LST) 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	0.2	0.2	1.0	1.0								14.4	4.9
NNE		3.2	3.1									8.2	6.1
NE	4.1	1.0										5.2	3.2
ENE	2.1											2.1	3.0
E													
ESE	1.0	1.0	2.1									4.1	5.3
SE	1.0	1.0	2.1									4.1	7.0
SSE	1.0	3.2	1.0									7.2	4.9
S	4.1	7.2	2.1	4.1								17.5	6.3
SSW			3.1	1.0								4.1	9.5
SW			1.0									1.0	10.0
WSW				1.0								1.0	12.0
W			2.1									2.1	7.5
WNW		1.0										1.0	4.0
NW													
NNW	1.0	4.1										5.2	4.2
VARBL													
CALM												22.7	
	20.0	32.0	17.5	7.2								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 97

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34068 SANDHURST GERMANY/COLEMAN AAF STATION NAME 59-70 YEARS

MONTH OCT
 HOURS (L & T) 0600-0800

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	2.3	3.4	1.7	.2	.2							7.4	5.3
NNE	1.2	2.6	.7	.2								4.4	4.9
NE	.8	1.5	.4									2.7	4.6
ENE	1.7	2.3	.4									4.4	4.2
E	.5	.2	.1									1.0	3.9
ESE	.5	.4										.9	3.8
SE	.7	1.5	.5									2.7	5.0
SSE	1.6	4.6	1.8	.4								8.3	5.3
S	2.8	5.6	4.1	2.6								15.1	6.8
SSW	.1	1.0	2.2	.7	.1							4.2	8.7
SW	.2	1.2	2.5	.9								4.9	8.3
WSW	.2	.6	1.1	.3	.1	.1	.1					2.6	9.2
W	.6	1.1	1.0	.6								3.4	6.9
WNW	.2	.2	.5	.1								1.4	6.2
NW	.6	.6	.5	.1								1.9	5.4
NNW	.6	.6	.2	.1								1.6	4.9
VARBL	2.2	.2										2.4	1.6
CALM												30.3	
	17.6	27.3	17.8	6.4	.4	.1	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 960

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/NAO

SURFACE WINDS

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

34068 STATION SAND-UFEN GERMANY/COLEMAN AAF 59-70 YEARS
 ALL WEATHER CLASS
 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.5	3.1	.4								9.2	5.9
NNE	1.4	2.0	.8	.4								4.6	5.4
NE	.9	1.6	1.5									4.7	5.6
ENE	1.2	1.2	.5	.1								2.9	4.5
E	.6	1.3	.5									2.3	4.9
ESE	1.0	.5	.1									1.6	3.8
SE	.2	.7	.4									1.4	5.6
SSE	.7	3.0	2.8	.4								6.9	6.6
S	1.0	5.4	6.2	3.3								16.9	7.6
SSW	.6	2.4	3.4	1.2	.1							7.7	7.7
SW	.6	.8	1.6	1.6								4.6	8.8
WSW	.1	1.3	1.6	1.0	.1	.2						4.2	9.3
W	1.4	1.3	2.2	.4								5.2	6.2
WNW	.9	.8	.7	.2								2.6	5.7
NW	.8	.2	.8	.2								1.9	6.1
NNW	.8	2.1	.6	.1								3.6	5.2
VARBL	2.7	.3										3.0	1.8
CALM												17.1	
	17.3	29.3	26.7	9.2	.2	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1032

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34069 SANDHOEFEN GERMANY/GOLEMAN AAF STATION NAME 59-70 YEARS 1970 MONTH 01
 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	.9	4.8	2.5	.5								9.0	6.2
NNE	1.2	1.8	2.1	.5								5.6	6.3
NE	.4	.9	2.1	.5								3.9	7.4
ENE	1.0	1.2	.9	.3								3.4	5.7
E	.7	1.0	.6	.3								2.6	5.8
ESE	.3	.8	.3									1.4	5.0
SE	.3	.4										.7	4.0
SSE	.3	2.4	1.6	.2								4.7	6.2
S	1.7	4.5	6.6	2.4	.1							15.2	7.6
SSW	.9	2.8	2.4	.7	.1							7.9	7.3
SW	.2	1.9	2.9	2.5	.1	.1						7.8	9.2
WSW	.7	2.2	2.8	1.5	.2		.1					7.6	8.5
W	.7	2.4	1.5	1.9	.1							6.6	8.2
WNW	1.2	1.4	1.3	.5								4.4	6.4
NW	.8	.8	.8	.5								2.5	6.2
NNW	.6	1.9	1.0	.6								4.1	6.5
VARBL	2.4	.5										3.9	1.9
CALM												9.0	
	15.4	21.5	30.1	13.1	.7	.1	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1004

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34068 SAND-UFEN GERMANY/COLEMAN AFB YEARS: 59-70 IGT: 1200-1700
 STATION NAME: SAND-UFEN GERMANY/COLEMAN AFB CLASS: ALL WEATHER HOURS: 1200-1700
 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	2.4	5.1	2.1	.1								9.6	5.1
NNE	1.1	2.2	2.0	.6								5.4	6.5
NE	.5	2.7	2.3	.2								5.7	6.4
ENE	.6	1.6	2.1	.1								4.4	6.6
E	.9	.5	.8	.3								2.6	5.7
ESE	1.0	1.0	.2									2.3	4.1
SE	.6	.6	.2									1.7	4.3
SSE	1.0	1.9	.7	.2								3.8	5.4
S	.9	2.7	3.3	1.6	.2							11.8	7.8
SSW	.2	2.4	2.6	1.1								6.3	7.8
SW	.3	1.5	2.7	1.2	.5	.1						6.3	9.2
WSW	1.0	2.2	3.1	1.7	.1							8.1	7.8
W	1.8	2.0	2.9	1.3	.3							9.3	7.3
WNW	.7	1.9	.9	.7								4.2	6.2
NW	.6	2.1	1.0	.2								3.9	5.9
NNW	.9	1.7	.4	.1								3.1	4.9
VARBL	2.2	.1										2.3	1.4
CALM												8.7	
	16.9	34.2	29.3	9.5	1.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 965

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34008
 STATION

SALZBACHEN GERMANY/COLEMAN AAF
 STATION NAME

61-70
 YEARS

-CT
 MONTH

ALL WEATHER
 CLASS

1800-2000
 HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR	1-3	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	1.7	1.0	.1								2.4	4.6
NNE	2.2	1.2	.6									2.2	3.2
NE	.9	2.2	1.0									4.1	4.9
ENE	4.5	3.8	.1									6.4	3.2
E	.7	1.2										1.9	3.9
ESE	.9	.7										1.6	3.5
SE	1.2	1.2	.1									2.7	3.7
SSE	.4	3.5	.4	.1								4.5	5.1
S	.6	2.7	4.2	1.9	.1							9.6	6.0
SSW	.4	1.9	2.7	.7								5.2	7.2
SW	.6	2.9	1.9	.2								5.6	6.1
WSW	.9	3.3	1.7	.9	.1							7.1	6.7
W	1.2	1.7	1.7	.1								4.9	5.4
WNW	.4	.7	1.2	.2								2.6	6.8
NW	.2	.9	.1									1.3	4.7
NNW	1.2	1.0	.4									2.6	4.6
VARBL	3.0											3.0	1.3
CALM												24.5	
	22.7	30.8	17.2	4.5	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

691

DATA PROCESSING DIVISION
 WTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34068 SA DUFPE GERMANY/COLEMAN AAF 61064066 YEARS

NOV MONTH

ALL WEATHER CLASS

0200-0300 HOURS U.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	2.7									9.2	6.2
NNE		2.8	1.8									4.6	3.8
NE	1.8	2.8										4.6	4.2
ENE	1.8											1.8	3.0
E		.9										.9	4.0
ESE		.9										.9	5.0
SE		.9										.9	5.0
SSE	1.8	2.8	2.8									7.9	6.1
S	.9	2.7	5.5	2.7								13.8	8.1
SSW		.9			.9							1.8	10.5
SW		.9	1.8	1.8								4.6	10.2
WSW	.9	1.8	2.7	.9	.9	.9						9.2	9.7
W	.9	1.8										2.8	3.7
WNW		1.8	.9									2.8	6.3
NW													
NNW	1.8	.9	.9									3.7	5.0
VARBL													
CALM												31.2	
	11.0	27.5	21.1	6.4	1.8	.9						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 109

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

16088 SA LUTHERN GERMANY/CULEMAN AAF 59-70
STATION STATION NAME YEAR MONTH
 ALL WEATHER
CLASS HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.0	1.7	.1								7.5	4.9
NNE	1.0	2.1	1.7									4.2	5.6
NE	1.0	1.5	.6	.1								3.1	4.4
ENE	1.0	1.7	.3									3.4	4.1
E	1.2	.2	.1									1.6	3.3
ESE	.9	.4	.1									1.3	3.8
SE	.8	1.0										1.4	4.2
SSE	1.1	3.2	1.0	.9								7.0	6.1
S	1.2	4.8	0.7	2.0	.4							10.3	8.0
SSW	.4	1.9	2.1	2.2	.2							7.2	9.1
SW	.4	.6	1.3	1.3	.2							3.9	9.4
WSW	.3	.9	2.1	2.0	.4	.1						6.3	10.5
W	.6	.6	1.2	1.3								3.7	8.5
WNW	.2	.4	.6	.3								1.7	7.1
NW	.2	.1										.4	3.5
NNW	.6	1.2	.1									1.9	4.1
VARBL	1.7	.3										2.0	2.2
CALM												29.9	
	10.2	24.2	20.2	12.2	1.3	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14000
STATION

SALZGEMÜNDEN GERMANY/GLEBA AAF
STATION NAME

59-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS U.S.T.

CONDITION

SPEED (KNTS): DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.9	.5								7.1	3.8
NNE	1.9	2.7	1.9	.2								6.8	3.5
NE	1.1	2.3	.6									3.9	4.8
ENE	1.2	1.2	.6									3.2	4.8
E	1.4	1.0	.2	.1								2.8	4.1
ESE	.2	.9	.2									1.1	4.4
SE	.1	1.3	.3									1.7	3.4
SSE	.5	2.2	.3									6.1	6.8
S	1.9	3.7	9.6	3.2	.2							18.4	8.4
SSW	.4	1.0	2.2	2.5	.9							7.8	10.4
SW	.7	1.2	2.2	1.7	.1							5.9	8.7
WSW	.3	1.2	2.1	2.4								6.3	9.0
W	.5	1.6	1.7	1.5	.2	.1						5.2	8.4
WNW	.1	.2	.6	.2	.1							1.2	0.3
NW	.6	.3	.6	.2								1.9	4.7
NNW	1.9	1.1	.7	.2								3.6	4.9
VARBL	.8	.2										1.0	2.4
CALM												16.2	
	15.2	26.2	27.9	13.4	1.2	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

975

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34068 STATION NAME SAND-UFEN GERMANY/COLEMAN AAF YEARS 59-70 MONTH NOV
 CLASS ALL WEATHER HOURS (L & 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	2.7	4.7	2.7	.3								9.8	5.7
NNE	.7	2.5	.8	.4								4.5	6.0
NE	.7	1.7	.6	.1								3.1	5.2
ENE	.8	1.2	1.6	.1								3.7	6.3
E	.4	.4	.3	.3								1.5	6.7
ESE	.5	.4	.1									1.0	4.1
SE	.6	.5	.5									1.7	5.3
SSE	.5	2.0	1.8	.6								4.9	7.1
S	.9	4.8	10.6	3.7	.4	.1						20.6	8.6
SSW	.4	1.0	2.2	3.8	.4							8.4	10.2
SW	.2	.7	2.1	2.4	.6							6.1	10.6
WSW	.6	1.5	2.8	2.3	.1							7.3	8.9
W	1.0	1.0	2.8	1.5	.2	.1						7.2	8.1
WNW	.4	1.0	.9	.4								2.8	6.3
NW	.4	.9	.7	.1								2.2	6.0
NNW	.6	1.9	.8	.1								3.3	5.4
VARBL	1.9	.2										2.2	2.5
CALM												9.4	
	13.2	27.3	31.6	16.2	1.8	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 953

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34008
STATION

SA DINGEN GERMANY/CULE A-4AF
STATION NAME

59-70
YEARS

NDV
MONTH

1570-1700
HOURS - U.T.

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	3.9	2.3	.8								9.1	6.2
NNE	1.5	2.0	1.6	.3								5.5	5.8
NE	.7	1.2	.9									2.7	3.6
ENE	.4	2.0	.7	.3								3.4	3.8
E	1.2	.9	.7	.1								2.8	3.0
ESE	.9	1.1	.2									2.2	4.2
SE	1.0	.7	.4	.1								2.2	4.9
SSE	1.0	1.6	2.2	.5								5.4	6.8
S		4.5	7.9	2.7	.4	.1						19.6	8.6
SSW	.3	1.6	3.3	2.3	.5							8.1	9.9
SW	.3	1.3	3.0	2.1	.3	.2						7.2	9.8
WSW	.5	2.6	2.6	1.2	.3							7.3	8.0
W	.7	1.5	2.1	1.2		.1						5.6	8.0
WNW	.7	.4	.9	.1								2.1	3.9
NW	1.1	1.3	.2									2.6	4.3
NNW	.4	1.2	.4									2.1	4.7
VARBL	1.3	.3										1.9	2.8
CALM												14.3	
	14.1	26.4	29.2	11.8	1.9	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

919

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34008 STATION NAME: SANDWURFEN GERMANY/COLEMAN AFB YEARS: 60-70 MONTH: NOV
 CLASS: ALL WEATHER HOURS: 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	2.0	2.2	1.5	.7								7.1	5.4
NNE	2.1	2.2	1.5	.3								6.0	5.5
NE	1.0	2.5	.7									4.3	4.9
ENE	1.5	1.0	1.0									3.8	4.5
E	1.2	.9	.2									2.4	3.6
ESE	1.0	.6	.1									1.8	3.7
SE	1.3	.6	.2									2.4	3.9
SSE	.4	1.5	1.8	.6								4.3	7.1
S	1.2	5.9	6.5	2.2	.1							16.9	7.9
SSW	.9	1.8	2.5	2.2	.3							8.7	8.5
SW	.1	2.6	2.9	2.8	.1	.1						8.8	9.4
WSW	.6	2.4	2.6	1.5	.1							7.2	8.0
W	1.2	1.2	1.0	1.0								4.4	6.8
WNW		.4	.2	.2		.1						1.2	10.3
NW	.2	.1	.1	.2								.6	4.5
NNW	.1	.6										.7	4.2
VARBL	2.0	.2										2.9	1.8
CALM												16.9	
	10.4	20.8	24.2	12.6	.7	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

34068
STATION

SALZGRIEBEN GERMANY/QUELLEN AAF
STATION NAME

61
YEAR

REV
 2100-2300
FORM NO. 1

ALL WEATHER
CLASS

22ND 12N
STATION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE		14.3	14.3									28.6
S			28.6									28.6
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												42.9
CALM												
	14.3	42.9										100.0

TOTAL NUMBER OF OBSERVATIONS 7

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

30008

SALEHFE BERMA Y/GENERAL AAF

01-84

DEC

ALL WEATHER

0200-0500

SPEED KNTS 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	1.2	3.6	2.4	1.2								4.4
NNE	1.2	3.6										4.4
NE	1.2	6.0		1.2								7.2
ENE	2.4	1.2	1.2									4.8
E	1.2	1.2										2.4
ESE	3.6											3.6
SE	2.4	1.2										3.6
SSE		1.2										1.2
S	1.2	1.2	6.0	6.0								14.8
SSW			2.4	1.2								3.6
SW			1.2	1.2	2.4							4.8
WSW		1.2	6.0	1.2								8.4
W	1.2	1.2										2.4
WNW												
NW												
NNW	1.2	2.4										3.6
VARBL												
CALM												26.8
	16.4	22.4	19.2	12.0	2.4							100.0

TOTAL NUMBER OF OBSERVATIONS

83

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34068 SAARDJEEF GERMANY/CULEMAN AAF 59-70 DEC
 STATION MONTH
 ALL WEATHER CLASS 0000-0900 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	1.9	.4								7.3	5.6
NNE	1.7	1.8	1.4	.7								2.2	5.8
NE	1.3	3.0	1.2	.4								6.2	5.5
ENE	.7	1.8	.4	.1								3.0	5.1
E	1.0	.9	.2									2.1	4.2
ESE	.2	1.2										1.3	4.1
SE	1.1	1.7	.6									3.3	4.3
SSE	1.2	2.5	1.3	.3								5.4	5.9
S	.0	0.6	0.0	3.0	.3	.1						10.0	7.9
SSW	.2	1.7	2.4	2.0	.2							6.3	9.4
SW	.2	1.0	2.8	1.5	.7							6.2	10.1
WSW	.3	1.2	2.2	1.3	.4	.2						5.8	9.8
W	.2	2.3	1.1	.8	.1							4.3	7.4
WNW	.1	.2	.2									.6	6.0
NW	.2	.1	.1									.4	4.5
NNW	1.0	1.0	.2									2.2	4.1
VARBL	1.2	.1										1.3	1.7
CALM												21.5	
	13.4	30.2	22.1	10.6	1.0	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

36068 SA'D DORFEN GERMANY/COLEMAN AAF 59-70

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.9	1.5	.6								7.8	3.7
NNE	1.5	2.1	1.6	.3								2.5	3.6
NE	1.1	2.8	1.6	.6								6.1	6.1
ENE	1.4	1.9	.7									3.6	4.9
E	.8	1.8										2.6	4.0
ESE	.2	1.0	.4									1.9	4.7
SE	.7	1.4	.3									2.4	4.5
SSE	.9	2.6	2.1	.1								6.8	5.9
S	1.3	5.0	7.5	3.4	.4							17.6	8.3
SSW	.5	1.3	2.2	1.9	.5							7.5	9.6
SW	.1	.9	2.1	1.6	.7	.1						5.5	10.8
WSW	.5	1.0	2.2	1.4	.5	.2						6.0	10.1
W	.3	1.1	2.8	.3								4.7	7.6
WNW	.5	.2	.6									1.3	5.9
NW	.5	.5										1.0	3.8
NNW	.4	1.6	.2	.1								2.3	5.0
VARBL	1.1	.2										1.3	2.1
CALM												19.8	
	13.9	30.1	27.0	10.6	2.1	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

992

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1

STATION 34C68 STATION NAME SALZBACHEN GERMANY/COLEMAN AAF YEARS 59-70 MONTH DEC

CLASS ALL WEATHER HOURS (LST) 1200-1400

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.1	2.1	.3								9.4	5.6
NNE	.8	3.3	1.7	.3								6.1	6.1
NE	.5	2.7	1.6	.5								5.4	6.6
ENE	.9	1.3	.9	.5								3.9	6.5
E	1.4	1.2	.4	.2								3.3	4.7
ESE	.6	.8	.5									2.0	4.9
SE	.8	1.2	.2									2.2	4.3
SSE	.6	2.8	1.4	.3								3.4	6.0
S	.6	4.2	7.5	3.5	.5							16.3	8.7
SSW	.1	1.6	2.7	2.3	.5							7.3	10.0
SW	.2	.9	1.8	1.1	.3	.2						4.6	9.7
WSW	.2	.8	2.4	3.3	.5	.3						7.6	11.3
W	.4	.7	2.7	2.2	.2	.1						6.4	9.7
WNW	.7	.7	.6	.1								2.2	3.7
NW	.6	.8	.7	.2								2.4	6.0
NNW	.9	1.2	.5									2.6	4.7
VARBL	1.2	.1										1.3	2.2
CALM												11.6	
	12.1	29.8	27.9	14.9	2.1	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 949

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

1

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

SURFACE WINDS

STATION 34068 SANDHOFEN GERMANY/COLEMAN AAF STATION NAME 59-70 YEARS DEC MONTH 1900-1900 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	2.4	4.3	1.7	.2	.1							0.7	3.2
NNE	.7	2.5	1.7	.3								2.2	4.3
NE	.6	2.2	1.5	.2								4.5	6.0
ENE	.8	2.1	1.2	.2								4.3	5.6
E	1.6	1.3	.2									3.3	3.8
ESE	1.1	1.8	.1									2.8	3.9
SE	.6	1.2	.1									1.9	4.3
SSE	.7	2.5	.9	.1								4.2	5.5
S	.6	3.1	6.4	2.4	.3							12.8	8.9
SSW	.4	2.0	3.0	2.0	.8							8.2	9.9
SW	.1	1.5	1.9	2.3	.2							6.1	8.7
WSW	.2	1.8	3.5	1.9	.6							8.0	9.9
W	.9	1.8	2.7	1.5								6.9	8.0
WNW	.6	.6	.3	.1								1.4	3.2
NW	.4	.7	.3	.4	.1							2.0	7.6
NNW	.9	1.3	.7	.1								3.2	5.3
VARBL	1.3	.1										1.4	2.1
CALM												18.0	
	13.4	30.9	26.2	11.9	2.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 24068 SANDHOEFEN GERMANY/COLEYAN AAP YEARS 60

DEC

CLASS ALL WEATHER

MONTH 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		4.8										4.8	3.0
NNE		4.8										4.8	3.0
NE													
ENE													
E		14.3										14.3	4.7
ESE													
SE													
SSE	4.8											4.8	3.0
S		23.8	9.5									23.8	6.9
SSW		9.5										9.5	3.0
SW													
WSW													
W													
WNW		4.8										4.8	6.0
NW													
NNW													
VARBL													
CALM												23.8	
	4.8	41.9	9.5									100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 21

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 30068 SANDHOFEN GERMANY/COLEMAN AAF YEARS: 59-70 MONTH: All

INSTRUMENT

CLASS

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

HOURLY (LST)

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	2.8	4.8	2.6	.5	.0							10.8	5.5
NNE	1.6	2.2	1.2	.1		.0						3.1	3.1
NE	1.3	1.9	.4	.1								3.7	4.5
ENE	1.3	.9	.3	.0								2.5	4.1
E	.9	.3	.1									1.3	3.3
ESE	.6	.6	.0									1.3	3.6
SE	1.1	1.4	.3	.0								2.9	4.3
SSE	1.7	4.2	1.7	.2	.0							7.9	5.3
S	2.2	6.8	3.3	1.4	.2							16.1	6.7
SSW	.7	1.9	1.9	.3	.1							3.0	6.9
SW	.3	1.0	.3	.2	.0	.0						2.4	6.2
WSW	.6	1.0	.3	.2	.0	.0						2.4	5.7
W	1.1	1.1	.3	.1			.0		.0			2.6	4.7
WNW	.7	.7	.2	.0								1.6	4.1
NW	.3	.3	.2	.1								1.6	4.6
NNW	1.2	1.8	.3	.1								3.7	4.9
VARBL	2.1	.3										2.3	2.0
CALM												26.5	
	21.4	31.8	16.4	3.8	.3	.0	.0		.0			100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 12069

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 6/10 or more, but not more than 1/2 of the sky cover is opaque.

* Low percentages in visibility column ≥ 10 miles for some months and month-hour groups are due to station reporting a maximum visibility of 7 miles for these observations.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (MILES)									
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0.5	≥ 0.25	≥ 0
NO CEILING										
1800										
1500					91.0					92.6
1200										
1000										
900										
800										
700										
600										
500								90.4		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

34065 SAUEREN GERMA Y/COLETA AAF

59-7

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

17.2	20.1	23.4	26.0	26.9	28.5	29.5	29.9	30.7	31.3	31.4	31.7	31.9	32.0	32.4
21.7	24.1	28.4	31.3	32.4	34.4	35.7	36.1	37.1	37.6	38.1	38.2	38.6	38.7	39.2
21.8	24.2	28.5	31.4	32.5	34.5	35.8	36.2	37.2	37.9	38.1	38.4	38.7	38.7	39.3
21.9	24.3	28.7	31.6	32.7	34.7	35.9	36.4	37.4	38.1	38.3	38.6	38.9	38.9	39.4
21.9	24.6	29.2	32.2	33.3	35.3	36.5	37.0	38.1	38.5	39.1	39.2	39.5	39.6	40.2
22.3	26.0	30.5	33.7	34.9	37.0	38.4	38.8	39.3	40.6	40.8	41.1	41.4	41.4	42.0
23.2	27.1	31.9	35.2	36.4	38.6	40.0	40.4	41.5	42.3	42.6	42.8	43.2	43.2	43.7
23.8	31.0	35.3	38.9	40.2	42.5	44.2	44.6	45.9	46.7	46.9	47.2	47.5	47.5	48.2
24.1	32.7	38.5	42.4	43.8	46.5	48.1	48.6	49.9	50.8	51.1	51.4	51.8	51.8	52.4
24.6	34.9	41.1	45.3	46.9	49.7	51.5	52.0	53.4	54.3	54.6	54.9	55.3	55.3	55.9
24.6	36.1	44.8	49.4	51.2	54.1	56.0	56.6	58.1	59.0	59.3	59.7	60.1	60.1	60.7
24.7	40.5	47.7	52.6	54.3	57.5	59.5	60.1	61.7	62.7	63.0	63.4	63.8	63.8	64.4
27.1	43.3	51.1	56.4	58.2	61.0	63.7	64.4	66.2	67.1	67.4	67.8	68.2	68.2	68.9
29.7	46.4	54.9	60.0	62.5	66.1	68.3	69.0	70.5	71.9	72.2	72.6	73.1	73.1	73.7
42.2	49.7	59.1	65.2	67.4	71.2	73.7	74.5	74.4	77.0	77.0	78.4	78.8	78.9	79.5
44.3	52.4	63.7	70.0	72.3	76.5	79.2	80.0	82.1	83.5	83.9	84.4	84.8	84.9	85.5
45.3	53.8	64.9	72.2	74.8	79.4	82.3	83.2	85.3	87.0	87.2	88.0	88.3	88.3	89.1
45.3	54.1	65.4	72.4	75.5	80.2	83.2	84.1	85.5	88.0	88.5	88.9	89.4	89.5	90.1
45.8	54.5	66.1	74.0	76.6	81.0	84.8	85.8	87.4	89.9	90.5	91.0	91.5	91.6	92.2
46.0	54.6	66.7	74.5	77.5	82.7	86.1	87.1	89.0	91.5	92.1	92.7	93.2	93.3	93.9
46.0	55.0	66.9	75.1	77.9	83.2	86.7	87.8	90.7	92.5	93.1	93.7	94.3	94.4	95.1
46.0	55.0	67.0	75.2	78.1	83.4	86.9	88.1	90.9	92.8	93.4	94.1	94.7	94.7	95.4
46.1	55.2	67.2	75.3	78.2	83.6	87.3	88.4	91.4	93.3	94.0	94.6	95.3	95.3	96.0
46.1	55.1	67.1	75.4	78.3	83.7	87.4	88.6	91.6	93.7	94.3	95.0	95.7	95.7	96.4
46.1	55.1	67.1	75.4	78.4	83.8	87.5	88.7	91.5	93.9	94.7	95.3	96.1	96.1	96.8
46.1	55.1	67.1	75.4	78.4	83.9	87.6	88.9	92.0	94.3	95.1	95.8	96.6	96.7	97.4
46.1	55.1	67.1	75.4	78.4	83.9	87.7	88.9	92.1	94.4	95.2	96.1	97.2	97.2	97.9
46.1	55.1	67.1	75.4	78.4	83.9	87.7	88.9	92.2	94.5	95.4	96.3	97.3	97.4	98.1
46.1	55.1	67.1	75.5	78.4	83.9	87.7	88.9	92.2	94.6	95.5	96.4	97.4	97.7	98.4
46.1	55.1	67.1	75.5	78.4	83.9	87.7	88.9	92.2	94.6	95.5	96.4	97.4	97.7	98.4

TOTAL NUMBER OF OBSERVATIONS

337

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34008

SAC/AFSCEN DEPT/AF/COM/AF

50-70

POB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
13.1	15.4	19.2	21.2	21.9	23.0	24.9	25.3	25.5	27.6	27.9	27.9	28.0	28.0	28.4	28.4	28.4	28.4	28.4	28.4
15.2	16.1	22.6	23.3	26.1	28.3	29.2	30.4	32.0	33.2	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
15.3	18.2	22.7	25.4	25.2	28.4	29.9	30.6	32.1	33.4	33.6	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
15.4	18.3	22.5	25.6	25.4	28.6	30.1	30.8	32.3	33.6	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
15.5	18.4	22.9	25.7	26.6	28.8	30.3	30.9	32.5	33.8	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
15.5	18.5	23.0	25.8	25.9	29.1	30.7	31.3	32.9	34.2	34.4	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
15.6	19.2	23.9	27.0	28.7	30.3	31.9	32.5	34.2	35.5	35.7	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
15.6	19.8	24.7	27.8	28.8	31.2	32.8	33.5	35.2	36.5	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
18.1	21.4	26.6	29.6	30.9	33.5	35.3	36.1	37.8	39.2	39.4	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
19.8	23.3	28.8	32.3	33.4	36.2	38.2	39.1	40.9	42.4	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
20.8	24.6	30.4	33.9	35.2	38.1	40.3	41.3	43.3	44.9	45.2	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
23.3	27.3	33.6	37.5	38.9	42.1	44.5	45.6	47.7	49.4	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
24.2	28.5	35.4	39.6	41.2	44.6	47.2	48.3	50.6	52.4	52.8	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
25.9	30.7	38.4	43.2	44.8	48.5	51.2	52.5	54.9	56.8	57.2	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
27.0	32.5	40.8	46.1	47.9	52.3	55.2	56.6	59.4	61.3	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
30.2	36.2	45.9	51.6	53.7	58.4	61.7	63.1	66.2	68.6	69.1	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
32.1	39.1	50.4	57.5	59.7	64.8	68.6	70.1	73.6	76.1	76.8	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
33.8	41.2	53.3	61.1	63.4	69.1	73.3	75.0	78.8	81.7	82.3	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
34.0	41.5	54.1	62.2	64.6	70.5	74.8	76.5	80.5	83.4	84.2	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
34.5	42.1	55.3	63.9	65.4	72.8	77.4	79.3	83.7	86.7	87.6	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
34.7	42.4	55.9	64.7	67.3	74.0	78.9	81.0	85.6	89.0	89.9	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
34.8	42.5	56.1	65.0	67.6	74.5	79.5	81.6	86.5	90.2	91.2	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
34.8	42.5	56.1	65.1	67.7	74.6	79.6	81.7	86.7	90.5	91.5	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
34.8	42.5	56.1	65.1	67.8	74.8	80.0	82.1	87.2	91.2	92.3	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
34.8	42.5	56.1	65.2	67.8	74.9	80.2	82.3	87.4	91.6	92.6	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
34.8	42.5	56.1	65.2	67.8	74.9	80.3	82.4	87.6	91.8	92.9	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
34.8	42.5	56.1	65.2	67.8	75.0	80.3	82.6	87.8	92.2	93.4	94.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
34.8	42.5	56.1	65.2	67.9	75.0	80.4	82.6	87.8	92.2	93.4	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
34.8	42.5	56.1	65.2	67.9	75.0	80.4	82.7	87.9	92.3	93.5	94.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
34.8	42.5	56.1	65.2	67.9	75.0	80.4	82.7	87.9	92.3	93.6	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
34.8	42.5	56.1	65.2	67.9	75.0	80.4	82.7	87.9	92.4	93.6	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
34.8	42.5	56.1	65.2	67.9	75.0	80.4	82.7	87.9	92.4	93.6	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

3918

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

34758 SA. LUFEN GERMANY/CLEMAN AFB

69-7

AR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

14.4	17.6	21.2	24.0	24.7	26.8	28.5	28.9	30.2	31.3	31.6	31.6	32.0	32.0	32.4
17.1	21.1	25.4	28.9	29.7	32.2	34.0	34.5	36.2	37.6	37.9	38.1	38.5	38.5	38.9
17.1	21.1	25.4	28.9	29.8	32.2	34.1	34.6	36.3	37.6	38.1	38.2	38.5	38.5	38.9
17.2	21.2	25.6	29.1	29.9	32.4	34.2	34.8	36.5	37.8	38.1	38.4	38.7	38.7	39.0
17.5	21.6	25.9	29.5	30.4	32.9	34.7	35.3	37.0	38.3	38.6	38.9	39.2	39.2	39.5
17.7	21.9	26.4	30.1	31.0	33.6	35.5	36.0	37.8	39.1	39.4	39.7	40.0	40.0	40.3
18.2	22.5	27.1	30.9	31.9	34.6	36.5	37.0	38.8	40.2	40.5	40.8	41.1	41.1	41.5
19.6	24.1	29.2	33.4	34.4	37.3	39.3	40.0	42.0	43.4	43.8	44.0	44.3	44.3	44.7
20.9	25.7	31.2	35.6	36.7	39.6	41.8	42.5	44.6	46.1	46.5	46.7	47.1	47.1	47.5
22.8	27.7	33.7	38.4	39.6	42.7	44.9	45.7	47.7	49.3	49.7	50.0	50.4	50.4	50.8
25.3	30.9	37.5	42.8	44.1	47.3	49.9	50.6	52.8	54.4	54.9	55.2	55.6	55.6	56.0
27.6	33.8	41.0	46.8	48.1	51.6	54.2	55.0	57.2	58.8	59.3	59.7	60.1	60.1	60.4
29.9	36.7	44.5	50.8	52.2	55.8	58.6	59.6	62.0	63.7	64.2	64.6	65.0	65.0	65.4
32.8	41.0	50.2	57.1	58.6	62.4	65.4	66.4	69.0	70.8	71.2	71.6	72.1	72.1	72.4
36.2	45.2	55.3	63.9	65.7	69.7	73.0	74.1	76.9	78.7	79.2	79.6	80.0	80.0	80.4
39.0	49.1	61.0	70.3	72.2	76.5	80.1	81.5	84.3	86.3	86.8	87.1	87.6	87.6	88.0
40.4	51.4	64.2	73.6	75.6	80.5	84.3	85.5	88.6	90.7	91.2	91.6	92.0	92.1	92.4
40.7	51.6	64.7	74.4	76.5	81.4	85.2	86.5	89.6	91.7	92.2	92.6	93.1	93.1	93.5
42.9	52.1	65.4	75.4	77.7	82.9	86.9	88.2	91.4	93.6	94.1	94.5	95.0	95.0	95.4
41.2	52.5	66.0	76.3	78.6	84.1	88.6	90.0	93.3	95.5	96.1	96.5	96.9	97.0	97.3
41.2	52.5	66.1	76.4	78.7	84.2	89.0	90.4	94.0	96.3	96.9	97.3	97.8	97.8	98.2
41.2	52.5	66.1	76.4	78.8	84.5	89.1	90.6	94.1	96.4	97.0	97.5	98.0	98.0	98.4
41.2	52.5	66.1	76.5	78.8	84.5	89.1	90.6	94.2	96.6	97.2	97.7	98.3	98.3	98.7
41.2	52.5	66.1	76.5	78.9	84.6	89.2	90.7	94.3	96.8	97.5	98.0	98.5	98.5	98.9
41.2	52.5	66.1	76.5	78.9	84.6	89.3	90.7	94.4	97.0	97.7	98.2	98.7	98.8	99.1
41.2	52.5	66.1	76.5	78.9	84.6	89.4	90.8	94.4	97.1	97.9	98.4	99.1	99.1	99.5
41.2	52.5	66.1	76.5	78.9	84.7	89.4	90.9	94.5	97.2	98.0	98.6	99.3	99.3	99.7
41.2	52.5	66.1	76.5	78.9	84.7	89.5	90.9	94.6	97.3	98.1	98.7	99.4	99.4	99.8
41.2	52.5	66.1	76.5	78.9	84.7	89.5	90.9	94.6	97.3	98.2	98.7	99.4	99.5	99.9
41.2	52.5	66.1	76.5	78.9	84.7	89.5	90.9	94.6	97.3	98.2	98.7	99.4	99.5	99.9
41.2	52.5	66.1	76.5	78.9	84.7	89.5	90.9	94.6	97.3	98.2	98.7	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

4551

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

34068

SANDHORN GERMANY/COLEMAN AAF

80-70

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2.5	2.0	1.5	1.0	0.75	0.5	0.25	0.15	0.1	0.075	0.05	0.025	0.015	0.01	0.0075	0.005
1000	24.4	27.7	31.3	32.7	33.4	34.2	34.6	34.7	35.2	35.3	35.3	35.3	35.4	35.4	35.4	35.4
900	30.7	34.6	38.7	40.4	41.2	42.2	42.7	42.9	43.4	43.5	43.6	43.6	43.7	43.7	43.7	43.7
800	30.7	34.6	38.7	40.5	41.3	42.2	42.7	42.9	43.4	43.6	43.6	43.6	43.8	43.8	43.8	43.8
700	30.7	34.6	38.8	40.6	41.4	42.4	42.9	43.0	43.6	43.7	43.7	43.8	43.9	43.9	43.9	43.9
600	31.0	34.9	39.0	40.8	41.6	42.6	43.1	43.3	43.8	43.9	44.0	44.0	44.1	44.1	44.1	44.2
500	31.8	35.9	40.1	41.9	42.7	43.6	44.3	44.4	45.0	45.1	45.1	45.2	45.3	45.3	45.3	45.3
400	33.3	37.7	42.0	44.0	44.8	45.9	46.5	46.6	47.2	47.3	47.3	47.4	47.5	47.5	47.5	47.5
300	34.6	39.2	43.8	45.9	46.8	47.9	48.5	48.7	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.7
200	38.7	44.1	49.0	51.2	52.1	53.4	54.1	54.2	54.9	55.1	55.1	55.2	55.3	55.3	55.3	55.3
100	42.2	48.2	53.6	56.0	57.1	58.5	59.3	59.4	60.1	60.2	60.2	60.3	60.6	60.6	60.6	60.6
0	44.4	50.7	56.3	58.9	60.0	61.7	62.6	62.8	63.5	63.7	63.7	63.9	64.0	64.0	64.0	64.0
1000	47.6	54.2	60.6	63.5	64.8	66.7	67.5	67.8	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.1
900	50.4	57.7	64.5	67.7	69.0	71.0	71.9	72.1	73.0	73.2	73.2	73.4	73.5	73.5	73.5	73.5
800	54.6	62.2	69.5	73.0	74.4	76.2	77.4	77.7	78.6	78.8	78.9	79.0	79.2	79.2	79.2	79.2
700	58.3	66.8	74.9	79.0	80.6	82.9	83.8	84.1	85.2	85.5	85.5	85.7	85.9	85.9	85.9	85.9
600	61.9	71.1	80.0	84.6	86.3	88.7	89.7	89.9	91.1	91.4	91.4	91.6	91.8	91.8	91.8	91.8
500	63.4	72.9	82.7	87.6	89.3	91.9	93.0	93.3	94.6	95.0	95.0	95.2	95.4	95.4	95.4	95.4
400	64.1	73.8	83.5	88.9	90.6	93.2	94.3	94.7	96.0	96.4	96.4	96.7	96.9	96.9	96.9	96.9
300	64.2	74.0	84.0	89.3	91.0	93.7	94.8	95.1	96.5	96.8	96.9	97.2	97.4	97.4	97.4	97.4
200	64.4	74.4	84.6	89.9	91.6	94.3	95.7	96.1	97.4	97.8	97.9	98.1	98.3	98.3	98.3	98.3
100	64.6	74.6	85.0	90.3	92.1	95.0	96.2	96.6	97.9	98.3	98.4	98.6	98.8	98.8	98.8	98.9
0	64.7	74.7	85.2	90.5	92.3	95.2	96.5	96.8	98.2	98.6	98.8	99.0	99.2	99.2	99.2	99.2
1000	64.7	74.7	85.2	90.6	92.4	95.3	96.6	96.9	98.3	98.7	98.8	99.0	99.2	99.2	99.2	99.2
900	64.7	74.7	85.2	90.7	92.4	95.4	96.6	97.0	98.4	98.8	98.9	99.1	99.3	99.3	99.3	99.3
800	64.7	74.8	85.4	90.8	92.6	95.5	96.8	97.1	98.5	98.9	99.0	99.3	99.5	99.5	99.5	99.5
700	64.7	74.8	85.4	90.8	92.6	95.5	96.8	97.2	98.6	99.0	99.1	99.3	99.5	99.5	99.5	99.5
600	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6
500	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6
400	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.8	99.2	99.3	99.5	99.7	99.7	99.7	99.7
300	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.8	99.2	99.4	99.6	99.9	99.9	99.9	99.9
200	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9
100	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9
0	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

4367

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDHOEFEN GERMANY/COLEMAN AAF 60-70

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0.5	≥ 0.3	≥ 0.2	≥ 0.1	≥ 0.05	≥ 0.03	≥ 0.02	≥ 0.01	≥ 0.005	≥ 0.003	≥ 0.002	≥ 0.001
NO CEILING	27.7	33.3	33.6	35.3	36.9	38.2	38.9	39.0	39.4	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
IV ≥ 1000	34.2	37.3	41.8	44.3	45.6	47.0	47.9	48.0	48.4	48.9	49.2	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.3
IV ≥ 8000	34.3	37.4	41.8	44.4	45.7	47.1	48.0	48.1	48.5	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.3	49.3
IV ≥ 6000	34.4	37.5	42.0	44.6	45.9	47.3	48.2	48.3	48.7	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5
IV ≥ 4000	35.0	38.2	42.7	45.3	46.6	48.0	48.9	49.0	49.4	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2
IV ≥ 2000	35.1	39.5	44.2	46.9	48.2	49.7	50.7	50.8	51.3	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.1
IV ≥ 1000	37.3	40.8	45.0	48.6	49.9	51.5	52.5	52.6	53.1	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
IV ≥ 8000	41.6	45.5	51.0	53.9	55.5	57.3	58.4	58.5	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
IV ≥ 7000	44.9	49.0	55.0	58.3	59.9	61.8	62.9	63.1	63.6	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
IV ≥ 6000	47.2	51.7	58.0	61.6	63.2	65.2	66.4	66.5	67.1	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
IV ≥ 5000	50.8	55.9	62.7	66.5	68.3	70.4	71.5	71.7	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
IV ≥ 4500	53.3	58.7	65.8	69.8	71.6	73.7	74.8	75.0	75.6	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
IV ≥ 4000	56.7	62.3	69.8	74.0	75.9	78.2	79.3	79.5	80.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2
IV ≥ 3500	59.6	65.5	73.4	77.8	79.8	82.1	83.3	83.6	84.4	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
IV ≥ 3000	62.8	69.0	77.8	82.6	84.6	87.1	88.6	88.8	89.7	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
IV ≥ 2500	64.7	71.4	80.8	86.0	88.0	90.6	92.4	92.6	93.6	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9
IV ≥ 2000	65.7	72.5	82.1	87.3	89.3	92.4	94.0	94.3	95.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.7
IV ≥ 1800	65.8	72.6	82.3	87.7	89.8	92.7	94.3	94.5	95.5	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
IV ≥ 1500	65.1	73.0	82.8	88.5	90.8	93.7	95.3	95.6	96.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IV ≥ 1200	66.3	73.2	83.2	88.9	91.3	94.3	95.9	96.2	97.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
IV ≥ 1000	66.4	73.3	83.4	89.1	91.5	94.6	96.2	96.5	97.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
IV ≥ 900	65.4	73.3	83.4	89.1	91.5	94.6	96.3	96.6	97.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
IV ≥ 800	65.4	73.4	83.4	89.2	91.7	94.8	96.6	96.9	97.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV ≥ 700	65.4	73.4	83.4	89.2	91.7	94.8	96.6	96.9	97.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV ≥ 600	65.4	73.4	83.4	89.2	91.7	94.8	96.6	96.9	97.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV ≥ 500	65.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV ≥ 400	65.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV ≥ 300	65.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
IV ≥ 200	65.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
IV ≥ 100	65.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
IV ≥ 0	65.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 4316

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA DLFEL GERMANY/COLEMAN AAF 60-70

444
 444

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	≥0
NO CEILING	26.2	29.9	33.4	35.4	36.1	37.6	38.3	38.6	39.1	39.3	39.3	39.4	39.5	39.5	39.7
IV 2000	30.4	34.7	38.9	41.2	42.1	42.7	44.5	44.8	45.3	45.7	45.8	46.0	46.1	46.1	46.2
IV 1800	30.4	34.8	38.9	41.3	42.1	43.7	44.6	44.9	45.5	45.8	45.9	46.0	46.1	46.1	46.3
IV 1600	30.4	34.8	38.9	41.3	42.2	43.8	44.6	44.9	45.6	45.8	45.9	46.1	46.2	46.2	46.4
IV 1400	30.6	35.0	39.1	41.5	42.4	44.0	44.9	45.2	45.8	46.1	46.1	46.3	46.4	46.4	46.6
IV 1200	31.1	35.5	39.7	42.1	43.0	44.6	45.5	45.8	46.4	46.7	46.8	46.9	47.0	47.0	47.2
IV 1000	32.8	37.3	41.6	44.2	45.2	46.9	47.8	48.1	48.8	49.0	49.1	49.3	49.4	49.4	49.6
IV 800	34.2	38.8	43.3	46.0	47.0	48.9	49.8	50.1	50.8	51.1	51.2	51.4	51.5	51.5	51.7
IV 600	38.8	44.1	49.1	52.2	53.3	55.5	56.5	56.8	57.6	57.9	58.0	58.2	58.3	58.3	58.5
IV 400	43.4	49.2	55.0	58.3	59.6	61.9	63.1	63.5	64.3	64.6	64.7	64.9	65.0	65.0	65.2
IV 200	46.7	52.7	58.9	62.7	64.1	66.5	67.7	68.1	69.0	69.3	69.3	69.7	69.8	69.8	70.0
IV 100	51.2	57.7	64.3	68.5	70.0	72.7	73.9	74.3	75.3	75.6	75.8	76.0	76.1	76.1	76.3
IV 0	53.9	60.9	68.0	72.4	74.0	76.7	78.0	78.5	79.5	79.8	80.0	80.2	80.3	80.3	80.5
IV 2000	57.3	64.6	72.0	76.7	78.3	81.1	82.5	83.0	84.0	84.4	84.5	84.7	84.8	84.8	85.0
IV 1800	61.2	68.8	76.5	81.4	83.1	86.0	87.4	87.8	88.9	89.3	89.4	89.6	89.7	89.7	89.9
IV 1600	64.3	72.2	80.1	85.1	87.0	89.9	91.4	91.8	92.9	93.3	93.4	93.6	93.8	93.8	94.0
IV 1400	65.2	73.6	81.9	87.3	89.4	92.4	93.8	94.3	95.4	95.8	96.0	96.2	96.3	96.3	96.5
IV 1200	66.0	74.6	83.0	88.7	90.9	93.8	95.3	95.8	97.0	97.4	97.6	97.8	97.9	97.9	98.1
IV 1000	66.3	74.9	83.4	89.1	91.2	94.3	95.8	96.3	97.5	97.9	98.1	98.3	98.4	98.4	98.6
IV 800	66.3	75.1	83.9	89.7	91.9	95.1	96.6	97.1	98.3	98.8	99.0	99.2	99.3	99.3	99.5
IV 600	66.4	75.2	84.0	89.8	92.0	95.3	96.7	97.2	98.5	98.9	99.1	99.3	99.3	99.3	99.5
IV 400	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.3	99.3	99.3	99.5
IV 200	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.3	99.3	99.3	99.5
IV 100	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.4	98.6	99.1	99.3	99.3	99.3	99.3	99.5
IV 0	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.4	98.6	99.2	99.3	99.3	99.3	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS

4401

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SANDROPER GERMANY/CWLE 14N AAF

59-70

A-3

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05
NO CEILING	23.6	26.5	30.6	33.4	34.4	36.2	37.0	37.3	37.8	37.9	37.9	38.1	38.1	38.1	38.2
IV 2000	23.6	33.3	38.4	41.8	42.9	45.0	46.1	46.4	47.1	47.3	47.4	47.5	47.7	47.7	47.8
IV 1500	29.7	33.4	38.5	41.9	43.0	45.1	46.2	46.5	47.2	47.4	47.5	47.6	47.8	47.8	47.9
IV 1000	29.8	33.5	38.6	42.2	43.2	45.2	46.3	46.7	47.3	47.5	47.6	47.8	47.9	47.9	48.0
IV 800	29.9	33.6	38.8	42.2	43.3	45.4	46.5	46.8	47.5	47.7	47.8	47.9	48.1	48.1	48.2
IV 600	30.8	34.6	39.8	43.2	44.3	46.5	47.6	47.9	48.6	48.8	48.9	49.0	49.2	49.2	49.3
IV 500	33.0	36.8	42.2	45.9	47.1	49.3	50.4	50.9	51.6	51.8	51.9	52.1	52.2	52.2	52.4
IV 400	34.4	38.5	44.2	48.0	49.3	51.5	52.7	53.2	54.0	54.2	54.3	54.4	54.6	54.6	54.7
IV 300	39.1	44.0	50.1	54.4	55.8	58.1	59.6	60.0	61.0	61.3	61.4	61.7	61.8	61.8	62.0
IV 200	43.1	48.2	54.7	59.3	60.8	63.3	65.1	65.6	66.6	66.9	67.0	67.2	67.4	67.4	67.6
IV 150	45.8	51.3	58.1	63.0	64.6	67.2	69.2	69.7	70.7	71.1	71.2	71.4	71.6	71.6	71.7
IV 100	49.1	55.1	62.1	67.3	69.0	71.9	74.0	74.5	75.6	76.0	76.1	76.4	76.6	76.6	76.7
IV 0	52.3	58.6	66.1	71.3	73.1	76.0	78.1	78.6	79.8	80.2	80.3	80.6	80.7	80.7	80.9
IV 2500	55.2	61.9	69.7	75.4	77.2	80.2	82.4	82.9	84.2	84.7	84.8	85.0	85.2	85.2	85.3
IV 2000	58.2	65.3	73.5	79.3	81.2	84.4	86.6	87.1	88.3	88.9	89.0	89.3	89.4	89.4	89.6
IV 1500	60.6	67.9	76.6	82.6	84.6	87.8	90.1	90.6	92.0	92.5	92.6	92.9	93.1	93.1	93.2
IV 1000	62.1	69.9	79.2	85.6	87.8	91.2	93.5	94.0	95.5	96.0	96.2	96.4	96.6	96.6	96.8
IV 800	62.4	70.3	79.7	86.2	88.5	91.9	94.3	94.8	96.3	96.9	97.0	97.3	97.5	97.5	97.6
IV 600	62.5	70.4	79.9	86.4	88.7	92.1	94.6	95.1	96.6	97.2	97.3	97.6	97.8	97.8	98.0
IV 500	62.6	70.6	80.1	86.7	89.1	92.5	95.0	95.5	97.1	97.7	97.9	98.2	98.4	98.4	98.5
IV 400	62.6	70.6	80.2	86.9	89.3	92.8	95.4	96.0	97.5	98.2	98.4	98.7	98.9	98.9	99.0
IV 300	62.6	70.7	80.3	87.1	89.5	93.0	95.5	96.2	97.7	98.4	98.6	98.9	99.1	99.1	99.3
IV 200	62.7	70.7	80.4	87.1	89.5	93.1	95.6	96.2	97.8	98.5	98.7	99.0	99.2	99.2	99.4
IV 150	62.7	70.7	80.4	87.2	89.6	93.2	95.7	96.4	98.0	98.7	98.9	99.1	99.3	99.3	99.5
IV 100	62.7	70.7	80.4	87.2	89.6	93.2	95.8	96.4	98.1	98.7	98.9	99.2	99.4	99.4	99.6
IV 0	62.7	70.7	80.4	87.2	89.6	93.2	95.8	96.4	98.1	98.7	98.9	99.2	99.4	99.4	99.6
IV 2000	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.7
IV 1500	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 1000	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 800	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 600	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 500	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 400	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 300	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 200	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.8
IV 100	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	99.9
IV 0	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 4924

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

3406A SA DUELEN GERMANY/CELLE AAF

59-73

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING	0	100	200	300	400	500	600	700	800	900	1000	1200	1400	1500	1600	1800	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000		
0	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
100	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
200	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
300	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
400	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
500	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
600	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
700	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
800	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
900	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
1000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
1200	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
1400	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
1500	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
1600	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
1800	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
2000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
2500	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
3000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
3500	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
4000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
4500	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
5000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
6000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
7000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
8000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													
9000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	95.4	96.6	96.7	99.4													

TOTAL NUMBER OF OBSERVATIONS 4640

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34000

SANDLUFER GERMANY/COLEMAN AAF

59-70

JGT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
NO CEILING	11.9	15.1	19.3	22.6	24.1	26.4	28.1	28.6	29.9	31.4	31.9	32.6	33.5	33.6	34.8	
20000	14.1	17.2	22.3	26.4	28.1	30.6	32.8	33.5	35.4	37.1	37.8	38.5	39.5	39.7	41.1	
M 18000	14.1	17.5	22.3	26.4	28.1	30.6	32.9	33.5	35.4	37.1	37.8	38.5	39.6	39.7	41.1	
M 16000	14.1	17.5	22.4	26.4	28.1	30.8	32.9	33.5	35.4	37.2	37.8	38.5	39.6	39.7	41.2	
M 14000	14.3	17.7	22.7	26.7	28.4	31.1	33.2	33.9	35.8	37.5	38.2	38.9	39.9	40.1	41.5	
M 12000	14.5	17.9	23.0	27.1	28.8	31.6	33.7	34.3	36.2	38.0	38.6	39.3	40.4	40.5	42.0	
M 10000	15.0	18.6	23.8	28.2	29.9	32.7	34.9	35.5	37.5	39.3	40.0	40.7	41.8	41.9	43.4	
M 9000	15.6	19.4	25.0	29.9	31.4	34.3	36.5	37.2	39.3	41.1	41.8	42.5	43.6	43.7	45.2	
M 8000	17.5	21.4	27.7	32.0	34.5	37.6	39.9	40.6	42.8	44.7	45.5	46.2	47.3	47.4	49.0	
M 7000	19.1	23.3	30.0	35.2	37.2	40.5	43.0	43.7	46.0	48.0	48.7	49.4	50.5	50.6	52.2	
M 6000	20.7	25.2	32.2	37.8	39.9	43.5	46.1	46.9	49.3	51.4	52.1	52.9	54.0	54.1	55.7	
M 5000	22.1	27.1	34.8	40.7	42.9	46.9	49.7	50.5	53.1	55.4	56.1	56.9	58.0	58.1	59.7	
M 4000	23.5	28.7	36.7	42.8	45.1	49.3	52.3	53.1	55.7	58.0	58.8	59.6	60.7	60.8	62.4	
M 3000	25.2	30.7	39.6	46.1	48.2	52.9	55.9	56.7	59.4	61.8	62.6	63.4	64.6	64.7	66.2	
M 2000	27.1	33.2	42.7	49.5	52.0	56.5	59.6	60.5	63.3	65.7	66.6	67.4	68.6	68.7	70.2	
M 1500	29.1	35.9	46.5	53.9	56.2	61.0	64.3	65.2	68.0	70.6	71.5	72.4	73.5	73.6	75.2	
M 1000	30.6	37.8	49.7	57.6	60.4	65.5	69.1	70.0	73.1	75.9	76.8	77.7	78.9	79.0	80.5	
M 800	31.0	38.7	51.0	59.2	62.3	67.5	71.7	72.7	76.1	79.0	80.0	80.9	82.0	82.1	83.7	
M 700	31.2	39.0	51.4	60.0	63.0	68.5	72.5	73.5	76.9	79.8	80.8	81.7	82.9	83.0	84.6	
M 600	31.3	39.2	51.8	60.5	63.6	69.0	73.7	74.8	78.4	81.3	82.3	83.4	84.5	84.6	86.2	
M 500	31.4	39.5	52.2	61.2	64.5	70.0	74.8	76.0	79.8	82.8	83.9	84.9	86.1	86.2	87.8	
M 400	31.4	39.5	52.3	61.5	64.7	70.7	75.2	76.5	80.4	83.6	84.7	85.8	87.0	87.1	88.7	
M 300	31.4	39.5	52.4	61.6	64.8	70.8	75.4	76.7	80.6	83.9	85.0	86.1	87.3	87.4	89.0	
M 200	31.5	39.6	52.5	61.8	65.1	71.2	75.8	77.0	81.0	84.4	85.5	86.6	87.8	87.9	89.5	
M 100	31.5	39.7	52.6	61.9	65.2	71.3	76.0	77.3	81.3	84.8	86.0	87.0	88.3	88.4	90.0	
M 50	31.5	39.8	52.7	62.0	65.3	71.5	76.2	77.5	81.6	85.2	86.4	87.5	88.8	89.0	90.6	
M 40	31.5	39.8	52.8	62.1	65.4	71.6	76.5	77.9	82.1	86.1	87.4	88.6	90.1	90.3	91.9	
M 30	31.5	39.9	52.9	62.1	65.5	71.7	76.6	78.1	82.5	86.6	88.1	89.4	91.1	91.3	93.2	
M 20	31.5	39.9	52.9	62.2	65.6	71.8	76.6	78.1	82.6	87.0	88.5	89.9	91.9	92.4	94.8	
M 10	31.5	39.9	52.9	62.2	65.6	71.8	76.6	78.1	82.7	87.1	88.7	90.2	92.5	93.2	95.5	
M 0	31.5	39.9	52.9	62.2	65.6	71.8	76.7	78.2	82.9	87.3	89.0	90.4	92.8	93.6	99.1	
	31.5	39.9	52.9	62.2	65.6	71.8	76.7	78.2	83.0	87.4	89.1	90.5	92.9	93.7	100.0	

TOTAL NUMBER OF OBSERVATIONS

4749

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34008

SANDHOEFEN GERMANY/COLEMAN AAF

59-70

66V

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

444

CEILING FEET	VISIBILITY STATUSES (MILES)															
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
10000	4.3	9.8	11.8	13.5	14.2	15.4	16.3	16.7	17.6	18.2	18.4	18.7	19.1	19.1	19.1	20.1
9000	10.1	12.0	14.5	17.0	17.9	19.8	21.0	21.5	22.8	23.7	23.9	24.2	24.7	24.8	24.8	25.9
8000	10.1	12.0	14.5	17.0	17.9	19.8	21.0	21.5	22.8	23.7	23.9	24.2	24.7	24.8	24.8	25.9
7000	10.1	12.0	14.5	17.0	17.9	19.8	21.0	21.5	22.8	23.7	23.9	24.2	24.7	24.8	24.8	25.9
6000	10.1	12.0	14.5	17.0	17.9	19.8	21.0	21.5	22.8	23.7	23.9	24.2	24.7	24.8	24.8	25.9
5000	10.1	12.0	14.5	17.0	17.9	19.8	21.0	21.5	22.8	23.7	23.9	24.2	24.7	24.8	24.8	25.9
4500	10.4	12.5	15.0	17.7	18.5	20.6	21.8	22.2	23.6	24.5	24.8	25.1	25.7	25.8	26.2	26.9
4000	11.0	13.3	16.0	18.7	19.7	21.9	23.2	23.7	25.2	26.1	26.4	26.8	27.4	27.5	28.7	28.7
3500	12.1	14.5	17.5	20.5	21.5	23.8	25.2	25.7	27.2	28.1	28.5	28.8	29.4	29.5	30.7	30.7
3000	13.7	16.5	19.7	23.2	24.4	26.9	28.4	28.8	30.4	31.4	31.7	32.1	32.7	32.8	34.0	34.0
2500	14.8	17.8	21.5	25.3	26.6	29.3	30.8	31.3	33.1	34.1	34.5	34.9	35.6	35.6	36.9	36.9
2000	16.2	19.6	23.6	28.0	29.5	32.6	34.3	34.9	36.8	38.0	38.4	38.8	39.6	39.7	40.9	40.9
1500	18.4	22.1	26.7	31.5	33.2	36.2	38.5	39.1	41.2	42.6	43.1	43.6	44.4	44.5	45.7	45.7
1000	20.0	24.2	29.5	34.5	36.3	39.7	41.8	42.8	44.7	46.1	46.6	47.1	47.9	48.0	49.3	49.3
900	21.7	26.3	32.3	37.8	39.6	43.3	45.5	46.2	48.5	50.1	50.6	51.1	51.9	52.0	53.3	53.3
800	23.9	28.9	35.6	41.2	43.4	47.4	49.9	50.6	53.0	54.6	55.2	55.7	56.6	56.7	58.0	58.0
700	27.2	32.0	40.6	47.0	49.6	54.0	56.8	57.7	60.3	62.0	62.6	63.2	64.1	64.2	65.5	65.5
600	29.6	36.3	45.8	53.1	56.0	61.2	64.4	65.4	68.3	70.0	70.7	71.3	72.2	72.3	73.7	73.7
500	31.3	38.5	48.7	56.6	59.7	65.7	69.2	70.2	73.2	75.1	75.8	76.4	77.3	77.4	78.8	78.8
400	31.6	39.1	49.5	57.6	60.9	67.0	70.6	71.5	74.6	76.6	77.3	77.9	78.8	78.9	80.3	80.3
300	32.0	39.8	50.5	59.5	63.1	69.6	73.6	74.5	77.8	79.8	80.7	81.3	82.3	82.4	83.7	83.7
200	32.5	40.4	51.8	61.0	64.8	71.9	75.9	77.0	80.3	82.5	83.5	84.2	85.2	85.3	86.7	86.7
100	32.5	40.5	52.0	61.5	65.4	72.8	77.0	78.2	81.7	84.1	85.1	85.8	87.1	87.2	88.6	88.6
0	32.6	40.6	52.1	61.7	65.7	73.2	77.4	78.7	82.4	85.0	86.0	86.8	88.1	88.2	89.6	89.6
900	32.6	40.6	52.2	61.8	65.9	73.6	77.9	79.4	83.3	86.2	87.2	88.0	89.3	89.5	91.0	91.0
800	32.6	40.6	52.2	61.9	66.0	73.8	78.3	79.7	83.7	86.9	87.9	88.8	90.2	90.3	91.7	91.7
700	32.6	40.7	52.2	61.9	66.0	73.8	78.5	80.0	84.1	87.4	88.5	89.6	91.2	91.3	92.7	92.7
600	32.6	40.7	52.2	61.9	66.0	73.9	78.6	80.1	84.4	87.8	89.2	90.4	92.2	92.3	93.8	93.8
500	32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.5	88.0	89.4	90.8	92.9	93.0	94.9	94.9
400	32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.6	88.2	89.8	91.2	93.6	93.7	96.1	96.1
300	32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.6	88.2	89.9	91.4	94.0	94.1	97.8	97.8
200	32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.6	88.2	89.9	91.4	94.0	94.1	99.2	99.2
100	32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.6	88.2	89.9	91.4	94.0	94.1	100.0	100.0
0	32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.6	88.2	89.9	91.4	94.0	94.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

4534

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34062

SA W-WEF: GERMANY/COLEMAN AAF

39-73

REC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16	≥ 17	≥ 18	≥ 19	≥ 20	≥ 21	≥ 22	≥ 23	≥ 24	≥ 25	≥ 26	≥ 27	≥ 28	≥ 29	≥ 30	
NO CEILING	5.4	7.0	11.0	13.1	13.7	15.3	15.2	16.5	16.9	17.4	17.4	17.9	14.2	18.2	18.4							
IV 2000	6.5	9.0	13.2	15.7	15.3	18.3	19.3	19.7	20.1	20.7	20.9	21.2	21.7	21.7	22.2							
IV 1800	5.5	9.0	13.2	15.7	16.3	18.4	19.3	19.7	20.1	20.7	20.9	21.2	21.7	21.7	22.7							
IV 1600	6.5	9.0	13.3	15.9	16.4	18.4	19.3	19.7	20.2	20.8	20.9	21.3	21.7	21.9	22.2							
IV 1400	6.5	9.1	13.4	15.9	16.5	18.6	19.5	19.9	20.3	21.0	21.1	21.5	21.9	21.9	22.4							
IV 1200	6.8	9.4	13.8	16.3	17.0	19.1	20.0	20.4	20.8	21.4	21.6	21.9	22.4	22.4	22.9							
IV 1000	7.2	9.9	14.4	17.3	18.0	20.1	21.1	21.5	22.0	22.6	22.8	23.1	23.6	23.6	24.1							
IV 800	7.7	10.5	15.1	18.2	18.9	21.1	22.0	22.5	22.9	23.6	23.8	24.2	24.7	24.7	25.2							
IV 600	8.1	11.0	15.9	19.4	20.2	22.5	23.7	24.2	24.7	25.4	25.6	26.0	26.5	26.5	27.0							
IV 400	8.9	12.2	17.6	21.7	22.5	25.3	26.6	27.2	27.7	28.4	28.6	29.0	29.6	29.6	30.1							
IV 200	10.2	14.0	19.6	24.1	25.1	28.0	29.4	30.2	30.8	31.5	31.7	32.1	32.7	32.7	33.7							
IV 100	12.2	16.9	23.1	27.8	29.0	32.1	33.5	34.4	35.1	35.9	36.1	36.5	37.1	37.1	37.6							
IV 0	13.6	18.7	25.3	30.3	31.5	34.9	36.5	37.4	38.2	39.0	39.2	39.7	40.2	40.3	40.7							
IV 2000	13.6	21.4	28.8	34.2	35.4	39.1	40.9	41.8	42.8	43.7	43.9	44.3	44.9	45.0	45.5							
IV 1800	17.1	23.2	31.5	37.5	38.8	42.7	44.6	45.5	46.7	47.7	47.9	48.4	49.0	49.0	49.5							
IV 1600	19.2	26.1	35.6	42.3	43.7	48.1	50.3	51.4	52.6	53.7	53.9	54.4	55.0	55.0	55.6							
IV 1400	21.5	29.5	41.0	48.7	50.5	56.0	58.7	59.8	61.7	63.0	63.3	63.9	64.6	64.6	65.2							
IV 1200	23.6	32.6	45.3	54.0	56.1	62.4	65.8	67.3	69.7	71.4	71.8	72.4	73.2	73.2	73.8							
IV 1000	24.2	33.4	46.4	55.5	57.7	64.3	67.8	69.4	71.9	73.6	74.1	74.7	75.4	75.5	76.0							
IV 800	24.8	34.7	48.6	58.2	60.8	68.0	72.0	73.8	76.6	78.5	79.0	79.8	80.5	80.6	81.1							
IV 600	25.4	35.8	50.4	60.6	63.5	71.0	75.4	77.3	80.6	82.8	83.5	84.3	85.1	85.1	85.7							
IV 400	25.8	36.5	51.4	61.9	65.1	73.2	77.9	80.2	83.9	86.3	87.3	88.6	89.3	89.4	90.0							
IV 200	25.9	36.7	51.8	62.4	65.7	73.9	78.7	81.0	84.8	87.2	88.3	89.4	90.3	90.3	90.9							
IV 0	25.9	36.8	52.1	63.0	66.3	74.7	79.8	82.3	86.1	88.7	89.8	91.1	92.1	92.1	92.7							
IV 2000	25.9	36.9	52.3	63.3	66.6	75.0	80.2	82.7	86.7	89.4	90.6	91.9	93.0	93.0	93.6							
IV 1800	25.9	36.9	52.3	63.3	66.6	75.2	80.5	83.1	87.3	90.1	91.5	92.8	93.9	93.9	94.6							
IV 1600	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.3	87.7	90.7	92.3	93.7	94.9	94.9	95.6							
IV 1400	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.8	91.0	92.6	94.0	95.5	95.6	96.4							
IV 1200	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.9	91.2	92.8	94.5	96.5	96.7	97.1							
IV 1000	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.9	91.2	92.8	94.5	96.5	96.8	98.7							
IV 800	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.9	91.2	92.8	94.5	96.5	96.8	100.0							

TOTAL NUMBER OF OBSERVATIONS 4543

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

30065 SAND LIEFEN GERMANY/COLEMAN AAF

04

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FT)	VISIBILITY (STAT) (MI)																											
	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
6000																												
5000																												
4000																												
3000																												
2500																												
2000																												
1800																												
1500																												
1200																												
1000																												
900																												
800																												
700																												
600																												
500																												
400																												
300																												
200																												
100																												
0																												

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESS: 01151
 USAF ETAC
 AIR EST 43 DE WIC/AC

CEILING VERSUS VISIBILITY

34063 SA 01151 TERNBY/CELESTAL WAF 62-65

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

13 0-65

	5.5	7.9	14.4	16.0	16.5	17.6	18.7	18.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
	5.6	11.0	17.4	17.6	17.6	18.7	19.8	19.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
	5.6	11.0	17.4	17.6	17.6	18.7	19.8	19.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
	5.6	11.0	17.4	17.6	17.6	18.7	19.8	19.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
	7.7	13.2	19.8	19.8	19.8	20.9	22.0	22.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
	7.7	13.2	19.8	19.8	19.8	20.9	22.0	22.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
	7.7	13.2	20.9	20.9	20.9	22.0	23.1	23.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
	7.7	14.3	22.0	22.0	22.0	23.1	24.2	24.2	25.3	25.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
	7.7	15.4	23.1	23.1	23.1	24.2	25.3	25.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
	11.0	17.6	26.4	26.4	26.4	27.5	28.6	28.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
	13.2	19.8	30.7	30.7	30.7	31.9	34.1	34.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
	14.3	20.9	36.3	36.3	36.3	37.4	40.7	40.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
	14.3	20.9	37.4	38.5	38.5	39.6	42.9	42.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
	14.3	20.9	39.6	40.7	40.7	41.8	45.1	45.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
	16.5	23.1	46.2	46.4	46.4	49.5	52.7	52.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
	19.8	27.5	52.7	57.1	57.1	60.4	63.7	63.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
	19.8	27.5	52.7	57.1	57.1	61.5	64.8	64.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	19.8	27.5	52.7	57.1	57.1	62.6	67.0	67.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
	19.8	27.5	52.7	57.1	57.1	63.7	68.1	68.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
	19.8	27.5	52.7	59.3	59.3	68.1	72.5	72.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	19.8	27.5	52.7	60.4	60.4	69.2	73.6	73.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	19.8	27.5	52.7	60.4	61.5	71.4	73.6	73.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
	19.8	27.5	52.7	60.4	61.5	71.4	73.6	73.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	19.8	27.5	52.7	60.4	61.5	72.5	75.8	75.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

91

DATA PREPARED BY
 SAFETY
 FOR REPORT

CEILING VERSUS VISIBILITY

34000 1000 FEET PERM YALLES A 4F 60-70

001

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0600-0800

5.4	5.5	12.4	15.4	14.9	18.5	20.7	20.0	21.4	20.9	21.3	21.4	21.4	21.5	21.7
5.9	9.1	13.2	15.4	16.7	19.3	20.8	21.8	21.3	21.8	22.1	22.3	22.3	22.4	22.7
5.9	9.1	13.2	15.4	16.7	19.3	20.8	21.8	21.3	21.8	22.1	22.3	22.3	22.4	22.7
5.9	9.1	13.2	15.4	16.7	19.3	20.8	21.8	21.3	21.8	22.1	22.3	22.3	22.4	22.7
5.9	9.1	13.2	15.4	16.2	17.2	19.9	21.4	21.4	21.8	22.4	22.6	22.9	23.1	23.3
6.3	9.9	14.7	17.3	18.3	21.0	22.5	22.5	23.7	23.5	23.8	24.0	24.0	24.1	24.5
6.4	10.2	15.1	17.6	18.7	21.4	22.9	22.9	23.3	23.9	24.1	24.3	24.3	24.5	24.7
6.8	11.7	16.7	18.3	19.3	22.8	24.5	24.5	25.7	25.6	25.7	26.1	26.1	26.2	26.6
7.3	11.3	15.8	19.3	20.9	24.2	26.1	26.1	26.7	27.3	27.5	27.8	27.8	27.9	28.3
7.8	12.2	17.0	20.4	22.2	25.6	27.9	27.9	28.6	29.1	29.4	29.7	29.7	29.8	30.3
9.8	13.4	21.4	23.4	23.8	30.7	33.1	33.1	33.9	34.6	34.9	35.3	35.3	35.4	35.8
11.6	16.5	23.7	27.5	29.7	33.0	35.4	35.4	36.3	37.0	37.3	37.7	37.7	37.8	38.2
11.8	18.1	25.6	30.3	32.4	36.7	39.1	39.1	40.4	41.2	41.5	41.9	41.9	42.1	42.4
12.3	20.1	29.4	34.5	36.3	41.0	43.7	43.7	45.1	45.8	46.2	46.5	46.5	46.6	47.1
13.4	22.2	34.1	39.3	42.1	47.4	50.3	50.3	52.2	53.1	53.6	53.9	54.0	54.2	54.6
15.1	24.9	39.5	46.1	45.8	55.7	58.8	58.8	61.7	62.7	63.1	63.7	63.8	63.9	64.4
15.9	26.8	42.2	49.3	52.7	60.2	64.2	64.2	67.9	68.9	69.4	70.1	70.2	70.3	70.8
16.2	27.3	42.9	50.5	53.9	61.9	65.8	66.3	69.5	70.5	71.0	71.7	71.9	72.0	72.4
16.3	27.6	43.3	52.2	56.1	64.4	68.5	69.4	72.7	74.3	74.9	75.5	76.5	76.1	76.6
16.6	28.1	44.5	53.5	57.6	66.7	71.3	72.1	75.5	77.5	78.0	78.7	79.2	79.3	79.7
16.7	28.2	44.9	54.7	58.7	68.0	73.7	74.2	78.6	80.9	81.5	82.4	82.9	83.2	83.5
16.7	28.8	45.5	55.5	59.5	68.9	74.9	75.7	79.7	82.0	82.6	83.3	84.1	84.2	84.4
16.7	28.9	45.7	55.9	60.3	70.6	76.7	77.8	82.3	85.1	85.9	87.0	87.6	87.7	88.2
16.7	29.1	46.0	56.1	62.6	71.2	77.5	78.7	83.6	86.8	87.7	88.9	89.5	89.6	90.1
16.7	29.1	46.0	56.1	62.6	71.6	77.9	79.4	84.4	88.3	89.3	90.7	91.4	91.5	91.9
16.7	29.1	46.0	56.1	62.6	71.6	77.9	79.5	84.5	88.6	89.4	91.5	92.3	92.4	92.8
16.7	29.1	46.0	56.1	62.6	71.6	77.9	79.6	85.1	89.2	90.4	92.6	93.6	93.7	94.3
16.7	29.1	46.0	56.1	62.6	71.6	77.9	79.6	85.1	89.3	91.1	93.7	95.3	95.4	96.1
16.7	29.1	46.0	56.1	62.6	71.6	77.9	79.6	85.1	89.3	91.2	93.9	95.7	95.9	97.0
16.7	29.1	46.0	56.1	62.6	71.6	77.9	79.6	85.1	89.5	91.5	94.1	96.0	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS

879

DATA PROCESSING UNIT
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34068 SA ZLFFB GERANY/OLLEMAN AAF

60-71

001

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1955-1100

1.5	4.5	7.4	9.0	11.5	13.0	15.5	16.4	17.1	18.3	18.7	19.9	19.0	19.4
2.0	4.7	8.1	11.2	12.9	15.3	17.1	19.0	20.1	21.4	22.1	22.4	22.5	23.0
2.1	4.8	8.2	11.3	13.0	15.4	17.2	19.1	20.2	21.6	22.2	22.5	22.6	23.1
2.1	4.9	8.3	11.4	13.1	15.5	17.3	19.2	20.3	21.7	22.3	22.6	22.7	23.2
2.2	5.3	8.8	11.7	13.7	16.1	18.1	20.1	21.2	22.5	23.2	23.5	23.6	24.1
2.2	5.7	9.4	12.0	14.0	17.5	20.6	21.6	22.7	24.1	24.7	25.1	25.2	25.6
2.2	5.8	10.1	13.0	15.3	18.1	21.1	22.3	23.5	24.8	25.5	25.8	25.9	26.4
2.5	6.5	10.8	14.3	16.5	19.0	23.2	24.4	25.7	27.0	27.9	28.2	28.4	28.9
3.2	7.4	12.1	15.9	18.2	21.9	25.4	26.7	28.1	29.5	30.4	30.7	31.0	31.4
4.4	9.0	14.2	18.2	20.5	24.3	27.9	29.2	30.7	32.2	33.2	33.5	33.7	34.1
5.5	10.9	16.4	20.7	23.1	26.9	31.2	32.5	34.1	35.6	36.5	37.1	37.3	37.7
6.6	11.5	17.7	22.3	24.7	29.1	33.5	34.8	37.0	38.4	39.5	40.0	40.3	40.7
6.8	12.5	19.4	24.7	27.8	32.6	37.5	38.8	41.1	43.3	44.4	45.0	45.2	45.6
7.7	13.9	22.0	27.9	31.3	36.4	41.5	43.0	45.7	47.9	49.0	49.6	49.8	50.2
9.1	15.5	25.4	31.5	35.7	41.5	47.0	49.2	52.4	55.0	56.2	56.8	57.0	57.4
10.4	17.7	29.2	37.4	41.6	47.7	54.0	56.6	60.5	63.6	64.8	65.5	65.9	66.3
11.1	19.1	31.1	39.9	44.9	51.2	57.6	61.2	65.5	69.3	71.2	72.0	72.3	72.8
11.3	19.4	31.4	40.5	45.9	52.3	60.0	62.6	67.3	71.1	73.1	74.0	74.3	74.7
11.8	20.1	32.3	41.0	47.3	54.4	62.3	64.9	69.9	74.7	76.8	77.7	78.1	78.6
12.1	20.0	33.0	43.0	48.7	55.9	64.2	66.8	72.4	77.5	79.5	80.7	81.3	81.7
12.3	20.7	32.2	43.2	49.2	56.9	65.2	68.1	74.0	79.8	81.5	82.3	84.1	84.5
12.3	21.0	33.5	44.1	50.1	57.3	66.2	68.9	74.8	80.6	82.7	84.1	85.0	85.4
12.3	21.2	33.8	44.1	50.2	57.4	66.6	69.0	75.3	82.1	84.2	85.8	87.0	87.4
12.3	21.0	33.9	44.2	50.5	58.1	67.4	70.4	74.3	82.3	85.0	86.5	87.7	88.2
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.1	84.0	86.3	88.1	89.6	90.0
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.3	84.7	87.2	89.8	91.9	92.7
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.6	85.0	88.0	90.0	93.0	93.9
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.6	85.1	88.2	91.0	94.3	95.4
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.6	85.1	88.2	91.4	94.9	95.3
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.6	85.1	88.2	91.4	94.9	95.6
12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.6	85.1	88.2	91.4	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS

914

USAF ETAC

1145 OLT

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICES AC

CEILING VERSUS VISIBILITY

34068 SA. LUFEH BERNA Y/OLETA WAF 60-71

38

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	5.3	9.3	12.2	15.2	16.7	16.5	19.7	20.3	21.2	21.9	21.7
900	9.2	9.3	13.5	17.1	18.2	21.3	22.7	23.3	24.6	25.6	25.7
800	6.3	9.4	13.6	17.2	18.3	21.5	22.8	23.6	24.7	25.7	25.7
700	6.3	9.4	13.6	17.2	18.3	21.5	22.8	23.6	24.7	25.7	25.7
600	6.3	9.4	13.6	17.3	18.4	21.7	23.0	23.8	24.9	26.0	26.1
500	6.5	9.7	14.2	17.9	19.1	22.2	23.6	24.4	25.5	26.6	26.6
400	6.5	9.7	14.7	18.7	19.8	23.1	24.5	25.3	26.6	27.8	27.8
300	7.0	11.1	15.4	19.3	20.4	23.8	25.3	26.1	27.6	28.9	28.9
200	9.0	11.2	17.4	21.9	23.0	26.7	28.5	29.3	31.0	32.2	32.2
100	9.8	13.7	20.8	25.8	27.1	30.9	32.9	33.7	35.4	36.7	36.7
0	17.6	15.3	22.6	28.3	29.6	33.5	35.7	36.5	38.2	39.6	39.6
1000	11.3	15.2	24.2	30.4	31.8	36.0	38.5	39.3	41.0	42.4	42.5
900	12.1	17.1	26.1	32.3	34.2	38.7	41.2	42.1	43.8	45.2	45.3
800	12.9	18.0	27.6	34.8	35.2	41.5	44.2	45.1	46.9	48.3	48.4
700	14.3	19.8	31.0	37.5	39.3	45.2	48.0	48.9	50.7	52.2	52.4
600	15.2	23.3	34.9	43.4	45.5	51.8	55.1	56.1	58.3	60.1	60.2
500	19.2	28.2	41.5	51.2	53.8	60.9	64.7	66.2	69.0	71.2	71.5
400	19.6	28.9	42.2	52.5	55.5	63.3	67.5	69.3	73.3	76.2	77.3
300	19.6	29.0	42.5	52.9	56.0	63.8	68.1	70.1	74.2	77.3	78.4
200	17.9	29.3	43.3	53.9	57.1	65.1	69.8	71.9	76.4	79.9	81.3
100	20.0	29.4	43.4	54.4	57.4	65.5	70.2	72.7	78.1	82.2	83.7
0	20.7	30.2	44.2	55.2	58.3	66.4	71.1	73.6	79.8	84.2	85.5
1000	20.7	30.3	44.3	55.3	58.5	67.0	71.8	74.3	80.4	84.8	86.3
900	20.7	30.3	44.3	55.3	58.8	67.2	72.4	74.9	81.2	86.0	87.4
800	20.7	30.4	44.4	55.5	59.2	67.0	73.1	75.7	82.6	87.4	88.9
700	20.7	30.4	44.4	55.5	59.2	67.6	73.1	75.7	82.9	88.0	89.4
600	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.5	89.2	91.2
500	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.6	91.9
400	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2
300	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2
200	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2
100	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2
0	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2

TOTAL NUMBER OF OBSERVATIONS

890

DATA PROCESSING DIVISION
USAF ETAC
CIR EATHER SERVICE/AC

CEILING VERSUS VISIBILITY

24058 SA B LSE PERMANENTLY/OCCASIONALLY AF 60-71

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1570-1700

CEILING (FT)	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
0-10	4.6	6.9	14.2	16.9	18.7	19.4	20.6	20.7	21.1	21.0	21.1	21.0	21.7	21.7	21.9				
10-15	4.2	11.3	15.2	19.6	21.8	23.1	24.5	24.7	25.1	25.9	25.9	25.9	25.9	25.9	26.1	26.1	27.0	27.0	27.1
15-20	4.3	11.9	16.6	20.1	21.2	23.5	24.9	25.0	25.5	26.2	25.2	26.2	26.2	27.1	27.1	27.3	27.3	27.3	27.4
20-25	4.5	11.0	16.7	20.1	21.3	23.6	25.1	25.1	25.6	26.1	26.3	26.3	26.3	27.3	27.3	27.3	27.3	27.3	27.4
25-30	4.5	11.1	16.8	20.2	21.4	23.9	25.6	25.7	26.2	26.7	26.9	26.9	26.9	27.8	27.8	27.8	27.8	27.8	28.0
30-35	4.8	11.5	17.4	20.9	22.2	24.9	26.8	27.0	27.5	28.3	28.7	28.7	28.7	29.6	29.6	29.6	29.6	29.6	29.7
35-40	4.5	12.5	18.9	22.6	24.0	26.7	28.7	28.9	29.6	30.8	31.1	31.1	31.1	32.1	32.1	32.1	32.1	32.1	32.2
40-45	11.1	13.5	20.4	24.7	26.1	29.0	31.4	31.8	32.9	34.2	34.5	34.5	34.5	35.5	35.5	35.5	35.5	35.5	35.6
45-50	11.5	14.9	22.0	27.1	28.8	32.2	34.5	35.0	36.1	37.4	37.7	37.7	37.7	38.7	38.7	38.7	38.7	38.7	38.8
50-55	12.0	15.7	24.3	29.6	31.4	34.8	37.3	37.7	38.8	40.1	40.4	40.4	40.4	41.4	41.4	41.4	41.4	41.4	41.5
55-60	13.0	17.5	27.1	32.3	34.1	36.0	41.2	41.7	42.9	44.2	44.5	44.5	44.5	45.5	45.5	45.5	45.5	45.5	45.9
60-65	14.9	19.4	29.5	34.9	36.8	40.9	44.2	44.8	46.1	47.4	47.7	48.1	48.1	49.1	49.1	49.1	49.1	49.1	49.7
65-70	15.3	21.3	31.7	37.7	39.7	44.4	48.1	48.8	50.1	51.4	51.8	52.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
70-75	15.0	23.3	34.3	40.3	42.5	47.4	51.2	51.9	53.2	54.5	55.7	55.7	55.7	56.8	56.8	56.8	56.8	56.8	56.9
75-80	19.7	26.2	35.1	45.2	48.1	53.6	57.7	58.6	59.8	61.8	62.5	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5
80-85	21.7	29.0	43.6	51.2	55.1	61.2	66.2	67.1	68.6	71.2	72.7	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.3
85-90	22.2	29.6	44.9	53.7	57.9	64.5	69.7	70.9	73.2	76.0	77.1	77.9	79.4	79.4	79.4	79.4	79.4	79.4	79.7
90-95	22.3	29.7	45.1	54.1	58.4	65.3	70.9	72.4	74.7	77.6	78.6	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.3
95-100	23.4	29.8	45.2	54.5	59.0	66.2	72.2	73.7	76.2	79.1	80.1	81.0	82.5	82.5	82.5	82.5	82.5	82.5	83.1
100-105	22.8	30.3	45.8	55.4	60.4	68.4	74.9	76.4	79.5	83.1	84.1	85.0	86.5	86.5	86.5	86.5	86.5	86.5	87.2
105-110	22.8	30.3	45.8	55.9	60.6	69.0	75.4	77.0	81.8	84.8	86.0	86.8	88.4	88.4	88.4	88.4	88.4	88.4	89.1
110-115	22.8	30.3	45.8	55.9	60.9	69.2	75.7	77.2	81.1	85.3	86.5	87.3	88.8	88.8	88.8	88.8	88.8	88.8	89.5
115-120	22.8	30.3	45.8	55.9	60.9	69.2	75.9	77.8	81.8	86.4	87.5	88.4	89.9	89.9	89.9	89.9	89.9	89.9	90.6
120-125	22.8	30.3	45.8	55.9	61.0	69.6	76.5	78.5	82.8	87.4	88.6	89.5	91.3	91.3	91.3	91.3	91.3	91.3	92.0
125-130	22.8	30.3	45.8	55.9	61.0	69.6	76.5	78.6	83.2	87.9	89.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	93.2
130-135	22.8	30.3	45.8	55.9	61.0	69.7	76.6	78.7	83.7	88.7	90.5	92.1	94.2	94.2	94.2	94.2	94.2	94.2	95.1
135-140	22.8	30.3	45.8	55.9	61.0	69.7	76.6	78.7	83.7	89.1	90.8	92.8	95.3	95.3	95.3	95.3	95.3	95.3	96.2
140-145	22.8	30.3	45.8	55.9	61.0	69.7	76.6	78.7	83.7	89.1	91.0	93.2	96.1	96.1	96.1	96.1	96.1	96.1	97.4
145-150	22.8	30.3	45.8	55.9	61.0	69.7	76.6	78.7	83.7	89.3	91.2	93.4	96.9	96.9	96.9	96.9	96.9	96.9	98.7
150-155	22.8	30.3	45.8	55.9	61.0	69.7	76.6	78.7	83.7	89.3	91.2	93.4	97.1	97.1	97.1	97.1	97.1	97.1	99.9
155-160	22.8	30.3	45.8	55.9	61.0	69.7	76.6	78.7	83.7	89.3	91.2	93.4	97.1	97.1	97.1	97.1	97.1	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 851

USAF ETAC DATA SOURCE: PERMANENTLY/OCCASIONALLY AF

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34068 SAARLEBRUNNEN GERMANY/COLEMAN AFB

61-7.

34

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING	1000	900	800	700	600	500	400	300	200	100	0	1000	900	800	700	600	500	400	300	200	100	0	
1000	7.1	8.6	14.1	15.6	20.2	22.2	23.2	23.5	23.7	24.1	24.1	24.3	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
900	8.3	10.3	15.9	21.1	22.5	23.9	27.8	28.3	28.9	29.5	29.5	30.2	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
800	8.3	10.3	15.9	21.1	22.5	23.9	27.8	28.3	28.9	29.5	29.5	30.2	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
700	8.3	10.3	15.9	21.1	22.7	26.0	27.9	28.4	29.0	29.7	29.7	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
600	8.4	10.5	16.0	21.3	22.9	26.2	28.3	28.9	29.5	30.2	30.2	30.8	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
500	8.7	11.1	17.1	22.7	24.8	28.4	30.5	31.1	31.7	32.9	33.0	33.7	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
400	10.2	12.9	19.4	25.2	27.3	31.3	33.3	34.0	34.9	36.3	36.3	37.1	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
300	10.8	14.0	20.6	27.0	29.0	33.3	35.7	36.3	37.3	38.7	38.9	39.5	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
200	12.1	16.3	24.1	30.6	33.0	37.3	39.8	40.5	41.9	43.3	43.5	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
100	14.0	18.9	27.5	34.1	37.3	42.2	44.8	45.6	47.0	48.4	48.6	49.5	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
0	15.2	20.5	29.5	36.5	39.7	44.8	47.5	48.4	49.8	51.3	51.4	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
1000	16.7	22.9	32.1	39.6	42.7	48.3	51.3	52.2	53.7	55.4	55.6	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
900	18.1	24.8	34.8	42.5	46.3	51.9	55.1	56.0	57.5	59.2	59.4	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
800	19.4	26.3	37.1	45.7	49.8	55.9	59.0	60.0	61.4	63.2	63.8	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
700	20.8	27.9	41.0	50.3	55.1	61.6	64.9	66.2	67.9	69.7	70.3	71.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
600	21.1	29.0	43.3	53.7	58.7	65.6	69.4	71.0	73.2	75.2	76.0	77.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
500	21.3	29.4	43.7	54.6	59.7	67.0	71.1	72.7	74.9	77.0	77.8	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
400	21.7	30.2	44.8	56.0	61.1	69.2	74.0	75.7	78.4	80.6	81.4	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
300	22.2	30.6	45.6	57.9	63.2	71.9	77.6	79.5	82.7	84.9	85.7	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
200	22.2	30.6	45.6	57.9	63.2	71.9	77.8	80.3	83.8	86.3	87.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
100	22.2	30.6	45.6	57.9	63.2	72.4	78.9	81.7	85.7	88.7	89.7	91.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
0	22.2	30.6	45.6	57.9	63.3	72.3	79.4	82.2	87.0	90.2	91.1	93.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1000	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.5	91.0	92.1	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
900	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
800	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
700	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
600	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
500	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
400	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
300	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
200	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
100	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.9	91.4	92.5	94.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS

630

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

3406A SANDLUFEN GERMANY/COLEMAN AAF

01

04

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	3000	2400	1800	1200	600	300	100	0	3000	2400	1800	1200	600	300	100	0
3000	5.3	31.6	31.0	31.6	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
2400	5.3	31.6	31.0	31.6	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1800	5.3	31.6	31.0	31.6	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1200	5.3	31.6	31.0	31.6	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
600	5.3	31.6	31.0	31.6	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
300	5.3	31.6	31.0	31.6	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
100	5.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
0	5.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
3000	5.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
2400	5.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
1800	5.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
1200	5.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
600	5.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
300	5.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
100	5.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
0	5.3	52.6	52.6	57.9	57.9	57.9	57.9	57.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
3000	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2400	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1800	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1200	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
600	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
300	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
100	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
0	5.3	52.6	52.6	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
3000	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2400	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
1800	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
1200	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
600	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
300	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
100	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
0	5.3	52.6	57.9	68.4	73.7	73.7	73.7	73.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2

TOTAL NUMBER OF OBSERVATIONS

19

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34068

SA BILFEN GERMANY/CULERAN AFB

62-65

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0	≥0
NO CEILING	11.0	12.2	24.4	26.8	26.8	29.3	32.9	32.9	34.1	36.6	36.6	36.6	36.6	36.6	39.0	
10000	11.0	12.2	24.4	26.8	26.8	29.3	32.9	32.9	34.1	36.6	36.6	36.6	36.6	36.6	39.0	
7500	11.0	12.2	24.4	26.8	26.8	29.3	32.9	32.9	34.1	36.6	36.6	36.6	36.6	36.6	39.0	
5000	11.0	12.2	24.4	26.8	26.8	29.3	32.9	32.9	34.1	36.6	36.6	36.6	36.6	36.6	39.0	
2500	11.0	12.2	24.4	26.8	26.8	29.3	34.1	34.1	35.4	37.8	37.8	37.8	37.8	37.8	40.2	
1000	11.0	12.2	24.4	26.8	26.8	29.3	34.1	34.1	35.4	37.8	37.8	37.8	37.8	37.8	40.2	
750	11.0	12.2	24.4	26.8	26.8	29.3	34.1	34.1	35.4	37.8	37.8	37.8	37.8	37.8	40.2	
500	12.2	13.4	28.0	31.7	31.7	34.1	39.0	39.0	40.2	42.7	42.7	42.7	42.7	42.7	45.1	
250	13.4	14.6	29.3	32.9	32.9	35.4	40.2	41.5	42.7	45.1	45.1	45.1	45.1	45.1	47.6	
100	13.4	14.6	29.3	32.9	32.9	35.4	40.2	41.5	42.7	45.1	45.1	45.1	45.1	45.1	47.6	
75	15.9	17.1	32.9	36.6	36.6	39.0	43.9	45.1	46.3	48.8	50.0	50.0	50.0	50.0	52.4	
50	15.9	17.1	34.1	37.8	37.8	40.2	45.1	46.3	47.6	50.0	51.2	51.2	51.2	51.2	53.7	
25	18.3	19.5	36.6	41.5	41.5	43.9	51.2	52.4	53.7	56.1	57.3	57.3	57.3	57.3	59.8	
15	18.3	20.7	39.0	43.9	43.9	46.3	53.7	54.9	57.3	59.8	61.0	61.0	61.0	61.0	63.4	
10	19.5	24.4	45.1	54.9	56.1	58.5	67.1	68.3	70.7	73.2	74.4	74.4	74.4	74.4	76.8	
7.5	22.0	29.3	51.2	62.2	64.6	67.1	75.6	76.8	79.3	81.7	82.9	82.9	82.9	82.9	85.4	
5	22.0	29.3	52.4	63.4	65.9	69.5	78.0	79.3	81.7	84.1	85.4	85.4	85.4	85.4	87.8	
2.5	23.2	30.5	53.7	64.6	67.1	70.7	79.3	80.5	84.1	86.6	87.8	87.8	87.8	87.8	90.2	
1.5	23.2	30.5	53.7	64.6	67.1	70.7	79.3	80.5	84.1	86.6	87.8	87.8	87.8	87.8	90.2	
1	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	91.5	91.5	91.5	91.5	93.9	
750	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	92.7	93.9	93.9	93.9	96.3	
500	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	96.3	96.3	98.8	
250	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	96.3	96.3	98.8	
150	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	96.3	96.3	98.8	
100	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	97.6	97.6	100.0	
75	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	97.6	97.6	100.0	
50	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	97.6	97.6	100.0	
25	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	97.6	97.6	100.0	
100	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	97.6	97.6	100.0	
0	23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	91.5	95.1	96.3	97.6	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS

32

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SA LIEFEN GERMAN Y/CLEMAN AAF

69-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
INFINITY	10.5	12.7	16.1	18.4	19.2	21.8	24.0	24.3	25.6	27.1	27.3	27.8	27.8	27.8	28.7	
IN 9999	11.2	13.5	17.1	19.9	20.8	24.0	26.2	26.6	28.1	29.7	30.2	30.5	30.5	30.5	31.2	
IN 9998	11.1	13.6	17.2	20.1	21.1	24.1	26.3	26.7	28.2	29.8	30.1	30.6	30.6	30.6	31.5	
IN 9997	11.1	13.6	17.2	20.1	21.1	24.2	26.5	26.8	28.3	30.0	30.2	30.7	30.7	30.7	31.6	
IN 9996	11.1	13.6	17.2	20.2	21.2	24.3	26.5	26.8	28.3	30.2	30.3	30.8	30.8	30.8	31.7	
IN 9995	11.4	13.9	17.7	20.7	21.7	24.8	27.3	27.7	29.3	31.0	31.2	31.7	31.7	31.7	32.4	
IN 9994	11.5	14.0	18.0	21.1	22.1	25.2	27.8	28.3	30.0	31.8	32.1	32.6	32.6	32.6	33.5	
IN 9993	12.2	14.7	19.1	22.2	23.2	26.5	29.2	30.0	31.6	32.6	33.8	34.3	34.3	34.3	35.2	
IN 9992	13.6	16.4	21.5	24.7	25.7	29.1	32.0	32.7	34.6	36.7	37.0	37.5	37.5	37.5	38.3	
IN 6000	14.7	18.1	23.5	26.8	27.8	31.2	34.1	35.0	37.0	39.2	39.6	40.2	40.2	40.2	41.1	
IN 5000	18.7	22.5	28.8	32.7	33.7	37.2	40.2	41.1	43.3	45.7	46.1	46.7	46.7	46.7	47.6	
IN 4500	19.5	23.7	30.7	34.7	35.8	39.8	43.1	43.9	46.3	48.7	49.4	50.3	50.3	50.3	51.2	
IN 4000	20.7	25.3	33.1	37.6	38.7	42.8	46.1	47.1	49.4	52.1	52.8	53.7	54.2	54.2	55.2	
IN 3500	21.8	26.7	35.3	40.2	41.7	46.2	49.7	50.7	53.6	56.2	56.9	57.8	58.3	58.3	59.3	
IN 3000	24.7	30.1	39.8	45.6	47.2	52.3	56.2	57.2	60.2	62.9	63.8	64.9	65.4	65.4	66.4	
IN 2500	25.7	32.3	44.2	51.2	52.9	58.4	62.9	64.2	67.7	70.5	71.7	72.9	73.4	73.4	74.4	
IN 2000	27.7	35.3	48.7	56.8	58.6	64.2	69.0	70.3	73.9	77.2	78.4	79.7	80.1	80.1	81.1	
IN 1800	28.0	35.6	49.3	57.7	59.4	65.3	70.2	71.5	75.2	78.4	79.7	80.9	81.4	81.4	82.4	
IN 1500	29.2	36.0	50.6	59.7	61.5	68.0	73.4	75.0	79.2	82.5	83.9	85.1	85.6	85.6	86.6	
IN 1200	28.5	36.1	50.8	60.3	62.2	69.0	74.4	76.2	80.5	84.4	85.9	87.1	87.9	87.9	88.9	
IN 1000	28.5	36.2	50.9	60.5	62.4	69.4	74.9	76.8	81.8	85.8	87.4	88.6	89.4	89.4	90.4	
IN 900	28.5	36.2	50.9	60.5	62.4	69.4	75.0	76.9	81.9	85.9	87.5	88.8	89.5	89.5	90.5	
IN 800	28.5	36.2	50.9	60.5	62.4	69.5	75.3	77.3	82.5	86.8	88.4	89.8	90.5	90.5	91.5	
IN 700	28.5	36.3	51.1	60.7	62.5	69.7	75.4	77.4	82.8	87.1	88.8	90.4	91.1	91.1	92.1	
IN 600	28.5	36.3	51.1	60.8	62.7	69.8	75.7	77.9	83.4	87.9	89.6	91.3	92.0	92.0	93.1	
IN 500	28.5	36.3	51.1	60.8	62.7	69.9	75.9	78.3	83.9	88.4	90.1	91.9	92.6	92.6	93.8	
IN 400	28.5	36.3	51.1	60.8	62.7	69.9	75.9	78.3	83.9	88.4	90.1	91.9	92.6	92.6	93.8	
IN 300	28.5	36.3	51.1	60.9	62.8	70.2	76.2	78.5	84.3	88.8	90.8	92.3	93.3	93.3	94.6	
IN 200	28.5	36.3	51.1	60.9	62.8	70.2	76.2	78.5	84.4	88.9	90.9	92.6	93.6	94.0	96.0	
IN 100	28.5	36.3	51.1	60.9	62.8	70.2	76.2	78.5	84.4	89.0	91.0	93.1	94.1	94.5	97.3	
IN 0	28.5	36.3	51.1	60.9	62.8	70.2	76.2	78.5	84.4	89.0	91.0	93.1	94.3	94.6	100.0	

TOTAL NUMBER OF OBSERVATIONS

801

USAFETAC

FORM
JUL 64

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

34058

SA WULFEN, GERMANY/COLEMAN AAF

60-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	21	22	24	25	25	27	28	30	35	40	45	50	55	60	65
10000	9.7	12.4	15.4	17.0	17.8	20.6	22.3	23.0	24.9	26.8	27.4	27.5	27.7	27.7	28.0	
9000	10.9	13.8	17.6	19.7	20.5	24.3	26.0	26.8	29.2	31.3	31.9	32.1	32.2	32.2	32.6	
8000	10.9	13.8	17.6	19.7	20.5	24.3	26.0	26.8	29.3	31.3	32.1	32.4	32.5	32.5	32.8	
7000	11.1	14.1	17.9	20.2	21.0	24.7	26.5	27.3	30.2	32.4	32.9	33.2	33.3	33.3	33.6	
6000	11.1	14.1	18.1	20.3	21.1	24.9	26.6	27.4	30.1	32.5	33.1	33.3	33.4	33.4	33.8	
5000	11.1	14.1	18.1	20.4	21.5	25.2	27.0	27.8	30.5	32.9	33.5	33.8	33.9	33.9	34.2	
4000	11.7	14.7	18.6	21.3	22.6	26.4	28.1	29.0	31.7	34.1	34.7	34.9	35.1	35.1	35.4	
3000	12.0	14.9	18.9	21.6	22.9	26.8	28.6	29.4	32.4	34.8	35.4	35.6	35.8	35.8	36.1	
2500	13.2	16.2	20.6	23.6	24.9	29.3	31.2	32.1	35.1	37.5	38.1	38.3	38.5	38.5	38.8	
2000	14.2	17.6	22.5	25.9	27.2	32.5	34.6	35.5	38.6	41.4	42.2	42.2	42.3	42.3	42.9	
1800	14.7	18.2	23.3	26.7	28.1	33.4	35.9	36.9	40.0	43.0	44.0	44.2	44.4	44.4	45.0	
1600	15.4	20.3	25.7	29.9	31.4	37.0	39.9	40.9	44.1	47.5	48.4	48.8	49.0	49.0	49.6	
1400	17.2	21.6	27.1	31.5	33.3	39.3	42.6	43.7	47.2	50.6	51.6	51.9	52.2	52.2	52.8	
1200	18.9	23.8	29.9	35.1	36.8	42.6	47.0	48.4	52.1	55.6	56.6	57.0	57.3	57.3	57.9	
1000	19.6	24.9	31.1	36.9	39.2	46.8	50.4	51.9	55.9	59.7	60.7	61.1	61.7	61.7	62.3	
900	21.1	27.0	34.3	41.1	43.4	51.2	55.3	56.9	61.4	65.3	67.1	67.9	68.3	68.3	69.1	
800	22.6	29.5	39.0	47.4	49.8	58.4	63.1	64.7	69.8	74.3	76.1	76.9	77.5	77.5	78.1	
700	24.3	31.8	41.9	50.4	52.1	62.1	67.4	69.1	74.8	79.5	81.2	82.2	82.8	82.8	83.4	
600	24.3	31.9	42.2	51.1	53.9	63.0	68.5	70.1	76.2	81.0	82.8	83.7	84.3	84.3	84.9	
500	24.5	32.1	42.6	51.7	54.7	64.4	70.1	72.1	78.3	83.3	85.2	86.2	86.9	86.9	87.5	
450	24.5	32.5	43.1	52.5	55.6	65.4	71.6	74.0	80.4	85.7	87.5	88.9	89.8	89.8	90.6	
400	24.5	32.5	43.1	52.5	55.6	65.4	71.9	74.2	80.7	86.5	88.4	90.0	91.0	91.0	91.8	
350	24.5	32.5	43.1	52.9	56.0	66.0	72.3	74.7	81.2	87.3	89.2	90.9	91.9	91.9	92.7	
300	24.5	32.5	43.1	52.9	56.0	66.0	72.7	75.0	81.7	87.9	89.8	91.8	92.8	92.8	93.7	
250	24.5	32.5	43.1	52.9	56.0	66.0	73.0	75.4	82.1	88.3	90.2	92.1	93.2	93.2	94.0	
200	24.5	32.5	43.1	52.9	56.0	66.0	73.3	75.6	82.3	88.6	90.5	92.5	93.6	93.6	94.5	
150	24.5	32.5	43.1	52.9	56.0	66.0	73.4	75.8	82.5	89.0	91.1	93.1	94.4	94.4	95.3	
100	24.5	32.5	43.1	52.9	56.0	66.0	73.5	76.0	82.6	89.1	91.2	93.2	94.6	94.6	95.8	
50	24.5	32.5	43.1	52.9	56.0	66.0	73.6	76.1	82.8	89.2	91.3	93.3	94.8	94.8	96.6	
0	24.5	32.5	43.1	52.9	56.0	66.0	73.6	76.1	82.8	89.2	91.3	93.3	94.8	94.8	98.9	
0	24.5	32.5	43.1	52.9	56.0	66.0	73.6	76.1	82.8	89.2	91.3	93.3	94.8	94.8	100.0	

TOTAL NUMBER OF OBSERVATIONS

853

USAFETAC

FORM 34-74

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

34068

SANDHURST GERMANY/CJLE 14 AF

60-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATISTICAL															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000		13.8	15.8	19.2	21.0	21.5	22.7	24.2	24.6	25.9	26.8	26.9	26.9	27.0	27.0	27.3
9000		16.2	19.3	23.6	26.2	26.8	28.3	30.3	31.2	32.5	32.9	34.0	34.0	34.1	34.1	34.3
8000		16.4	19.6	23.9	26.5	27.1	28.7	30.6	31.6	33.1	34.2	34.3	34.3	34.5	34.5	34.7
7000		16.4	19.6	23.9	26.5	27.3	28.8	30.7	31.7	33.3	34.3	34.5	34.5	34.6	34.6	34.8
6000		16.7	19.8	24.2	26.9	27.6	29.2	31.1	32.1	33.6	34.7	34.8	34.8	34.9	34.9	35.2
5000		16.8	19.9	24.7	27.5	28.2	29.8	31.8	32.8	34.3	35.4	35.5	35.5	35.7	35.7	35.9
4000		17.3	20.8	25.8	28.8	29.5	31.2	33.3	34.2	35.8	36.9	37.0	37.0	37.1	37.1	37.3
3000		18.1	21.6	27.0	30.9	30.9	32.5	34.6	35.5	37.1	38.2	38.3	38.3	38.4	38.4	38.7
2000		19.4	23.2	28.6	31.7	32.7	34.5	36.7	37.8	39.4	40.5	40.6	40.6	40.7	40.7	40.9
1500		21.0	24.7	30.4	33.7	34.7	36.9	39.1	40.3	42.0	43.1	43.2	43.2	43.5	43.5	43.8
1000		22.2	26.3	32.4	35.8	37.1	39.4	42.3	43.6	45.5	46.7	46.8	46.8	47.1	47.1	47.4
800		23.0	27.3	33.9	37.5	39.0	41.7	44.8	46.1	48.0	49.2	49.3	49.3	49.6	49.6	49.9
600		24.0	28.3	36.1	40.3	42.1	44.8	47.9	49.6	51.5	52.7	52.8	52.8	53.1	53.1	53.4
400		25.8	30.7	39.0	44.1	45.9	48.5	51.9	53.9	56.2	57.4	57.5	57.5	57.7	57.7	58.1
200		26.5	32.2	41.1	46.3	48.3	51.7	55.5	57.5	59.9	61.6	61.7	61.7	62.1	62.1	62.4
100		21.6	31.5	47.5	53.5	55.6	59.5	63.3	65.4	68.2	70.1	70.2	70.5	71.1	71.1	71.4
0		34.0	40.6	51.9	59.3	61.8	66.1	70.6	72.7	75.6	77.7	77.8	78.3	78.9	78.9	79.2
10000		35.3	42.1	53.7	61.7	64.3	69.7	74.3	76.7	79.8	82.6	82.8	82.8	83.9	83.9	84.3
9000		35.5	42.5	54.3	62.7	65.4	70.8	75.5	77.9	81.2	83.9	84.2	84.6	85.2	85.2	85.6
8000		36.3	43.3	55.8	64.9	67.9	73.7	78.9	81.3	84.9	87.8	88.1	88.7	89.3	89.3	89.7
7000		36.5	43.7	57.0	66.3	69.5	75.4	81.3	83.8	87.4	90.6	91.1	91.7	92.7	92.7	93.0
6000		36.5	43.7	57.3	66.6	69.9	75.9	81.8	84.3	87.9	91.8	92.4	93.4	94.5	94.5	94.8
5000		36.5	43.7	57.3	66.7	70.1	76.3	82.5	85.0	88.7	92.7	93.3	94.2	95.6	95.6	96.0
4000		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.0	93.6	94.6	96.0	96.0	96.6
3000		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.0	93.9	94.8	96.2	96.2	96.9
2000		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	96.8	96.8	97.5
1000		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	97.0	97.0	97.8
800		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	97.4	97.4	98.7
600		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	97.6	97.6	99.2
400		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	98.0	98.0	99.9
200		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	98.0	98.0	100.0
0		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.3	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SA BÜFEN GERMANY/COLEMAN AAF

62-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1870-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
UNLIMITED	21.3	23.5	27.7	30.6	30.9	32.2	32.5	33.1	33.6	34.0	34.7	34.2	34.4	34.4	34.4	34.4
IV 9999	23.0	26.6	31.6	35.8	36.3	38.2	38.5	39.2	40.0	40.3	40.3	40.2	41.0	41.0	41.0	41.0
IV 9500	23.1	26.8	31.8	36.0	36.5	38.3	38.7	39.4	40.1	40.5	40.5	40.7	41.2	41.2	41.2	41.2
IV 9000	23.3	26.9	32.0	36.2	36.7	38.5	38.9	39.6	40.3	40.7	40.7	40.9	41.4	41.4	41.4	41.4
IV 8500	24.1	28.0	33.1	37.4	38.2	40.1	40.5	41.2	42.0	42.3	42.3	42.5	43.0	43.0	43.0	43.0
IV 8000	25.1	29.1	34.2	38.5	39.4	41.6	42.0	42.7	43.4	43.8	43.8	43.9	44.5	44.5	44.5	44.5
IV 7500	27.5	31.6	37.3	41.8	42.9	45.2	45.6	46.3	47.0	47.4	47.4	47.6	48.1	48.1	48.1	48.1
IV 7000	29.7	33.8	39.4	44.1	45.2	47.7	48.3	49.2	50.1	50.5	50.5	50.6	51.2	51.2	51.2	51.2
IV 6500	31.1	35.4	41.2	46.3	47.6	50.5	51.0	52.1	53.2	53.5	53.5	54.1	54.6	54.6	54.6	54.6
IV 6000	34.4	38.7	44.7	49.9	51.5	55.0	55.7	56.8	57.9	58.4	58.4	59.0	59.5	59.5	59.5	59.5
IV 5500	34.7	39.6	45.6	51.2	52.8	56.6	57.3	58.4	59.7	60.2	60.2	60.8	61.3	61.3	61.3	61.3
IV 5000	36.0	41.4	48.5	54.4	56.1	60.2	60.9	62.0	63.7	64.2	64.2	64.7	65.3	65.3	65.3	65.3
IV 4500	37.1	43.0	51.0	57.1	58.8	63.5	64.2	65.6	67.6	68.2	68.2	68.7	69.3	69.3	69.3	69.3
IV 4000	39.2	46.3	53.3	62.2	63.8	68.9	69.8	71.6	73.6	74.1	74.1	74.9	75.6	75.6	75.6	75.6
IV 3500	42.1	49.7	59.3	66.9	68.5	74.0	75.0	76.9	78.8	79.6	79.6	80.3	81.0	81.0	81.0	81.0
IV 3000	43.6	51.4	61.7	69.8	71.8	78.2	80.1	81.9	84.8	86.3	86.3	87.0	87.7	87.7	87.7	87.7
IV 2500	44.3	52.1	63.1	72.0	74.0	80.8	82.6	84.4	87.3	88.8	88.8	89.5	90.2	90.2	90.2	90.2
IV 2000	45.2	53.0	64.7	73.8	75.8	83.5	85.4	87.2	90.2	92.0	92.0	93.1	93.9	93.9	93.9	93.9
IV 1800	45.6	53.3	65.1	74.1	76.1	84.6	87.0	88.8	92.2	94.0	94.0	95.3	96.0	96.0	96.2	96.2
IV 1600	45.6	53.3	65.1	74.7	76.7	85.4	87.7	89.5	93.7	95.5	95.5	96.7	97.5	97.5	97.6	97.6
IV 1400	45.6	53.3	65.1	74.7	76.7	85.4	87.7	89.5	93.7	95.5	95.5	96.7	97.6	97.6	97.6	97.6
IV 1200	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.0	95.8	96.0	97.3	98.2	98.2	98.4	98.4
IV 1000	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.0	96.2	97.5	98.4	98.4	98.6	98.6
IV 900	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.0	96.2	97.5	98.4	98.4	98.6	98.6
IV 800	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.4	97.6	98.6	98.6	98.9	98.9
IV 700	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.4	97.6	98.6	98.6	98.9	98.9
IV 600	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.4	97.6	98.6	98.6	98.9	98.9
IV 500	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.4	97.6	98.6	98.6	98.9	98.9
IV 400	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.4	97.6	98.6	98.6	98.9	98.9
IV 300	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.7	98.2	99.1	99.1	99.5	99.5
IV 200	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.7	98.2	99.1	99.1	99.5	99.5
IV 100	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.7	98.2	99.1	99.1	99.5	99.5
IV 0	45.6	53.3	65.1	74.9	76.9	85.5	88.1	89.9	94.2	96.2	96.7	98.2	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 553

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SA DUFFEL GERMANY/COLEMAN AAF

62-64

AR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
∞	5.4	8.1	16.2	25.7	25.7	29.7	31.1	33.8	39.2	40.5	40.5	40.5	40.5	40.5	41.9
10000	5.4	8.1	16.2	25.7	25.7	29.7	31.1	33.8	39.2	40.5	40.5	40.5	40.5	40.5	41.9
8000	5.4	8.1	16.2	25.7	25.7	29.7	31.1	33.8	39.2	40.5	40.5	40.5	40.5	40.5	41.9
6000	5.4	8.1	16.2	25.7	25.7	29.7	31.1	33.8	39.2	40.5	40.5	40.5	40.5	40.5	41.9
4000	5.4	8.1	16.2	25.7	25.7	29.7	31.1	33.8	39.2	40.5	40.5	40.5	40.5	40.5	41.9
3000	6.8	9.5	17.6	27.0	27.0	31.1	32.4	35.1	40.5	41.9	41.9	41.9	41.9	41.9	43.2
2000	6.8	9.5	17.6	27.0	27.0	31.1	32.4	35.1	40.5	41.9	41.9	41.9	41.9	41.9	43.2
1800	8.1	12.2	21.6	29.7	29.7	33.8	35.1	37.8	43.2	44.6	44.6	44.6	44.6	44.6	45.9
1600	8.1	12.2	21.6	32.4	32.4	36.5	37.8	40.5	45.9	47.3	47.3	47.3	47.3	47.3	48.6
1400	8.1	12.2	21.6	32.4	32.4	36.5	37.8	40.5	45.9	47.3	47.3	47.3	47.3	47.3	48.6
1200	8.1	12.2	23.0	33.8	33.8	37.8	39.2	41.9	47.3	48.6	48.6	48.6	48.6	48.6	50.0
1000	10.8	14.9	25.7	36.5	36.5	40.5	43.2	45.9	51.4	52.7	52.7	52.7	52.7	52.7	54.1
800	10.8	14.9	27.0	39.2	39.2	43.2	45.9	48.6	54.1	55.4	55.4	55.4	55.4	55.4	56.8
600	12.2	17.6	29.7	43.2	44.6	48.6	51.4	54.1	59.5	60.8	60.8	60.8	60.8	60.8	62.2
400	13.5	21.6	39.2	55.4	56.8	60.8	64.9	67.6	74.3	75.7	75.7	75.7	75.7	75.7	77.0
200	13.5	21.6	40.5	58.1	59.5	63.5	67.6	70.3	77.0	78.4	78.4	78.4	78.4	78.4	79.7
100	14.9	23.0	44.6	63.5	64.9	68.9	73.0	75.7	82.4	83.8	83.8	83.8	83.8	83.8	85.1
0	14.9	23.0	45.9	66.2	67.6	71.6	75.7	77.0	83.8	85.1	85.1	85.1	85.1	85.1	86.4
∞	14.9	23.0	47.3	70.3	71.6	75.7	81.1	83.8	90.5	91.9	91.9	91.9	91.9	91.9	93.2
10000	14.9	23.0	47.3	70.3	71.6	75.7	81.1	83.8	90.5	91.9	91.9	91.9	91.9	91.9	93.2
8000	14.9	23.0	47.3	70.3	71.6	75.7	81.1	83.8	90.5	91.9	91.9	91.9	91.9	91.9	93.2
6000	14.9	23.0	47.3	70.3	71.6	75.7	81.1	83.8	90.5	93.2	93.2	93.2	93.2	93.2	94.6
4000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	94.6	94.6	94.6	94.6	95.9
2000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	97.3
1000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	97.3
0	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
∞	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
10000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
8000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
6000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
4000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
2000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
1000	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	98.6
0	14.9	23.0	47.3	70.3	71.6	75.7	82.4	85.1	91.9	94.6	95.9	95.9	95.9	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS

74

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34068 SALTZBUHREN GERMANY/COLEMAN AAF

69-73

1AR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1600-0800

CEILING	0	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
0	8.8	11.9	14.7	17.5	18.8	22.6	25.3	26.0	28.4	30.3	30.9	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	
100	9.6	12.9	16.3	20.0	21.2	25.4	28.3	29.0	31.9	34.0	34.8	35.5	36.2	36.3	36.3	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0
200	9.6	12.9	16.3	20.0	21.2	25.4	28.3	29.0	31.9	34.0	34.8	35.5	36.3	36.3	36.3	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0
300	9.7	13.0	16.4	20.1	21.3	25.5	28.4	29.1	32.0	34.1	34.9	35.6	36.4	36.4	36.4	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6	42.1	42.6	43.1
400	9.7	13.0	16.4	20.1	21.3	25.5	28.5	29.3	32.1	34.3	35.0	35.7	36.5	36.5	36.5	37.2	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.7	43.2
500	9.7	13.2	16.8	20.6	21.9	26.3	29.1	30.0	33.0	35.1	35.9	36.6	37.3	37.3	37.3	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0
600	10.0	13.6	17.3	21.4	22.7	27.2	30.1	31.0	33.9	36.1	36.8	37.6	38.3	38.3	38.3	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0
700	10.9	14.8	18.9	23.6	24.9	29.8	32.7	33.5	37.0	39.3	40.0	40.7	41.5	41.5	41.5	42.2	42.7	43.2	43.7	44.2	44.7	45.2	45.7	46.2	46.7	47.2	47.7	48.2
800	11.4	15.5	20.1	25.2	26.6	31.7	34.7	35.5	39.1	41.5	42.2	43.0	43.9	43.9	43.9	44.6	45.1	45.6	46.1	46.6	47.1	47.6	48.1	48.6	49.1	49.6	50.1	50.6
900	12.8	17.2	22.7	28.3	29.8	34.9	37.9	38.7	42.3	44.8	45.5	46.5	47.4	47.4	47.4	48.1	48.6	49.1	49.6	50.1	50.6	51.1	51.6	52.1	52.6	53.1	53.6	54.1
1000	14.8	20.4	26.3	33.0	34.6	40.0	43.3	44.1	47.8	50.3	51.1	52.0	53.0	53.0	53.0	53.7	54.2	54.7	55.2	55.7	56.2	56.7	57.2	57.7	58.2	58.7	59.2	59.7
1200	16.8	23.2	29.7	37.0	38.7	44.4	47.9	48.7	52.6	55.1	56.0	56.9	57.9	57.9	57.9	58.6	59.1	59.6	60.1	60.6	61.1	61.6	62.1	62.6	63.1	63.6	64.1	64.6
1400	18.0	25.0	32.2	40.1	41.8	47.9	51.7	52.6	56.9	59.6	60.4	61.3	62.4	62.4	62.4	63.1	63.6	64.1	64.6	65.1	65.6	66.1	66.6	67.1	67.6	68.1	68.6	69.1
1600	20.2	28.6	37.2	46.1	48.1	54.5	58.6	59.6	64.6	67.2	68.1	69.1	70.2	70.2	70.2	70.9	71.4	71.9	72.4	72.9	73.4	73.9	74.4	74.9	75.4	75.9	76.4	76.9
1800	21.2	30.7	40.7	51.0	53.1	59.7	64.6	65.9	71.0	73.6	74.5	75.5	76.6	76.6	76.6	77.3	77.8	78.3	78.8	79.3	79.8	80.3	80.8	81.3	81.8	82.3	82.8	83.3
2000	22.4	33.1	44.5	56.3	58.6	65.4	70.5	71.8	77.0	80.0	80.9	81.9	83.0	83.0	83.0	83.7	84.2	84.7	85.2	85.7	86.2	86.7	87.2	87.7	88.2	88.7	89.2	89.7
2500	23.7	35.6	47.4	59.7	62.1	69.9	74.9	76.3	81.7	84.7	85.5	86.6	87.7	87.7	87.7	88.4	88.9	89.4	89.9	90.4	90.9	91.4	91.9	92.4	92.9	93.4	93.9	94.4
3000	24.3	36.5	48.8	61.2	63.7	71.2	76.5	77.9	83.4	86.5	87.3	88.4	89.5	89.5	89.5	90.2	90.7	91.2	91.7	92.2	92.7	93.2	93.7	94.2	94.7	95.2	95.7	96.2
3500	24.9	36.7	49.6	62.0	64.8	72.7	78.3	79.8	85.3	88.8	89.7	90.7	91.8	91.8	91.8	92.5	93.0	93.5	94.0	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5
4000	25.0	37.4	50.7	63.5	66.4	74.9	80.7	82.4	88.2	91.5	92.4	93.6	94.7	94.7	94.7	95.4	95.9	96.4	96.9	97.4	97.9	98.4	98.9	99.4	99.9	100.0	100.0	100.0
4500	25.0	37.4	50.7	63.5	66.5	74.7	81.2	83.0	88.7	92.1	93.1	94.3	95.3	95.3	95.3	96.0	96.5	97.0	97.5	98.0	98.5	99.0	99.5	100.0	100.0	100.0	100.0	100.0
5000	25.0	37.4	50.7	63.5	66.5	74.7	81.2	83.0	88.7	92.2	93.3	94.5	95.6	95.6	95.6	96.3	96.8	97.3	97.8	98.3	98.8	99.3	99.8	100.0	100.0	100.0	100.0	100.0
6000	25.0	37.4	50.7	63.6	66.6	74.9	81.4	83.2	89.0	93.0	94.1	95.3	96.5	96.5	96.5	97.2	97.7	98.2	98.7	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7000	25.0	37.4	50.7	63.6	66.6	75.2	81.7	83.5	89.4	93.5	94.9	96.2	97.4	97.4	97.4	98.1	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	93.9	95.3	96.6	97.8	97.8	97.8	98.5	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9000	25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	94.0	95.4	96.7	97.9	97.9	97.9	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000	25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	94.0	95.4	96.7	97.9	97.9	97.9	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

940

DATA PROCESSING DIVISION
SAFETY
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

3400A SA 0300E GERMANY/OLLEMAN AAF

60-70

PAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

11.8	12.4	17.2	19.9	21.7	23.7	26.3	26.9	28.0	30.1	30.7	31.1	31.4	31.4	31.7
11.8	14.6	19.8	23.0	23.9	27.4	30.3	31.4	33.6	33.4	36.1	36.5	37.0	37.0	37.3
11.8	14.6	19.8	23.0	23.9	27.4	30.3	31.4	33.6	33.4	36.1	36.5	37.0	37.0	37.3
11.8	14.6	19.8	23.0	23.9	27.4	30.3	31.4	33.6	33.4	36.1	36.5	37.0	37.0	37.3
12.1	14.9	21.1	23.4	24.4	28.1	31.0	32.0	34.3	36.2	36.7	37.2	37.6	37.6	37.9
12.3	15.1	21.5	24.2	25.3	29.0	32.0	33.0	35.3	37.1	37.8	38.2	38.6	38.6	38.9
12.5	15.7	21.2	24.9	26.1	29.8	33.0	34.2	36.6	38.5	39.4	39.9	40.3	40.3	40.6
13.3	16.3	23.2	27.2	28.3	32.2	35.6	37.0	39.9	41.9	42.9	43.3	43.7	43.7	44.1
14.3	16.3	24.8	28.9	29.9	34.0	37.4	38.9	41.8	44.1	45.1	45.4	45.9	45.9	46.2
15.3	20.3	27.2	31.4	32.5	36.7	40.3	41.9	44.5	47.1	48.1	48.7	49.1	49.1	49.4
17.0	22.5	29.7	34.7	35.8	40.6	44.8	46.5	49.5	52.1	53.1	53.7	54.3	54.3	54.7
19.2	24.0	31.9	37.9	39.1	44.2	48.6	50.3	53.3	56.0	57.1	57.8	58.4	58.4	58.7
20.7	26.3	35.2	42.1	43.6	49.0	53.7	55.9	59.1	62.0	63.1	63.8	64.4	64.4	64.7
21.7	28.6	38.9	46.5	48.6	54.2	59.2	61.4	64.6	67.7	68.9	69.5	70.1	70.1	70.4
24.9	32.4	44.4	53.1	55.3	61.3	66.9	69.6	73.2	76.4	77.5	78.2	78.8	78.8	79.1
24.6	35.4	48.6	58.7	61.1	67.7	73.9	76.6	81.5	83.7	84.9	85.5	86.1	86.1	86.4
27.4	36.9	51.2	61.0	64.0	71.3	77.3	80.5	84.3	87.7	88.8	89.4	90.1	90.1	90.4
27.5	37.5	52.2	62.0	65.7	72.9	79.2	81.9	85.8	89.0	90.2	90.8	91.4	91.4	91.7
28.1	37.8	52.9	64.0	66.4	74.3	80.8	83.5	87.6	91.1	92.3	93.0	93.6	93.6	93.9
29.4	38.1	53.5	65.2	67.7	75.9	82.7	85.7	90.2	93.7	94.9	95.5	96.2	96.2	96.5
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7
29.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.0	96.6	97.4	97.4	97.7

TOTAL NUMBER OF OBSERVATIONS

965

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EARTH SERVICES

CEILING VERSUS VISIBILITY

34001 SA 2 FEB 1969 Y/C/LE A/AF 69-71

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

14.1	16.7	21.2	23.7	24.3	25.1	26.4	26.5	27.3	28.5	28.6	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
17.4	20.9	26.6	30.2	30.8	30.8	32.1	33.4	33.6	34.9	36.4	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8
17.5	21.1	26.7	30.1	30.9	32.2	33.5	33.7	35.0	36.5	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
17.6	21.1	26.8	30.2	31.0	32.3	33.6	33.8	35.1	36.7	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
17.9	21.4	27.1	30.9	31.6	32.8	34.1	34.3	35.6	37.2	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
18.0	21.5	27.2	30.8	31.8	33.2	34.5	34.7	36.0	37.6	37.7	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
18.1	21.7	27.6	31.4	32.3	33.9	35.3	35.5	36.8	38.3	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
21.0	23.7	29.9	33.6	34.7	36.5	38.2	38.6	39.9	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
21.2	25.0	31.5	35.2	36.2	38.1	40.0	40.4	41.7	43.4	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
22.7	26.7	33.6	37.6	39.7	41.0	43.0	43.3	44.7	46.4	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
24.7	28.9	36.4	41.2	42.5	44.9	46.9	47.4	48.7	50.5	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
25.9	32.2	40.4	45.4	46.7	48.6	51.2	51.6	53.0	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
29.4	35.2	44.0	49.4	50.6	52.9	55.2	55.9	57.5	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
33.1	39.8	50.5	56.5	57.7	60.1	62.5	63.2	64.9	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
39.2	46.8	58.7	65.7	67.3	69.6	72.1	72.9	74.6	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
43.9	52.9	66.2	75.1	76.8	79.2	82.1	82.9	85.1	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
45.9	55.7	70.3	79.4	81.4	84.1	87.1	87.9	90.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
46.1	56.0	71.1	80.2	82.1	84.9	88.0	88.9	91.2	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
49.7	56.8	72.2	81.5	83.5	86.9	90.1	91.0	93.3	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
47.0	57.2	72.8	82.5	84.7	88.2	92.5	93.5	96.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
47.0	57.2	72.9	82.7	84.9	88.6	92.7	93.8	96.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
47.0	57.2	73.0	82.6	85.0	88.7	92.8	93.9	96.8	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	96.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	96.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	97.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	97.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	97.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	97.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

944

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SA WILHELM GERMANY/COLEMAN AFB

60-72

24

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1519-1700

19.8	23.2	25.7	28.2	28.5	29.7	30.4	30.5	31.0	31.3	31.3	31.3	31.4	31.4	31.4
24.1	28.1	31.5	34.5	35.3	36.5	37.2	37.3	38.3	38.5	38.5	38.5	38.6	38.6	38.6
24.1	28.1	31.5	34.9	35.6	36.8	37.5	37.6	38.6	38.8	38.8	38.8	38.9	38.9	38.9
24.1	28.4	31.8	35.2	35.8	37.2	37.8	37.9	38.6	38.9	39.1	39.1	39.1	39.3	39.3
24.6	29.2	32.6	36.1	35.8	38.0	36.7	38.8	39.8	40.0	40.0	40.0	40.1	40.1	40.1
25.1	29.7	33.4	37.1	37.3	39.1	39.0	39.9	40.9	41.1	41.1	41.1	41.2	41.2	41.2
26.3	32.9	34.8	38.6	39.4	40.7	41.3	41.4	42.4	42.7	42.7	42.7	42.8	42.8	42.8
24.3	33.7	37.2	41.4	42.2	43.6	44.4	44.5	45.6	45.8	45.8	45.8	45.9	45.9	45.9
29.8	34.8	39.8	44.3	45.2	46.6	47.6	47.8	48.9	49.1	49.2	49.2	49.3	49.3	49.3
32.3	37.4	42.8	47.6	48.7	50.2	51.3	51.6	52.7	53.0	53.0	53.1	53.2	53.2	53.2
35.7	41.2	47.1	52.2	53.1	54.6	55.7	56.0	57.1	57.3	57.3	57.5	57.6	57.6	57.6
38.7	44.7	51.0	55.9	57.1	58.6	59.6	60.0	61.1	61.3	61.3	61.4	61.5	61.5	61.5
42.8	49.2	56.1	61.2	62.3	63.8	65.1	65.4	66.4	66.9	66.9	67.0	67.1	67.1	67.1
44.0	55.3	63.9	69.2	70.3	71.8	73.1	73.4	74.6	75.0	75.0	75.1	75.2	75.2	75.2
52.6	61.1	70.2	76.8	78.3	79.8	81.3	81.6	82.8	83.3	83.3	83.4	83.6	83.6	83.6
54.7	65.9	76.6	83.6	85.3	87.1	88.7	89.0	90.2	90.9	90.9	91.0	91.1	91.1	91.1
57.9	68.6	79.5	86.5	88.6	91.1	92.8	93.1	94.3	95.1	95.2	95.3	95.4	95.4	95.4
57.9	68.6	79.7	87.2	89.1	91.6	93.2	93.5	94.7	95.5	95.5	95.7	95.8	95.8	95.8
58.0	68.9	80.0	87.5	89.2	92.7	94.3	94.6	95.8	96.6	96.7	96.8	96.9	96.9	96.9
58.0	69.1	80.4	88.3	90.6	93.6	95.7	96.1	97.3	98.0	98.1	98.2	98.4	98.4	98.4
58.0	69.1	80.5	88.4	90.7	93.9	96.1	96.4	97.7	98.9	99.1	99.2	99.3	99.3	99.3
58.0	69.1	80.6	88.5	91.0	94.2	96.4	96.7	98.4	99.2	99.3	99.6	99.7	99.7	99.7
58.0	69.1	80.6	88.5	91.0	94.2	96.4	96.7	98.4	99.2	99.5	99.7	99.8	99.8	99.8
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	99.9	99.9	99.9
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	99.9	99.9	99.9
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	100.0	100.0	100.0
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	100.0	100.0	100.0
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	100.0	100.0	100.0
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	100.0	100.0	100.0
58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

912

USAFETAC

FORM 54

0-14 5-10L (1) PREVIOUS EDITIONS OBSOLETE

ATM PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34C08 SANDERFEN GERMANY/COLEMAN AFB

61-70

195

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING	22.4	27.6	29.9	32.5	33.2	34.4	35.5	35.7	35.3	36.8	36.8	36.8	36.9	36.5	36.5	36.5
22.4	22.4	27.6	29.9	32.5	33.2	34.4	35.5	35.7	35.3	36.8	36.8	36.8	36.9	36.5	36.5	36.5
25.6	25.6	33.4	36.4	39.6	40.3	41.9	43.2	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6
29.9	29.9	33.4	36.4	39.6	40.3	41.9	43.2	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6
34.4	25.8	33.5	36.5	39.7	40.3	41.9	43.2	43.6	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7
38.9	27.2	34.0	37.2	40.1	40.9	42.4	43.7	44.0	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2
43.4	27.6	34.4	37.4	40.6	41.3	42.9	44.2	44.5	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6
47.9	28.1	35.0	38.0	41.2	41.9	43.6	44.9	45.2	45.8	46.3	46.3	46.3	46.3	46.3	46.3	46.3
52.4	29.9	37.1	40.6	44.0	44.9	46.9	48.2	48.5	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6
56.9	32.7	40.0	44.2	47.8	48.8	50.8	52.2	52.5	53.2	54.0	54.0	54.1	54.1	54.1	54.1	54.1
61.4	34.8	42.2	46.8	50.6	51.8	53.8	55.3	55.5	56.3	57.0	57.1	57.3	57.3	57.3	57.3	57.3
65.9	39.3	47.8	53.2	57.8	59.3	61.3	62.7	63.0	63.9	64.7	64.9	65.0	65.0	65.0	65.0	65.0
70.4	42.6	51.8	57.8	63.0	64.5	66.8	68.3	68.6	69.5	70.4	70.5	70.6	70.6	70.6	70.6	70.6
74.9	44.7	54.7	61.3	66.5	67.9	70.4	72.1	72.4	73.4	74.2	74.4	74.5	74.5	74.5	74.5	74.5
79.4	47.8	59.4	66.9	72.7	74.1	76.5	78.3	76.7	79.7	80.6	80.7	80.9	80.9	80.9	80.9	80.9
83.9	49.5	61.9	70.4	77.4	78.8	81.9	83.6	84.0	85.2	86.0	86.2	86.3	86.3	86.3	86.3	86.3
88.4	52.5	65.8	75.1	82.3	83.7	87.1	88.9	89.5	90.9	91.8	92.1	92.2	92.2	92.2	92.2	92.2
92.9	54.7	67.6	77.1	84.5	86.2	90.1	92.1	92.8	94.4	95.4	96.2	96.1	96.1	96.1	96.1	96.1
97.4	54.1	67.8	77.3	84.7	86.5	90.4	92.4	93.1	94.7	95.7	96.3	96.4	96.5	96.5	96.5	96.5
101.9	54.4	68.1	77.7	85.2	86.9	91.2	93.7	94.4	96.1	97.1	97.7	97.8	98.0	98.0	98.0	98.0
106.4	54.4	68.1	77.7	85.2	86.9	91.4	94.1	94.8	96.5	97.6	98.1	98.3	98.4	98.4	98.4	98.4
110.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.0	98.6	98.7	98.8	98.8	98.8	98.8
115.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.0	98.6	98.8	99.0	99.0	99.0	99.0
119.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.1	98.7	99.2	99.6	99.6	99.6	99.6
124.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
128.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
133.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
137.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
142.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
146.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
151.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
155.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
160.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
164.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
169.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
173.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
178.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
182.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
187.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
191.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
196.4	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9
200.9	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.0	99.6	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

695

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34068 SAIGON, GERMANY/COLEMAN AFB

01

0A

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

20

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA DIEPHE GERMANY/COLEMAN AAF

60-64

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	0	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
> 10000	17.9	15.1	21.8	22.7	23.5	26.1	25.9	26.9	28.6	28.6	28.4	26.6	28.6	28.6	28.6	29.4												
9000	12.6	16.5	26.1	26.9	29.4	31.9	32.8	32.8	34.5	34.5	34.5	34.5	34.5	34.5	34.5	35.3												
8000	12.6	19.3	26.9	27.7	30.3	32.8	33.6	33.6	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3												
7000	12.6	19.3	26.9	27.7	30.3	32.8	33.6	33.6	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3												
6000	12.6	20.2	27.7	28.6	31.9	34.5	35.3	35.3	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0												
5000	12.6	20.2	28.6	29.4	32.8	37.0	37.8	37.8	39.5	40.3	40.3	40.3	40.3	40.3	40.3	40.3												
4500	13.4	21.8	30.3	31.9	35.3	39.5	40.3	40.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9												
4000	13.4	21.8	30.3	32.8	37.0	42.0	42.9	42.9	44.5	45.4	45.4	45.4	45.4	45.4	45.4	45.4												
3500	13.4	22.7	31.9	35.3	39.5	44.5	45.4	45.4	47.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9												
3000	14.3	23.5	34.5	37.8	42.0	47.1	47.9	47.9	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4												
2500	16.8	27.7	39.5	42.7	47.9	52.9	53.8	53.8	55.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3												
2000	17.6	29.4	43.7	47.9	52.1	57.1	58.0	58.0	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5												
1800	20.2	31.9	49.6	57.1	61.3	67.2	68.1	68.1	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6												
1600	21.0	33.6	53.8	62.2	67.2	73.9	74.8	74.8	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3												
1400	21.8	35.3	59.7	69.7	75.6	82.4	84.0	84.0	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4												
1200	21.8	36.1	60.5	71.4	78.2	85.7	88.2	88.2	90.8	91.6	92.4	92.4	92.4	92.4	92.4	92.4												
1000	21.8	37.0	62.2	73.1	79.8	88.2	90.8	90.8	93.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0												
900	21.8	37.0	62.2	73.1	79.8	88.2	90.8	90.8	93.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0												
800	21.8	37.0	62.2	73.1	79.8	88.2	90.8	90.8	93.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0												
700	21.8	37.0	62.2	73.1	79.8	88.2	90.8	90.8	93.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0												
600	21.8	37.0	62.2	73.1	79.8	88.2	90.8	90.8	93.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0												
500	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	94.1	95.0	95.8	95.8	95.8	95.8	95.8	95.8												
400	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	93.0	93.8	95.8	95.8	95.8	95.8	95.8	95.8												
300	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	93.0	93.8	95.8	95.8	95.8	95.8	95.8	95.8												
200	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	93.0	93.8	95.8	95.8	95.8	95.8	95.8	95.8												
100	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	93.0	93.8	95.8	95.8	95.8	95.8	95.8	95.8												
0	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	93.0	93.8	95.8	95.8	95.8	95.8	95.8	95.8												

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SANDHOFEN GERMANY/COLEMAN AAF

60-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10000	12.2	16.3	20.5	23.8	25.8	27.7	29.6	29.8	30.6	31.0	31.3	31.2	31.3	31.3	31.9	
9000	14.3	19.5	24.6	28.4	30.6	32.2	33.4	35.8	36.6	37.1	37.2	37.4	37.5	37.5	38.5	
8000	14.3	19.5	24.6	28.4	30.6	32.2	33.4	35.8	36.6	37.1	37.2	37.4	37.5	37.5	38.5	
7000	14.5	19.7	24.8	28.6	30.8	32.4	33.6	36.0	36.8	37.3	37.4	37.6	37.7	37.7	38.7	
6000	14.6	19.9	25.0	29.0	31.2	33.8	36.1	36.4	37.3	37.7	37.8	38.0	38.1	38.1	39.1	
5000	15.0	20.5	25.6	29.8	32.0	34.6	36.8	37.2	38.0	38.5	38.6	38.8	38.9	38.9	39.9	
4000	15.8	21.1	26.5	31.0	33.3	35.9	38.1	38.5	39.3	40.0	40.1	40.3	40.5	40.5	41.6	
3000	15.7	22.1	27.8	32.3	34.6	37.5	39.8	40.1	41.1	41.7	41.8	42.0	42.3	42.3	43.3	
2000	18.0	24.7	32.1	37.2	39.5	42.9	45.3	45.7	46.9	47.7	47.8	48.1	48.3	48.3	49.4	
1500	19.8	27.1	35.0	40.6	43.1	46.8	49.3	49.7	51.0	51.9	52.0	52.3	52.5	52.5	53.6	
1000	20.5	28.3	36.9	42.9	45.6	49.5	52.3	52.9	54.3	55.3	55.4	55.7	55.9	55.9	57.0	
800	22.2	31.0	40.6	46.9	49.7	53.7	56.7	57.4	59.0	60.0	60.1	60.5	60.7	60.7	61.8	
600	23.3	32.6	43.0	49.8	52.8	56.9	60.1	60.9	62.6	63.6	63.7	64.0	64.4	64.4	65.4	
400	24.8	35.3	47.0	55.1	58.5	63.1	66.5	67.3	69.2	70.2	70.3	70.6	71.0	71.1	72.2	
200	26.8	38.2	51.0	59.5	63.1	67.8	71.4	72.3	74.3	75.4	75.5	75.8	76.2	76.3	77.4	
100	29.5	40.0	53.8	63.7	67.5	72.6	76.5	77.4	79.7	80.9	81.0	81.4	81.7	81.8	82.9	
0	30.0	42.0	56.7	68.5	72.5	78.1	82.2	83.1	86.2	87.4	87.8	88.1	88.4	88.5	89.6	
10000	31.3	42.7	57.7	69.8	74.2	80.2	84.5	85.5	89.3	90.7	91.0	91.3	91.7	91.8	92.9	
9000	30.3	42.7	58.1	70.2	75.0	81.0	85.6	86.6	90.6	92.1	92.4	92.7	93.1	93.2	94.3	
8000	30.6	43.2	59.2	71.5	76.4	82.6	87.6	88.6	93.4	95.0	95.3	95.7	96.1	96.2	97.3	
7000	30.6	43.3	59.3	71.9	77.1	83.3	88.4	89.5	94.4	96.0	96.3	96.6	97.1	97.2	98.3	
6000	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
5000	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
4000	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
3000	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
2000	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
1000	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
500	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
400	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
300	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
200	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
100	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	
0	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.8	96.5	96.9	97.2	97.6	97.7	98.8	

TOTAL NUMBER OF OBSERVATIONS

923

4
5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SAARDHUFEN GERMANY/COLEMAN AAF

60-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2	1 3/4	1 1/2	1	3/4	1/2	1/4	1/8	3/16	1/16	1/32	1/64	1/128	1/256	0
NO LOWER	15.4	19.9	24.3	25.6	27.2	28.8	29.6	29.8	30.6	30.6	30.7	30.7	30.8	30.8	30.9	
IV 2500	19.6	24.1	29.9	32.1	33.5	35.8	36.8	37.0	37.8	37.9	38.2	38.1	38.2	38.2	38.2	
IV 2000	19.6	24.1	29.9	32.1	33.5	35.8	36.8	37.0	37.8	37.9	38.0	38.1	38.2	38.2	38.2	
IV 1500	19.8	24.3	30.2	32.3	33.8	36.0	37.0	37.2	38.1	38.2	38.3	38.4	38.5	38.5	38.6	
IV 1000	19.8	24.3	30.3	32.5	34.0	36.2	37.2	37.5	38.3	38.4	38.5	38.6	38.7	38.7	38.8	
IV 750	19.8	24.4	30.4	32.7	34.2	36.4	37.5	37.7	38.5	38.6	38.7	38.8	38.9	38.9	39.0	
IV 500	20.5	25.4	31.6	34.2	35.7	38.0	39.0	39.3	40.1	40.3	40.4	40.5	40.6	40.6	40.7	
IV 300	21.1	26.1	32.4	35.0	36.5	38.9	40.2	40.4	41.7	41.9	42.0	42.1	42.2	42.2	42.3	
IV 200	23.2	28.9	35.3	38.2	39.7	42.2	43.7	43.9	45.2	45.4	45.5	45.6	45.7	45.7	45.8	
IV 100	24.7	30.6	37.7	41.4	43.2	46.0	47.5	47.7	49.0	49.2	49.3	49.4	49.5	49.5	49.6	
IV 8000	26.9	32.5	39.8	44.3	46.5	49.7	51.3	51.5	52.8	53.0	53.1	53.2	53.3	53.3	53.4	
IV 6000	27.9	34.6	43.0	48.3	50.7	54.1	55.7	56.0	57.4	57.6	57.7	57.8	57.9	57.9	58.0	
IV 5000	29.3	36.2	45.5	51.1	53.5	57.0	58.7	59.0	60.6	60.8	61.0	61.1	61.3	61.3	61.4	
IV 4500	31.0	38.2	48.1	54.0	56.7	60.5	62.4	62.8	64.8	65.0	65.2	65.4	65.6	65.6	65.7	
IV 4000	34.1	41.6	52.3	58.7	61.6	65.6	67.5	67.8	69.8	70.1	70.3	70.5	70.7	70.7	70.8	
IV 3500	37.5	45.8	58.1	65.2	68.1	72.2	74.4	74.7	76.7	76.9	77.1	77.4	77.6	77.6	77.7	
IV 3000	41.2	50.4	65.1	74.0	77.4	82.1	84.7	85.2	87.2	87.6	87.8	88.0	88.3	88.3	88.4	
IV 2500	43.0	52.6	68.3	78.4	81.9	87.0	89.9	90.6	92.8	92.2	93.4	93.7	93.9	93.9	94.0	
IV 2000	43.2	53.0	68.7	78.8	82.3	87.4	90.6	91.2	93.4	93.9	94.1	94.3	94.5	94.5	94.6	
IV 1800	43.4	53.4	69.6	80.1	83.6	88.8	92.3	92.2	95.7	96.2	96.4	96.6	96.8	96.8	96.9	
IV 1500	43.4	53.7	70.2	81.0	84.4	89.7	93.2	94.2	96.6	97.1	97.4	97.6	97.8	97.8	97.9	
IV 1200	43.4	53.7	70.2	81.1	84.6	89.8	93.3	94.4	96.9	97.6	97.8	98.0	98.2	98.2	98.4	
IV 1000	43.4	53.7	70.2	81.4	84.9	90.2	93.8	94.8	97.4	98.0	98.3	98.6	98.8	98.8	99.2	
IV 900	43.4	53.7	70.3	81.4	84.9	90.2	93.8	94.9	97.5	98.2	98.5	98.8	99.0	99.0	99.5	
IV 800	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.8	98.5	98.8	99.2	99.4	99.4	99.9	
IV 700	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 600	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 500	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 400	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 300	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 200	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 100	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
IV 0	43.4	53.7	70.3	81.4	84.9	90.2	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 945

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

34068

SANDHOEFEN GERMANY/COLEMAN AAF

60-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
10000	21.4	24.0	26.5	28.8	29.3	29.9	30.2	30.5	30.6	30.6	30.7	30.6	30.8	30.8	30.8	30.8
9000	26.6	29.5	32.6	35.6	36.2	37.1	37.3	37.6	37.7	37.7	37.9	38.1	38.1	38.1	38.1	38.1
8000	26.6	29.5	32.6	35.6	36.2	37.1	37.3	37.6	37.7	37.7	37.9	38.1	38.1	38.1	38.1	38.1
7000	26.6	29.5	32.9	35.8	36.4	37.3	37.5	37.8	37.9	37.9	38.2	38.3	38.3	38.3	38.3	38.3
6000	26.8	29.7	32.2	36.1	36.8	37.6	37.8	38.2	38.3	38.3	38.5	38.6	38.6	38.6	38.6	38.6
5000	28.2	31.1	34.7	37.7	38.4	39.4	39.6	39.9	40.0	40.0	40.2	40.3	40.3	40.3	40.3	40.3
4500	29.0	32.1	35.8	38.8	39.5	40.4	40.6	41.0	41.1	41.1	41.3	41.4	41.4	41.4	41.4	41.4
4000	31.7	35.1	39.2	42.5	43.1	44.1	44.3	44.6	44.8	44.8	45.0	45.1	45.1	45.1	45.1	45.1
3500	35.0	39.4	44.1	47.4	48.1	49.1	49.3	49.6	49.7	49.7	49.9	50.1	50.1	50.1	50.1	50.1
3000	36.6	41.1	46.4	49.8	50.6	51.6	51.8	52.1	52.2	52.2	52.4	52.5	52.5	52.5	52.5	52.5
2500	39.8	44.4	49.7	53.4	54.2	55.1	55.4	55.7	55.8	55.8	56.0	56.1	56.1	56.1	56.1	56.1
2000	42.4	47.7	53.5	57.3	58.2	59.1	59.5	59.8	59.9	59.9	60.1	60.2	60.2	60.2	60.2	60.2
1500	44.8	50.3	56.4	60.3	61.3	62.3	62.8	63.1	63.2	63.2	63.5	63.6	63.6	63.6	63.6	63.6
1000	50.7	56.9	64.2	68.4	69.5	70.7	71.0	71.4	71.6	71.6	71.8	71.9	71.9	71.9	71.9	71.9
900	55.4	62.6	70.5	75.1	76.2	77.7	78.1	78.5	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0
800	62.7	71.6	81.2	86.8	88.2	89.8	90.2	90.6	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.2
700	63.9	73.4	84.0	90.5	91.9	93.6	94.1	94.6	94.9	95.0	95.2	95.5	95.5	95.5	95.5	95.5
600	64.3	73.9	85.0	91.5	93.2	94.9	95.4	95.9	96.2	96.3	96.5	96.8	96.8	96.8	96.8	96.8
500	64.9	74.6	86.3	92.9	94.7	96.6	97.1	97.6	97.9	98.1	98.3	98.5	98.5	98.5	98.5	98.5
400	64.9	74.8	86.7	93.5	95.4	97.4	97.8	98.4	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4
300	64.9	74.9	86.8	93.6	95.8	97.5	97.9	98.5	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5
200	64.9	74.9	86.8	93.6	95.8	97.5	97.9	98.5	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5
100	65.1	75.1	87.0	93.9	95.8	97.8	98.4	98.9	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9
0	65.1	75.1	87.0	94.1	95.9	97.9	98.5	99.0	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAUMPFEN GERMANY/COLEMAN AAF 60-70 APR 1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
8000	26.6	27.6	28.8	28.9	29.0	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
7000	35.1	36.3	38.3	38.5	38.6	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
6000	35.1	36.4	38.5	38.6	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
5000	35.2	36.5	38.6	38.7	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
4000	36.2	37.6	39.6	39.7	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
3000	37.8	39.5	41.7	41.8	41.9	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2000	38.7	40.5	42.8	42.9	43.0	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
1500	42.6	44.6	47.0	47.1	47.2	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
1000	47.3	49.7	52.4	52.5	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
900	49.1	51.6	54.7	55.0	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
800	52.2	55.2	58.6	59.1	59.3	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
700	55.6	59.4	63.8	64.8	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
600	60.7	64.9	69.5	70.6	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
500	66.3	71.5	77.1	78.3	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
400	71.2	76.9	82.8	84.2	84.9	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
300	75.3	82.4	89.3	91.6	91.9	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
200	76.7	84.3	91.9	94.8	95.2	96.3	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1500	76.8	84.4	92.2	93.3	96.0	97.1	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1000	77.2	84.9	92.7	96.3	97.2	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
900	77.4	85.1	92.9	96.9	97.8	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	77.4	85.1	92.9	97.0	97.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SANDHORN GERMANY/COLEMAN AAF

60-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

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 OBSERV.	28.7	31.4	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 4000	37.6	41.0	43.1	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 3500	37.6	41.0	43.1	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 3000	37.9	41.2	43.4	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 2500	39.8	42.1	44.3	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 2000	39.9	43.4	45.6	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 1500	41.0	44.4	46.5	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1000	44.3	48.0	50.5	51.1	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 800	49.3	53.4	56.2	56.7	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 600	52.4	56.7	59.8	60.8	60.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 500	56.9	62.4	65.7	66.7	67.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 400	60.2	67.0	71.3	73.1	73.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 300	63.8	71.1	76.0	77.6	77.9	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 200	67.7	75.3	80.9	82.9	83.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 150	71.6	78.7	84.8	87.0	87.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 100	72.2	81.0	87.8	91.0	91.3	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	73.5	82.8	89.9	93.1	93.3	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	73.5	82.8	90.0	93.5	93.9	96.2	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	74.2	83.5	91.0	94.9	95.4	97.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	74.2	83.5	91.3	95.4	95.8	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	74.2	83.5	91.3	95.4	96.1	98.6	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 150	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.2	83.5	91.3	95.4	96.2	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

691

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SANDHOFEN GERMANY/COLEMAN AAF

60-64

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATISTICS															
	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
NO OBSERV	4.2	6.7	11.8	17.6	24.4	26.1	26.9	26.9	27.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 1000	5.0	8.4	14.3	21.8	28.6	30.3	31.1	31.1	32.8	34.5	34.5	34.5	35.3	35.3	35.3	35.3
≥ 900	5.0	8.4	15.1	22.7	29.4	31.1	31.9	31.9	33.6	35.3	35.3	35.3	36.1	36.1	36.1	36.1
≥ 800	5.0	8.4	15.1	22.7	29.4	31.1	31.9	31.9	33.6	35.3	35.3	35.3	36.1	36.1	36.1	36.1
≥ 700	5.0	8.4	15.1	22.7	29.4	31.9	32.8	32.8	34.5	36.1	36.1	36.1	37.0	37.0	37.0	37.0
≥ 600	5.0	10.1	16.8	24.4	31.9	34.5	35.3	35.3	37.0	38.7	38.7	38.7	39.5	39.5	39.5	39.5
≥ 500	5.0	10.1	16.8	24.4	31.9	34.5	35.3	35.3	37.0	38.7	38.7	38.7	39.5	39.5	39.5	39.5
≥ 400	6.7	11.8	21.0	28.6	36.1	38.7	39.5	39.5	41.2	42.9	42.9	42.9	43.7	43.7	43.7	43.7
≥ 300	7.6	13.4	24.4	33.6	41.2	44.5	45.4	45.4	47.1	48.7	48.7	48.7	49.6	49.6	49.6	49.6
≥ 200	7.6	13.4	24.4	34.5	42.0	46.2	47.9	47.9	49.6	51.3	51.3	51.3	52.1	52.1	52.1	52.1
≥ 100	10.1	17.6	30.3	42.0	49.6	54.6	56.3	56.3	58.0	60.5	60.5	61.3	62.2	62.2	62.2	62.2
≥ 0	10.9	20.2	33.6	47.1	54.6	59.7	61.3	61.3	63.0	67.2	67.2	68.1	68.9	68.9	68.9	68.9
≥ 1000	11.8	21.0	37.0	50.4	58.0	63.9	65.5	65.5	71.4	73.1	73.1	73.9	74.8	74.8	74.8	74.8
≥ 900	13.4	23.5	41.2	54.6	63.9	69.7	71.4	71.4	78.2	80.7	80.7	81.5	82.4	82.4	82.4	82.4
≥ 800	13.4	23.5	41.2	54.6	63.9	69.7	71.4	71.4	78.2	80.7	80.7	81.5	82.4	82.4	82.4	82.4
≥ 700	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 600	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 500	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 400	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 300	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 200	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 100	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3
≥ 0	15.1	26.1	48.7	63.9	73.1	79.0	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

119

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAND-UFER GERMANY/COLEMAN AAF 60-70

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0670-0800

	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
500	15.2	20.7	27.6	31.4	33.0	35.0	35.8	36.1	37.5	37.6	37.6	37.6	37.6	37.6	38.0	38.0	38.1											
400	17.8	23.9	31.7	36.4	38.2	40.0	41.6	42.2	43.6	43.7	43.7	43.7	44.2	44.2	44.2	44.2	44.2											
300	17.8	23.9	31.8	36.5	38.4	40.8	41.9	42.4	43.8	43.9	43.9	43.9	44.4	44.4	44.4	44.4	44.4											
200	17.8	24.0	32.1	36.8	38.9	41.2	42.3	42.8	44.2	44.3	44.3	44.3	44.9	44.9	44.9	44.9	44.9											
100	17.8	24.0	32.1	36.8	38.9	41.2	42.3	42.8	44.2	44.3	44.3	44.3	44.9	44.9	44.9	44.9	44.9											
0	18.2	24.7	32.9	37.6	39.6	42.2	43.3	43.8	45.2	45.3	45.3	45.3	45.8	45.8	45.8	45.8	45.8											
500	19.0	26.2	34.6	39.7	41.8	44.4	45.5	46.0	47.5	47.6	47.6	47.6	48.2	48.2	48.2	48.2	48.2											
400	19.5	27.1	36.3	41.9	43.9	46.7	48.0	48.5	50.0	50.2	50.2	50.2	50.7	50.7	50.7	50.7	50.7											
300	22.1	30.7	40.5	46.4	48.6	52.1	53.7	54.3	56.0	56.2	56.2	56.2	56.7	56.7	56.7	56.7	56.7											
200	25.1	35.3	46.4	52.6	55.4	59.4	61.2	61.8	63.8	64.0	64.0	64.0	64.6	64.6	64.6	64.6	64.6											
100	26.6	37.3	48.9	55.5	58.4	63.4	65.3	66.2	68.2	68.5	68.5	68.5	69.2	69.2	69.2	69.2	69.2											
0	28.2	39.4	52.4	59.3	62.4	68.0	69.9	70.8	72.9	73.2	73.2	73.2	73.9	73.9	73.9	73.9	73.9											
500	29.2	41.0	54.7	62.1	65.2	71.0	73.0	74.0	76.2	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3											
400	30.1	42.2	56.7	64.7	68.3	74.3	76.4	77.4	79.7	80.2	80.2	80.2	80.8	80.8	80.8	80.8	80.8											
300	31.6	44.3	59.7	67.8	71.5	77.5	79.5	80.1	81.3	81.8	81.8	81.8	82.4	82.4	82.4	82.4	82.4											
200	33.5	46.5	62.8	71.7	75.6	82.1	84.4	85.5	86.3	86.9	86.9	86.9	87.5	87.5	87.5	87.5	87.5											
100	34.0	47.4	64.8	73.9	77.7	84.6	86.9	88.1	89.4	90.7	91.4	92.2	92.3	92.3	92.3	92.3	92.3											
0	34.9	48.3	66.1	75.6	79.4	86.3	88.7	89.9	91.3	92.6	93.3	94.0	94.3	94.3	94.3	94.3	94.3											
500	35.0	48.9	66.9	76.7	80.6	87.7	90.4	91.6	93.0	93.7	94.0	94.8	95.1	95.1	95.1	95.1	95.1											
400	35.1	49.1	67.5	77.2	81.2	88.3	91.0	92.3	93.6	94.4	94.7	95.4	95.7	95.7	95.7	95.7	95.7											
300	35.1	49.1	67.6	77.3	81.3	88.4	91.2	92.5	93.8	94.6	94.9	95.6	95.9	95.9	95.9	95.9	95.9											
200	35.1	49.1	67.6	77.3	81.3	88.4	91.2	92.5	93.8	94.6	94.9	95.6	95.9	95.9	95.9	95.9	95.9											
100	35.1	49.1	67.8	77.5	81.5	88.7	91.4	92.7	94.1	94.9	95.2	95.9	96.2	96.2	96.2	96.2	96.2											
0	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											
500	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											
400	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											
300	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											
200	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											
100	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											
0	35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	94.4	95.2	95.5	96.2	96.5	96.5	96.5	96.5	96.5											

TOTAL NUMBER OF OBSERVATIONS

934

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SANDHORN GERMANY/COLEMAN AAF

60-70

AY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING Feet	WIND DIRECTION															
	210	225	240	255	270	285	300	315	330	345	360	375	390	405	420	435
NO CEILING	20.5	26.3	32.5	34.1	35.0	36.5	37.5	37.6	38.3	38.3	38.4	38.5	38.5	38.5	38.5	38.5
1000	23.0	29.1	36.5	38.8	39.8	41.5	42.6	42.9	43.7	43.8	43.9	44.1	44.1	44.1	44.1	44.1
1200	23.0	29.1	36.5	38.8	39.8	41.5	42.6	42.9	43.7	43.8	43.9	44.1	44.1	44.1	44.1	44.1
1400	23.1	29.2	36.6	38.9	39.9	41.6	42.8	43.0	43.8	43.9	44.0	44.2	44.2	44.2	44.2	44.2
1600	23.8	29.9	37.3	39.8	40.9	42.6	43.8	44.0	44.8	44.9	45.0	45.3	45.3	45.3	45.3	45.3
1800	24.9	31.5	39.0	41.6	42.6	44.5	45.8	46.0	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2
2000	26.0	33.7	41.4	44.0	45.2	47.1	48.5	48.7	49.6	49.7	49.8	50.1	50.1	50.1	50.1	50.1
2200	29.7	38.0	46.4	49.1	50.3	52.2	53.6	53.8	54.7	54.8	55.0	55.2	55.2	55.2	55.2	55.2
2400	33.0	41.6	50.5	53.6	54.8	56.9	58.4	58.6	59.5	59.6	59.7	60.0	60.0	60.0	60.0	60.0
2600	34.4	43.6	52.8	56.6	57.9	60.0	61.7	61.9	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3
2800	37.2	46.9	56.7	60.8	62.7	64.9	66.6	66.8	67.8	67.9	68.0	68.2	68.2	68.2	68.2	68.2
3000	39.0	49.2	60.3	64.9	66.6	69.2	71.0	71.2	72.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6
3200	41.8	52.2	63.5	68.3	70.4	72.9	74.8	75.0	75.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4
3400	45.2	56.4	69.0	74.7	77.0	79.7	81.6	81.9	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4
3600	48.1	60.1	73.7	80.3	82.9	85.8	87.8	88.0	89.3	89.4	89.5	89.8	89.8	89.8	89.8	89.8
3800	50.2	62.5	77.4	84.4	87.0	90.4	92.5	92.8	94.1	94.2	94.3	94.6	94.6	94.6	94.6	94.6
4000	50.9	63.6	78.5	85.6	88.2	91.8	93.8	94.2	95.4	95.5	95.6	95.9	95.9	95.9	95.9	95.9
4200	51.1	63.9	78.9	86.0	88.6	92.2	94.3	94.6	95.8	95.9	96.0	96.4	96.4	96.4	96.4	96.4
4400	51.1	64.0	79.3	86.7	89.3	93.1	95.3	95.6	96.9	97.0	97.1	97.4	97.4	97.4	97.4	97.4
4600	51.4	64.3	79.9	87.2	90.0	93.6	95.8	96.1	97.4	97.5	97.6	97.9	97.9	97.9	97.9	97.9
4800	51.6	64.7	80.4	87.7	90.6	94.2	96.5	96.8	98.0	98.1	98.2	98.7	98.7	98.7	98.7	98.7
5000	51.8	64.9	80.6	87.9	90.8	94.5	96.7	97.0	98.2	98.3	98.4	99.0	99.0	99.0	99.0	99.0
5200	51.8	64.9	80.6	88.2	91.1	94.8	97.0	97.3	98.5	98.6	98.7	99.0	99.0	99.0	99.0	99.0
5400	51.8	64.9	80.7	88.3	91.2	94.9	97.1	97.4	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1
5600	51.8	64.9	80.7	88.4	91.3	95.0	97.2	97.5	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2
5800	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
6000	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
6200	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
6400	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
6600	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
6800	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
7000	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
7200	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
7400	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
7600	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
7800	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
8000	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
8200	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
8400	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
8600	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
8800	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
9000	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
9200	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
9400	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
9600	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
9800	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4
10000	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

959

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/YAC

CEILING VERSUS VISIBILITY

34068

SANDHOPE, GERMANY/GULENAN AAF

60-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS:

1200-1400

CEILING	3000	2400	1800	1200	600	300	150	75	30	15	10	5	3	2	1
>3000	26.9	30.0	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
3000	33.8	37.9	40.5	40.8	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
2400	33.8	37.9	40.5	40.8	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
1800	34.1	38.2	40.8	41.1	41.2	41.5	41.5	41.5	41.5	41.7	41.8	41.8	41.8	41.8	41.8
1200	34.5	38.8	41.3	41.7	41.8	42.2	42.2	42.2	42.4	42.5	42.5	42.5	42.5	42.5	42.5
600	35.7	39.9	42.6	43.0	43.1	43.4	43.4	43.4	43.5	43.8	43.8	43.8	43.8	43.8	43.8
300	37.1	41.4	44.2	44.7	44.8	45.1	45.1	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4
150	41.0	45.8	48.5	49.5	49.7	50.0	50.0	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3
>3000	44.0	48.8	51.9	52.5	52.8	53.1	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4
3000	46.0	51.0	54.2	54.9	55.1	55.4	55.4	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8
2400	49.7	53.0	58.7	59.4	59.7	60.1	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5
1800	52.9	58.6	62.6	63.5	63.9	64.2	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6
1200	59.7	63.8	70.2	71.4	71.5	72.1	72.1	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6
600	66.0	72.9	78.4	80.7	81.3	81.6	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2
300	72.4	80.6	86.7	89.1	89.6	90.0	90.0	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7
>3000	75.2	83.8	91.0	93.6	94.2	94.6	94.7	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6
3000	75.3	82.2	92.4	93.1	93.7	94.1	94.2	94.2	95.8	97.0	97.0	97.0	97.0	97.0	97.0
2400	76.4	85.4	92.6	95.4	96.0	96.4	96.6	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5
1800	75.6	83.8	93.1	96.0	96.5	97.0	97.2	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1
1200	76.7	85.9	93.6	96.5	97.0	97.7	97.9	97.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7
600	76.9	86.2	94.2	97.0	97.7	98.3	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
300	76.9	86.2	94.2	97.0	97.7	98.3	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
>3000	76.9	86.3	94.4	97.2	97.9	98.5	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
3000	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
2400	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
1800	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
1200	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
600	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
300	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>3000	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
3000	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
2400	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
1800	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
1200	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
600	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
300	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>3000	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 944

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

3406B

SALZBÜREN GERMANY/COLEMAN AAF

60-72

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

29.7	30.5	31.3	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
41.3	42.4	42.1	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
41.3	42.4	43.1	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
41.3	42.4	42.1	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
41.5	42.6	43.4	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
42.7	44.0	44.8	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
44.2	45.7	46.4	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
45.7	47.1	47.9	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
50.8	52.6	53.5	53.7	53.7	53.7	53.7	53.8	53.8	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1
55.3	57.5	58.4	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2
58.6	60.8	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5
63.0	65.4	66.5	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
64.2	70.8	72.0	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1
74.6	77.8	79.1	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7
79.6	84.1	85.6	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7
84.3	89.9	91.7	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1
85.9	92.0	94.3	96.4	96.4	96.4	96.6	96.7	96.7	96.7	97.0	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4
86.3	92.5	93.0	97.1	97.1	97.1	97.4	97.5	97.5	97.5	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1
86.4	92.6	95.2	97.5	97.5	97.5	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5
86.7	93.0	95.7	98.0	98.0	98.0	98.9	98.8	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
87.0	93.3	96.0	98.5	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

911

CEILING VERSUS VISIBILITY

34068

SANDHOFEN GERMANY/COLEMAN AAF

60-43

0330-0500

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0330-0500

	14.6	14.6	21.4	28.2	32.0	37.9	40.8	41.7	43.7	44.7	44.7	44.7	44.7	44.7	44.7
	15.5	15.5	25.2	35.9	39.8	45.6	48.5	49.5	51.5	52.4	52.4	52.4	52.4	52.4	52.4
	16.5	16.5	26.2	35.9	39.8	45.6	48.5	49.5	51.5	52.4	52.4	52.4	52.4	52.4	52.4
	16.5	16.5	27.2	36.9	40.8	46.6	49.5	50.5	52.4	53.4	53.4	53.4	53.4	53.4	53.4
	16.5	16.5	27.2	36.9	40.8	47.6	50.5	51.5	53.4	54.4	54.4	54.4	54.4	54.4	54.4
	17.5	18.4	29.1	39.8	44.7	51.5	54.4	55.3	57.3	58.3	58.3	58.3	58.3	58.3	58.3
	17.5	18.4	30.1	40.8	45.6	52.4	55.3	56.3	58.3	59.2	59.2	59.2	59.2	59.2	59.2
	20.4	21.4	33.9	46.6	51.5	58.3	61.2	62.1	64.1	65.0	65.0	65.0	65.0	65.0	65.0
	22.3	22.3	37.9	49.5	54.4	61.2	64.1	65.0	68.0	68.9	68.9	68.9	68.9	68.9	68.9
	22.3	24.3	39.8	51.5	56.3	63.1	66.0	67.0	69.9	70.9	70.9	70.9	70.9	70.9	71.8
	23.3	26.2	42.7	54.4	59.2	66.0	68.9	69.9	72.8	73.8	73.8	73.8	73.8	73.8	74.8
	23.3	26.2	42.7	56.3	61.2	68.0	70.9	71.8	74.8	75.7	75.7	75.7	75.7	75.7	76.7
	23.3	26.2	47.6	61.2	66.0	72.8	76.7	77.7	81.6	83.5	83.5	83.5	83.5	83.5	84.5
	23.3	28.2	48.5	62.1	67.0	74.8	78.6	79.6	83.5	85.4	85.4	85.4	85.4	85.4	86.4
	25.2	28.2	48.5	63.1	68.0	76.7	81.6	82.6	86.4	88.3	88.3	88.3	88.3	88.3	89.3
	26.2	29.1	50.5	65.0	69.9	80.6	85.4	86.4	91.3	93.2	93.2	93.2	93.2	93.2	94.2
	26.2	29.1	50.5	65.0	69.9	80.6	85.4	86.4	91.3	94.2	94.2	94.2	94.2	94.2	95.1
	26.2	29.1	50.5	65.0	69.9	80.6	85.4	86.4	91.3	94.2	94.2	94.2	94.2	94.2	95.1
	27.2	30.1	52.4	68.0	72.8	82.5	87.4	88.3	93.2	96.1	96.1	96.1	96.1	96.1	97.1
	27.2	30.1	52.4	68.0	72.8	83.5	88.3	89.3	94.2	97.1	97.1	97.1	97.1	97.1	98.1
	27.2	30.1	52.4	68.0	72.8	83.5	88.3	89.3	94.2	97.1	97.1	97.1	97.1	97.1	98.1
	27.2	30.1	52.4	68.0	72.8	83.5	88.3	89.3	94.2	97.1	97.1	97.1	97.1	97.1	98.1
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0
	27.2	30.1	52.4	68.0	72.8	84.5	89.3	90.3	95.1	98.1	98.1	98.1	98.1	98.1	99.0

TOTAL NUMBER OF OBSERVATIONS

103

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068 SAARHOEFEN GERMANY/OBERAN AAF

60-73

4-1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0900

Visibility	19.7	23.4	31.2	36.4	39.7	42.6	44.7	45.0	45.4	46.1	46.2	46.3	46.3	46.4
0	22.9	27.1	36.4	42.7	46.8	49.9	52.3	52.5	53.0	54.3	54.5	54.6	54.6	54.8
10	23.1	27.2	35.5	42.8	46.9	50.0	52.4	52.6	53.1	54.5	54.4	54.7	54.7	54.9
20	23.1	27.2	35.5	42.8	46.9	50.0	52.4	52.6	53.1	54.5	54.6	54.7	54.7	54.9
30	23.4	27.9	37.4	43.8	47.9	51.1	53.5	53.8	54.2	55.6	55.7	55.8	55.8	56.1
40	23.7	28.2	38.0	44.4	48.5	51.9	54.3	54.6	55.0	56.4	56.5	56.6	56.6	56.8
50	24.8	29.3	39.7	46.6	50.7	54.3	56.7	57.0	57.5	59.0	59.1	59.2	59.2	59.5
60	25.5	31.4	42.8	49.9	54.6	58.6	61.1	61.3	62.0	63.6	63.7	63.8	63.8	64.1
70	28.5	33.7	46.1	54.2	58.9	63.0	65.8	66.0	66.8	68.4	68.5	68.6	68.7	68.9
80	29.7	35.5	48.7	57.2	62.0	66.3	69.1	69.3	70.1	71.7	71.9	72.0	72.1	72.4
90	32.4	38.9	52.9	62.2	67.5	72.0	74.8	75.1	75.9	77.6	77.9	78.0	78.1	78.3
100	33.3	40.1	54.5	64.0	69.4	74.0	76.8	77.3	78.1	79.9	80.1	80.3	80.4	80.6
110	34.4	41.2	56.4	66.4	72.0	76.8	79.7	80.1	81.5	83.3	83.7	83.8	84.0	84.2
120	35.3	42.5	58.1	68.5	74.1	79.0	82.1	82.5	84.1	86.0	86.3	86.4	86.6	86.9
130	36.2	43.4	59.4	70.1	75.8	81.1	84.2	84.7	86.4	88.4	88.7	88.9	89.2	89.4
140	37.6	44.7	60.8	71.9	77.7	83.4	86.9	87.3	89.0	91.4	91.8	92.0	92.2	92.5
150	38.8	46.3	62.8	74.3	80.3	86.1	89.5	90.0	91.8	94.4	94.9	95.1	95.3	95.5
160	38.9	46.5	62.9	74.4	80.4	86.2	89.7	90.2	92.0	94.6	95.1	95.3	95.5	95.8
170	39.2	46.9	63.5	75.6	81.7	87.9	91.3	92.0	93.8	96.9	97.3	97.7	97.9	98.2
180	39.2	47.0	63.6	75.7	81.8	88.0	91.4	92.1	93.9	97.0	97.6	97.8	98.1	98.3
190	39.2	47.1	63.8	75.9	82.1	88.2	91.7	92.4	94.2	97.4	97.9	98.2	98.5	98.7
200	39.2	47.1	63.8	75.9	82.1	88.2	91.7	92.5	94.3	97.5	98.1	98.3	98.7	99.0
210	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
220	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
230	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
240	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
250	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
260	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
270	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
280	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
290	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
300	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
310	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
320	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
330	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
340	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
350	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3
360	39.3	47.3	63.9	76.0	82.2	88.3	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS

876

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0970-1100

CEILING	0	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000		
2500	27.5	30.3	35.2	38.3	39.6	41.7	42.7	42.8	43.8	44.2	44.5	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
2400	29.0	34.8	41.2	44.7	46.2	48.5	49.6	49.7	50.8	51.5	51.8	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2300	29.0	34.8	41.2	44.7	46.2	48.5	49.6	49.7	50.8	51.5	51.8	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2200	29.1	35.0	41.4	44.9	46.4	48.8	49.8	49.9	51.0	51.7	52.0	52.1	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
2100	29.1	35.1	41.5	45.0	46.5	48.9	49.9	50.1	51.1	51.8	52.1	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
2000	29.8	36.1	42.9	46.5	48.0	50.5	51.7	51.8	53.1	53.7	54.0	54.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
1900	30.3	36.9	44.0	47.8	49.4	51.9	53.1	53.2	54.5	55.2	55.7	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
1800	33.5	40.3	48.7	52.1	53.8	56.6	58.0	58.3	59.5	60.5	60.8	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
1700	35.8	42.9	51.0	55.0	57.3	60.1	61.6	61.8	63.1	64.2	64.5	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
1600	36.9	44.4	53.1	58.0	59.8	62.7	64.2	64.4	65.7	66.8	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1500	39.6	47.8	57.1	62.6	64.5	67.5	69.0	69.3	70.6	71.6	72.1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
1400	41.3	50.1	59.8	65.4	67.4	70.4	72.0	72.2	73.5	74.5	75.0	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1300	42.5	51.3	61.3	67.0	69.1	72.0	74.1	74.3	75.6	76.7	77.3	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
1200	45.2	54.4	64.4	70.3	72.5	76.1	77.6	77.8	79.2	80.3	81.0	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1100	49.6	59.4	70.1	76.7	78.9	82.7	84.5	84.8	86.4	87.7	88.5	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1000	52.6	63.0	74.5	81.6	83.7	87.9	89.8	90.2	92.0	93.3	94.1	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
900	53.7	64.3	76.2	83.5	85.7	90.0	91.9	92.3	94.2	95.5	96.2	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
800	53.9	64.5	76.6	83.9	86.1	90.4	92.3	92.8	94.6	95.9	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
700	54.2	64.7	76.9	84.4	86.8	91.4	93.4	93.9	95.9	97.3	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
600	54.3	64.9	77.1	84.6	87.1	91.7	93.7	94.2	96.2	97.6	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	54.5	65.2	77.3	84.8	87.3	91.9	94.0	94.4	96.4	97.8	98.6	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	54.5	65.2	77.3	84.8	87.3	92.0	94.3	94.7	96.8	98.2	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	54.5	65.2	77.3	84.8	87.3	92.0	94.3	94.7	96.8	98.4	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	54.5	65.2	77.3	84.8	87.3	92.0	94.3	94.7	96.8	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	54.5	65.2	77.3	84.8	87.3	92.0	94.3	94.7	96.8	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	54.5	65.2	77.3	84.8	87.3	92.0	94.3	94.7	96.8	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICES/MAC

CEILING VERSUS VISIBILITY

34068 SANDHOFEN GERMANY/COLEMAN AAF 6070

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

3000	28.9	30.8	32.5	33.6	33.9	34.4	34.4	34.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1
2800	25.2	27.7	29.7	30.8	31.2	31.7	32.0	32.2	32.5	32.7	32.7	32.7	32.7	32.7	32.7
2600	35.3	37.7	39.7	40.8	41.2	41.7	42.0	42.2	42.5	42.7	42.7	42.7	42.7	42.7	42.7
2400	35.2	37.7	39.7	40.8	41.2	41.7	42.0	42.2	42.5	42.7	42.7	42.7	42.7	42.7	42.7
2200	35.6	37.9	40.0	41.1	41.4	41.9	42.3	42.4	42.7	42.9	42.9	42.9	42.9	42.9	42.9
2000	36.6	38.9	40.9	42.2	42.5	43.0	43.4	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0
1800	38.0	40.4	42.9	44.2	44.6	45.1	45.8	45.9	46.2	46.4	46.4	46.4	46.4	46.4	46.4
1600	39.2	41.7	44.2	45.7	46.0	46.5	47.2	47.3	47.6	47.9	47.9	47.9	47.9	47.9	47.9
1400	43.6	46.2	49.4	50.8	51.3	52.3	53.0	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7
1200	47.9	50.9	54.4	55.9	56.4	57.5	58.3	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9
1000	50.8	54.2	58.1	59.6	60.2	61.4	62.1	62.2	62.6	62.8	62.8	62.8	62.8	62.8	62.8
800	53.5	57.2	61.5	63.0	63.6	64.8	65.5	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2
600	56.0	59.8	64.4	66.0	66.5	67.7	68.5	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2
400	61.6	65.6	70.7	72.4	73.1	74.3	75.2	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9
200	66.6	71.0	76.5	78.6	79.3	80.6	81.8	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4
100	72.4	77.3	84.3	86.6	87.3	88.7	90.2	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9
50	74.9	80.1	88.4	91.0	91.8	93.2	94.7	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4
25	76.2	81.6	90.2	92.9	93.7	95.2	96.7	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4
10	76.2	81.6	90.2	92.9	93.7	95.2	96.7	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5
5	76.6	82.0	90.9	93.7	94.6	96.0	97.6	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4
2	76.8	82.2	91.2	94.1	95.3	96.8	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
1	76.9	82.3	91.3	94.2	95.4	96.9	98.6	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3
0	76.9	82.3	91.3	94.2	95.4	96.9	98.6	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3
3000	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
2800	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
2600	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
2400	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
2200	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
2000	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
1800	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
1600	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
1400	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
1200	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
1000	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
800	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
600	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
400	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
200	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
100	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
0	76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

911

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

2406R SANDHOFEN GERMANY/COLEMAN AAF

60-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING	VISIBILITY (STAT MILES)															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1000	30.0	31.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
900	40.9	42.4	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
800	41.0	42.5	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
700	41.2	42.7	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
600	41.8	43.3	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
500	43.9	45.4	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
400	45.4	47.0	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
300	51.1	53.2	55.5	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
200	59.1	61.8	64.3	64.6	64.6	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
1500	65.0	68.2	71.0	71.3	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
1400	69.9	73.2	76.1	76.5	76.5	76.7	75.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
1300	73.3	78.8	81.8	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1200	78.9	82.6	86.1	86.9	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
1100	82.2	86.5	91.0	91.9	92.0	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1000	84.0	88.8	93.8	95.2	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
900	84.7	89.5	94.5	95.9	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
800	84.8	89.6	94.6	96.0	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
700	85.5	90.3	95.4	97.1	97.4	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600	85.7	90.5	95.9	97.6	97.9	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
500	85.7	90.6	96.0	97.9	98.3	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	85.7	90.6	96.0	98.1	98.6	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	85.7	90.6	96.0	98.1	98.6	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	85.7	90.6	96.0	98.1	98.6	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	85.7	90.6	96.0	98.2	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	85.7	90.6	96.0	98.2	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA DUFFEL GERMANY/COLEMAN AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
IVIV 1000	39.3	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IVIV 900	49.9	51.5	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IVIV 800	49.9	51.5	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IVIV 700	49.9	51.5	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IVIV 600	50.1	51.7	52.2	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IVIV 500	51.0	52.6	53.1	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IVIV 400	52.3	53.9	54.6	54.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IVIV 300	54.4	56.2	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IVIV 200	62.3	64.7	65.3	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IVIV 1500	66.5	68.9	69.5	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IVIV 1400	69.3	72.1	72.7	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IVIV 1300	74.0	77.5	78.2	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IVIV 1200	77.0	81.1	82.0	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IVIV 1100	81.1	85.6	87.0	87.6	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IVIV 1000	83.2	88.1	89.9	90.7	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVIV 900	84.4	89.6	91.8	92.1	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVIV 800	85.4	90.9	93.6	95.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IVIV 700	85.7	91.2	93.9	95.8	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVIV 600	85.9	91.3	94.2	96.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVIV 500	85.9	91.3	94.2	96.2	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVIV 400	86.4	92.0	95.2	97.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVIV 300	86.4	92.0	95.5	97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVIV 200	86.4	92.0	95.7	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIV 100	86.4	92.0	95.7	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIV 0	86.4	92.0	95.7	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

523

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

B406R SANDROFEN GERMANY/COLEMAN AAF

62

01

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

STATION DATA

CEILING (FT)	VISIBILITY (STAT MILES)																									
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
5000	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
4500	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
4000	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
3500	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
3000	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
2500	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
2000	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
1800	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
1700	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
1500	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
1400	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
1200	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
1000	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
900	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
800	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
700	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
600	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
500	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
450	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
300	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
200	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
100	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100
0	100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100	0100

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3406B SANDHORN GERMANY/COLEMAN AFB 60-64

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTES MILES)															
	2 1/2	3	4	5	6	7	8	9	10	11	12	14	16	18	20	25
4000	6.6	13.2	17.0	21.7	21.7	25.5	27.4	27.4	29.2	29.2	29.2	29.2	31.1	31.1	32.1	
3800	8.5	16.0	20.8	26.4	27.4	31.1	34.9	34.9	36.8	37.7	38.7	39.6	40.6	40.6	41.5	
3600	8.5	16.0	20.8	26.4	28.3	32.1	35.8	35.8	37.7	38.7	39.6	40.6	41.5	41.5	42.5	
3400	8.5	16.0	20.8	26.4	29.2	33.0	36.8	36.8	38.7	39.6	40.6	40.6	42.5	42.5	43.4	
3200	9.4	17.0	21.7	27.4	30.2	34.0	37.7	37.7	39.6	40.6	41.5	41.5	43.4	43.4	44.3	
3000	10.4	17.9	23.6	30.2	33.0	37.7	41.5	41.5	43.4	44.3	46.2	46.2	48.1	48.1	49.1	
2800	11.3	18.9	24.5	32.1	35.8	40.6	44.3	44.3	46.2	47.2	49.1	49.1	50.9	50.9	51.9	
2600	11.3	19.8	27.4	36.8	40.6	46.2	50.0	50.0	53.8	54.7	56.6	56.6	58.5	58.5	59.4	
2400	13.2	21.7	30.2	39.6	43.4	50.9	54.7	55.7	60.4	61.3	63.2	63.2	65.1	65.1	66.0	
2200	13.2	21.7	30.2	39.6	44.3	51.9	55.7	56.6	62.3	63.2	65.1	65.1	67.0	67.0	67.9	
2000	13.2	24.5	34.9	45.3	50.9	59.4	63.2	64.2	70.8	71.7	73.6	73.6	75.5	75.5	76.4	
1800	15.0	25.5	36.8	48.1	53.8	63.2	67.9	68.9	75.5	76.4	78.3	78.3	80.2	80.2	81.1	
1600	17.0	26.4	38.7	50.0	55.7	65.1	69.8	70.8	77.4	78.3	80.2	80.2	82.1	82.1	83.0	
1400	17.9	27.4	40.6	52.8	59.4	68.9	73.6	74.5	81.1	82.1	84.0	84.0	85.8	85.8	86.7	
1200	19.8	29.2	42.5	55.7	63.2	72.6	77.4	78.3	84.9	85.8	87.7	87.7	89.6	89.6	90.5	
1000	21.7	31.1	46.2	60.4	67.9	79.2	84.0	84.9	91.5	93.4	95.3	95.3	97.2	97.2	98.1	
800	21.7	31.1	46.2	60.4	67.9	79.2	84.0	84.9	91.5	93.4	95.3	95.3	97.2	97.2	98.1	
600	21.7	31.1	46.2	60.4	67.9	79.2	84.0	84.9	91.5	93.4	95.3	95.3	97.2	97.2	98.1	
400	21.7	31.1	46.2	60.4	67.9	79.2	84.0	84.9	91.5	93.4	95.3	95.3	97.2	97.2	98.1	
200	21.7	31.1	46.2	60.4	67.9	79.2	84.0	84.9	91.5	93.4	95.3	95.3	97.2	97.2	98.1	
0	21.7	31.1	46.2	60.4	67.9	79.2	84.0	84.9	91.5	93.4	95.3	95.3	97.2	97.2	98.1	

TOTAL NUMBER OF OBSERVATIONS

106

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068 SA DRUFEN GERMANY/COLE 'A' AAF 6071

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0670-0800

CEILING	30	25	20	15	10	5	0	30	25	20	15	10	5	0	30	25	20	15	10	5	0	
10000	15.4	21.5	27.6	32.5	34.7	38.7	40.9	41.8	42.8	43.1	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
9000	17.4	23.1	29.3	35.6	38.3	42.4	44.9	46.0	47.1	47.5	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
8000	16.4	23.1	29.8	35.6	38.3	42.4	44.9	46.0	47.1	47.5	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
7000	16.7	23.5	30.1	36.1	38.9	42.9	45.5	46.5	47.8	48.2	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
6000	17.1	23.8	30.6	36.5	39.3	43.4	46.0	47.0	48.2	48.7	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
5000	17.9	24.7	31.7	36.3	41.2	45.3	48.1	49.1	50.6	51.0	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
4000	18.9	25.8	33.0	39.8	42.8	47.2	50.0	51.0	52.5	53.0	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
3000	22.4	30.3	38.9	46.5	50.0	55.1	58.1	59.2	60.7	61.3	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
2000	25.5	34.3	44.2	52.6	56.3	62.0	65.4	66.9	68.3	69.0	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1000	27.4	36.6	47.1	56.7	60.7	66.7	70.2	71.7	73.4	74.0	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
500	29.8	39.6	50.6	60.8	64.9	71.7	75.3	76.7	78.3	79.3	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
0	31.0	41.2	52.8	63.3	67.5	74.3	78.1	79.7	81.7	82.5	82.7	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
9000	32.9	43.4	55.5	66.5	70.9	78.0	81.9	83.5	85.5	86.4	86.5	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
8000	34.8	45.3	57.5	69.0	73.6	80.7	84.6	86.2	88.2	89.1	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
7000	35.2	45.8	58.3	70.1	75.2	82.5	86.5	88.1	90.2	91.1	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
6000	36.3	47.3	60.3	72.4	77.5	85.1	89.1	90.7	92.8	93.7	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
5000	36.7	47.9	61.3	73.8	79.1	86.6	90.8	92.5	94.7	95.6	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
4000	36.9	48.0	61.5	73.9	79.2	86.9	91.1	92.8	95.1	96.0	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
3000	37.0	48.1	61.6	74.0	79.4	87.2	91.6	93.3	95.5	96.6	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.1	97.1	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
500	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
9000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
8000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
7000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
6000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
5000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
4000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
3000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

890

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34C6P

SAARLUFEN GERMANY/OWLEMAN AFB

60-70

006

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
1000	20.6	26.0	31.2	34.6	35.9	38.2	38.8	39.0	41.2	40.6	40.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
900	23.3	29.0	36.4	40.1	41.1	43.6	44.2	44.4	45.9	46.4	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
800	23.4	29.7	36.5	40.2	41.1	43.7	44.3	44.6	46.1	46.5	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
700	23.5	29.8	36.6	40.3	41.2	43.8	44.4	44.7	46.2	46.6	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
600	23.7	30.0	36.9	40.6	41.6	44.1	44.8	45.0	46.5	46.9	47.0	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
500	24.9	31.4	38.5	42.2	43.2	45.9	46.6	46.8	48.3	48.7	48.8	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
400	25.9	32.7	40.3	44.1	45.1	48.3	49.0	49.3	50.7	51.2	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
300	29.7	37.6	45.6	49.9	50.9	54.0	55.0	55.8	57.3	57.7	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
200	32.8	41.1	50.4	55.4	56.6	60.4	61.5	61.8	63.2	63.8	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
100	34.6	43.5	53.4	59.0	60.3	64.0	65.3	65.6	67.2	67.7	67.8	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
0	38.5	48.0	58.2	64.3	65.7	69.6	70.9	71.3	72.9	73.4	73.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1000	40.5	50.9	61.5	67.9	69.6	73.4	75.1	75.4	77.0	77.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
900	42.8	53.3	64.0	70.8	72.6	76.5	78.2	78.5	80.1	80.7	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
800	45.7	56.3	67.6	74.8	76.7	80.7	82.4	82.7	84.3	84.8	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
700	49.7	60.8	72.3	79.6	81.7	85.8	87.5	87.8	89.4	90.0	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
600	51.7	63.7	76.0	84.2	86.4	90.5	92.2	92.5	94.2	94.8	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
500	52.9	65.2	77.6	86.8	88.2	92.3	94.1	94.4	96.2	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400	53.5	65.8	78.2	86.8	89.1	93.2	95.0	95.3	97.0	97.6	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
300	53.6	65.9	78.4	87.3	89.6	93.9	95.7	96.0	97.9	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
200	53.6	65.9	78.5	87.4	89.7	94.0	95.8	96.2	98.0	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1000	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
900	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
300	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
200	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
100	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

935

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068 5400FE 309770/CLEENA AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1570-1700

32.9	41.4	43.4	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
39.9	41.6	43.2	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
39.9	41.6	43.2	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
41.2	42.0	43.5	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
41.8	42.6	44.2	44.3	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
43.1	44.9	46.5	46.6	46.6	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
45.2	47.1	48.5	48.6	48.6	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
51.1	53.3	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
58.0	60.8	62.7	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
62.4	65.1	67.3	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
67.5	70.7	73.2	73.7	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
71.3	74.6	77.4	78.0	78.1	78.1	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
75.5	79.8	82.8	83.4	83.6	83.7	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
82.7	86.4	89.9	90.6	90.7	90.8	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
93.9	92.4	94.1	94.8	94.9	95.0	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
86.5	91.3	95.1	95.9	96.3	96.5	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
87.4	92.2	96.1	96.9	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
87.4	92.2	96.3	97.0	97.5	97.8	98.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

362

DATA PROCESSING UNIT
USAF ETAC
AIR EATING SERVICE

CEILING VERSUS VISIBILITY

3406P SA. D. LEH. WERMA/COLE AF 69-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1670-2000

33.9	41.3	42.2	42.3	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
44.0	47.5	48.7	49.5	49.6	49.8	49.9	50.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
45.1	47.5	48.7	49.5	49.6	49.8	49.9	50.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
46.2	47.7	48.9	49.8	49.8	49.8	49.9	50.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
47.1	48.9	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
48.3	51.1	52.3	53.1	53.4	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
51.6	52.2	54.6	55.2	55.9	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
55.8	58.6	61.7	61.4	61.7	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
62.8	64.7	66.8	68.2	68.3	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
69.0	71.1	72.3	73.3	74.1	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
73.8	75.9	78.3	81.2	82.3	82.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
77.4	81.3	83.1	84.3	85.2	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
82.7	84.2	87.2	88.6	89.1	89.7	89.8	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
84.5	86.6	91.6	93.3	93.7	94.3	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
85.1	90.4	93.4	93.1	93.7	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
85.2	90.9	94.0	96.2	96.9	97.5	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
87.8	91.2	94.8	97.2	97.8	98.4	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
88.8	91.8	94.9	97.3	97.9	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
89.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
91.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
94.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

669

AD-A087 816

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SANDHOFEN GERMANY/COLEMAN AAF. REVISED UNIFORM SUMMARY OF SURFA--ETC (1)
FEB 72

UNCLASSIFIED

USAFETAC/DS-80/056

NL

34

A large grid area, mostly blacked out, occupying the central and lower portion of the page. The grid consists of approximately 15 columns and 15 rows. The top-left cell of the grid is white and contains the number '34' and a small black square mark. The rest of the grid cells are solid black.

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36068

SANDHOFEN GERMANY/COLEMAN AAF

60764

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING																
≥ 20000	12.6	15.7	20.5	26.0	27.6	31.5	32.3	32.3	34.6	35.4	35.4	35.4	35.4	35.4	35.4	36.2
IV 18000	14.2	17.3	24.4	30.7	33.1	37.8	38.6	38.6	40.9	41.7	41.7	41.7	41.7	41.7	41.7	42.5
IV 16000	14.2	17.3	24.4	30.7	33.1	37.8	38.6	38.6	40.9	41.7	41.7	41.7	41.7	41.7	41.7	42.5
IV 14000	14.2	17.3	24.4	30.7	33.1	37.8	38.6	38.6	40.9	41.7	41.7	41.7	41.7	41.7	41.7	42.5
IV 12000	14.2	17.3	25.2	31.5	33.9	38.6	39.4	39.4	41.7	42.5	42.5	42.5	42.5	42.5	42.5	43.3
IV 10000	15.0	18.1	26.0	32.3	34.6	39.4	40.2	40.2	42.5	43.3	43.3	43.3	43.3	43.3	43.3	44.1
IV 9000	15.0	18.1	26.8	33.1	35.4	40.2	40.9	40.9	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.9
IV 8000	18.9	22.0	30.7	37.8	40.9	46.5	48.0	48.0	51.2	52.0	52.8	52.8	52.8	52.8	52.8	53.5
IV 7000	21.3	24.4	33.9	40.9	44.1	49.6	51.2	51.2	55.1	55.9	56.7	56.7	56.7	56.7	56.7	57.4
IV 6000	24.4	28.3	37.8	46.5	50.4	55.9	58.3	58.3	62.2	63.0	63.8	63.8	63.8	63.8	63.8	64.6
IV 5000	28.3	33.1	42.5	52.0	55.9	61.4	63.8	63.8	67.7	68.5	69.3	69.3	69.3	69.3	69.3	70.1
IV 4500	30.7	35.4	46.5	56.7	60.6	66.1	69.3	69.3	73.2	74.0	74.8	74.8	74.8	74.8	74.8	75.6
IV 4000	31.5	37.8	49.6	60.6	64.6	70.9	74.0	74.0	78.0	78.7	79.5	79.5	79.5	79.5	79.5	80.3
IV 3500	32.3	39.4	51.2	62.2	67.7	74.0	78.0	78.0	81.9	83.5	84.3	84.3	84.3	84.3	84.3	85.0
IV 3000	33.9	41.7	54.3	66.1	71.7	78.0	81.9	81.9	86.6	88.2	89.0	89.0	89.0	89.0	89.0	89.8
IV 2500	34.6	43.3	55.9	68.5	74.8	81.1	85.0	85.0	89.8	91.3	92.1	92.1	92.1	92.1	92.1	93.7
IV 2000	35.4	44.1	56.7	69.3	75.6	81.9	85.8	85.8	90.6	92.1	92.9	92.9	92.9	92.9	92.9	94.5
IV 1800	35.4	44.1	56.7	69.3	75.6	82.7	86.6	86.6	91.3	92.9	93.7	93.7	93.7	93.7	93.7	95.3
IV 1500	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 1200	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 1000	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 900	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 800	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 700	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 600	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 500	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 400	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 300	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 200	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 100	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4
IV 0	35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.3	96.1	96.9	96.9	96.9	96.9	96.9	98.4

TOTAL NUMBER OF OBSERVATIONS 127

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34068
STATION

SANDHOEFEN GERMANY/COLEMAN AAF
STATION NAME

39-70
YEAR

AVG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3600=0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING		11.7	15.8	21.9	28.7	31.0	35.0	37.6	38.1	39.5	39.8	40.0	40.3	40.5	40.5	40.5
IV 20000		13.4	18.1	26.0	34.2	36.6	42.1	44.8	45.3	47.1	47.5	47.7	48.1	48.4	48.4	48.9
IV 18000		13.5	18.2	26.2	34.4	36.8	42.3	45.0	45.5	47.3	47.7	47.9	48.3	48.6	48.6	49.1
IV 16000		13.5	18.2	26.2	34.4	36.8	42.3	45.0	45.5	47.3	47.7	47.9	48.3	48.6	48.6	49.1
IV 14000		13.7	18.4	26.4	34.6	37.0	42.5	45.2	45.7	47.5	47.9	48.1	48.5	48.8	48.8	49.3
IV 12000		13.9	18.6	26.8	35.1	37.5	43.2	46.0	46.5	48.3	48.7	48.9	49.3	49.6	49.6	50.1
IV 10000		14.8	19.7	27.9	37.1	39.8	45.8	48.6	49.4	51.4	51.8	52.0	52.4	52.7	52.7	53.4
IV 9000		15.4	20.9	29.9	39.3	42.0	48.0	50.9	51.7	53.8	54.2	54.5	54.9	55.2	55.2	55.9
IV 8000		18.3	24.3	34.1	44.5	47.4	53.6	56.9	57.8	60.4	61.1	61.4	61.9	62.3	62.3	63.0
IV 7000		21.1	27.4	37.6	48.9	52.3	58.8	62.7	63.6	66.5	67.2	67.5	68.0	68.4	68.4	69.2
IV 6000		23.1	30.1	40.9	52.5	56.1	62.7	67.1	68.2	71.3	72.1	72.5	73.0	73.4	73.4	74.1
IV 5000		25.3	32.9	44.0	56.7	60.7	68.0	73.0	74.1	77.4	78.2	78.6	79.1	79.5	79.5	80.2
IV 4500		26.5	34.9	46.2	59.0	63.1	70.6	75.5	76.6	79.9	80.7	81.1	81.7	82.1	82.1	82.5
IV 4000		27.9	37.1	48.7	62.2	66.5	74.1	79.1	80.3	83.8	84.8	85.2	85.7	86.1	86.1	86.5
IV 3500		28.9	38.5	50.3	64.0	68.5	76.4	81.5	82.7	86.1	87.3	87.7	88.2	88.6	88.6	89.3
IV 3000		30.0	40.2	52.5	66.7	71.4	79.3	84.5	85.7	89.3	90.5	90.9	91.4	91.9	91.9	92.7
IV 2500		30.7	41.2	53.9	68.4	73.4	81.5	86.6	87.8	91.5	92.8	93.2	93.8	94.3	94.3	95.1
IV 2000		31.3	41.9	54.8	69.5	74.5	82.8	88.0	89.2	93.1	94.6	95.1	95.6	96.1	96.1	96.9
IV 1800		31.3	41.9	54.8	69.5	74.7	83.0	88.4	89.6	93.6	95.1	95.6	96.1	96.6	96.6	97.4
IV 1600		31.3	42.0	55.1	69.8	75.0	83.4	88.9	90.1	94.2	95.7	96.2	96.7	97.2	97.2	98.0
IV 1400		31.3	42.0	55.1	69.8	75.0	83.4	89.1	90.4	94.5	96.0	96.5	97.0	97.5	97.5	98.3
IV 1200		31.3	42.0	55.1	69.9	75.2	83.6	89.3	90.6	94.7	96.2	96.7	97.2	97.7	97.7	98.5
IV 1000		31.3	42.0	55.2	70.0	75.3	83.7	89.4	90.7	94.8	96.3	96.8	97.3	97.8	97.8	98.6
IV 900		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	94.9	96.4	96.9	97.4	97.9	97.9	98.7
IV 800		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	94.9	96.4	96.9	97.4	97.9	97.9	98.7
IV 700		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.0	98.0	98.8
IV 600		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.0	98.0	98.8
IV 500		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.1	98.1	98.9
IV 400		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.1	98.2	99.0
IV 300		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.2	98.3	99.3
IV 200		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.2	98.3	99.4
IV 100		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.2	98.3	99.7
IV 0		31.3	42.0	55.3	70.1	75.4	83.8	89.5	90.8	95.0	96.5	97.0	97.5	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24000
STATION

SA DROFEN GERMANY/COLEMAN AAF
STATION NAME

59-70
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		19.8	24.0	31.4	35.0	36.9	39.1	40.6	41.2	41.7	41.8	41.9	42.1	42.2	42.2	42.2
≥ 20000		23.0	28.1	36.5	41.0	43.1	46.0	47.8	48.7	49.5	49.8	49.9	50.3	50.5	50.5	50.5
≥ 18000		23.0	28.1	36.6	41.1	43.2	46.1	47.9	48.8	49.6	49.9	50.0	50.4	50.6	50.6	50.6
IV 16000		23.0	28.1	36.7	41.2	43.3	46.2	48.0	48.9	49.7	50.0	50.1	50.5	50.7	50.7	50.7
≥ 14000		23.1	28.3	36.9	41.4	43.5	46.4	48.3	49.1	50.0	50.3	50.4	50.8	51.0	51.0	51.0
IV 12000		23.8	29.0	37.6	42.2	44.3	47.2	49.1	50.0	50.9	51.1	51.1	51.6	51.8	51.8	51.8
≥ 10000		25.2	30.7	39.3	44.0	46.2	49.2	51.2	52.1	53.0	53.3	53.4	53.8	54.0	54.0	54.0
IV 9000		26.2	32.0	41.0	45.9	48.1	51.1	53.1	54.0	55.0	55.2	55.3	55.7	55.9	55.9	55.9
≥ 8000		29.9	36.4	43.8	51.4	54.0	57.1	59.7	60.6	61.5	61.9	62.0	62.6	62.8	62.8	62.8
IV 7000		32.3	39.5	49.4	55.4	58.1	61.6	64.9	65.7	66.7	67.0	67.1	67.7	67.9	67.9	67.9
≥ 6000		33.8	41.7	52.1	58.4	61.0	64.9	68.1	69.0	69.9	70.3	70.4	71.0	71.1	71.1	71.1
IV 5000		36.0	44.3	55.0	61.5	64.3	68.4	71.7	72.6	73.7	74.3	74.4	75.0	75.1	75.1	75.1
≥ 4500		37.5	46.1	57.2	63.9	66.7	70.8	74.1	75.0	76.2	76.9	77.0	77.5	77.7	77.7	77.7
IV 4000		40.2	49.3	60.9	68.3	71.0	75.3	79.0	79.8	81.0	81.7	81.8	82.4	82.6	82.6	82.6
≥ 3500		43.0	52.3	63.9	71.4	74.2	78.7	82.2	83.0	84.3	85.0	85.0	85.6	85.8	85.8	85.8
IV 3000		45.4	55.0	67.5	75.3	78.4	83.0	86.7	87.5	89.0	89.6	89.7	90.2	90.3	90.3	90.3
≥ 2500		47.1	57.2	70.4	78.6	81.9	86.7	90.4	91.2	92.7	93.3	93.6	94.2	94.4	94.4	94.4
IV 2000		47.7	58.1	71.3	79.6	83.0	87.8	91.5	92.4	93.8	94.7	94.8	95.3	95.5	95.5	95.5
≥ 1800		47.8	58.3	71.5	79.8	83.2	88.0	91.8	92.7	94.1	95.0	95.0	95.6	95.8	95.8	95.8
IV 1500		48.0	58.6	71.9	80.4	83.8	88.6	92.4	93.3	94.8	95.7	95.9	96.5	96.7	96.7	96.7
≥ 1200		48.0	58.7	72.2	81.0	84.5	89.4	93.2	94.4	95.9	97.0	97.1	97.7	97.9	97.9	97.9
IV 1000		48.1	58.8	72.4	81.2	84.8	89.9	93.7	94.9	96.5	97.5	97.7	98.3	98.5	98.5	98.6
≥ 900		48.1	58.8	72.4	81.3	84.9	90.0	93.8	95.0	96.7	97.7	97.9	98.5	98.7	98.7	98.8
IV 800		48.2	58.9	72.5	81.6	85.1	90.3	94.2	95.3	97.0	98.1	98.3	98.9	99.0	99.0	99.1
≥ 700		48.2	58.9	72.5	81.6	85.1	90.3	94.4	95.5	97.2	98.3	98.5	99.0	99.2	99.2	99.3
IV 600		48.2	58.9	72.5	81.6	85.1	90.3	94.4	95.5	97.2	98.3	98.5	99.0	99.2	99.2	99.3
≥ 500		48.2	58.9	72.5	81.6	85.1	90.3	94.5	95.6	97.3	98.4	98.6	99.2	99.3	99.3	99.6
IV 400		48.2	58.9	72.5	81.6	85.1	90.3	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.7	99.8
≥ 300		48.2	58.9	72.5	81.6	85.1	90.3	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.7	99.8
IV 200		48.2	58.9	72.5	81.6	85.1	90.3	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.7	99.8
≥ 100		48.2	58.9	72.5	81.6	85.1	90.3	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.7	99.8
IV 0		48.2	58.9	72.5	81.6	85.1	90.3	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1030

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068
STATION

SANDHOEFEN GERMANY/COLEMAN AAF
STATION NAME

59-70
YEARS

ALG
AGENCY

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	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING																
≥ 20000		24.7	27.2	30.5	32.2	32.7	33.1	33.3	33.5	33.6	33.7	33.7	33.8	33.9	33.9	33.9
18000		32.3	36.0	40.3	42.2	42.7	43.4	43.7	43.9	44.2	44.3	44.3	44.4	44.5	44.5	44.5
16000		32.6	36.3	40.5	42.5	43.0	43.7	44.0	44.2	44.4	44.6	44.6	44.7	44.8	44.8	44.8
14000		32.6	36.3	40.5	42.5	43.0	43.7	44.0	44.2	44.4	44.6	44.6	44.7	44.8	44.8	44.8
12000		33.7	37.6	41.9	43.9	44.3	45.0	45.3	45.5	45.8	46.0	46.0	46.1	46.2	46.2	46.2
10000		35.8	39.7	44.1	46.2	46.7	47.4	47.7	47.9	48.2	48.5	48.5	48.6	48.7	48.7	48.7
9000		36.9	41.1	45.8	48.0	48.5	49.2	49.6	49.8	50.3	50.6	50.6	50.7	50.8	50.8	50.8
8000		42.3	47.2	52.3	54.5	55.2	55.9	56.4	56.6	57.3	57.6	57.6	57.8	57.9	57.9	57.9
7000		46.3	51.4	56.7	59.0	59.7	60.6	61.3	61.5	62.2	62.6	62.6	62.8	62.9	62.9	62.9
6000		48.8	54.1	59.6	62.0	62.9	63.7	64.4	64.6	65.3	65.7	65.7	65.9	66.0	66.0	66.0
5000		51.9	57.7	63.2	65.6	66.5	67.3	68.0	68.2	68.9	69.3	69.3	69.5	69.6	69.6	69.6
4500		53.1	61.2	67.3	69.7	70.6	71.4	72.1	72.3	73.0	73.4	73.4	73.6	73.7	73.7	73.7
4000		59.7	66.0	72.3	74.9	75.7	76.6	77.4	77.6	78.3	78.9	78.9	79.1	79.2	79.2	79.2
3500		64.8	71.7	78.8	81.6	82.5	83.4	84.2	84.4	85.3	85.8	85.8	86.0	86.1	86.1	86.1
3000		69.6	76.6	84.0	86.7	87.6	88.6	89.4	89.6	90.4	90.9	90.9	91.1	91.2	91.2	91.2
2500		72.5	80.1	88.9	92.3	93.2	94.4	95.4	95.6	96.7	97.2	97.2	97.4	97.5	97.5	97.5
2000		72.7	80.4	89.3	92.7	93.7	94.9	95.9	96.1	97.2	97.7	97.7	97.9	98.0	98.0	98.0
1800		72.9	80.6	89.6	93.0	94.0	95.2	96.2	96.4	97.5	98.0	98.0	98.1	98.2	98.2	98.2
1500		72.9	80.8	89.9	93.6	94.5	95.8	96.8	97.0	98.1	98.5	98.6	98.8	98.9	98.9	98.9
1200		73.0	80.9	90.1	93.9	94.8	96.2	97.3	97.5	98.6	99.1	99.3	99.5	99.6	99.6	99.6
1000		73.1	81.0	90.3	94.1	95.0	96.4	97.5	97.7	98.8	99.3	99.5	99.7	99.8	99.8	99.8
900		73.1	81.0	90.3	94.1	95.0	96.4	97.5	97.7	98.8	99.3	99.5	99.7	99.8	99.8	99.8
800		73.1	81.0	90.3	94.1	95.0	96.4	97.5	97.7	98.8	99.3	99.5	99.7	99.8	99.8	99.8
700		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
600		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
500		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
400		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
300		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
200		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
100		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0
0		73.1	81.0	90.3	94.2	95.1	96.6	97.7	97.9	99.0	99.5	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1026

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068
STATION

SANDHURST GERMANY/COLEMAN AAF
STATION NAME

59-70
YEAR

ANG
AGENCY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5	
NO CEILING		31.0	32.5	33.6	34.2	34.3	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
IV 20000		41.0	43.4	45.0	45.6	45.7	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 18000		41.0	43.4	45.0	45.6	45.7	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 16000		41.2	43.6	45.2	45.8	45.9	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 14000		41.6	44.0	45.6	46.2	46.3	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 12000		42.9	45.2	46.8	47.4	47.5	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 10000		46.0	48.3	50.3	50.9	51.0	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 9000		48.7	51.2	53.4	54.0	54.1	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 8000		54.4	57.2	59.7	60.4	60.5	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000		59.1	62.2	64.9	65.8	65.9	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000		63.1	66.5	69.4	70.3	70.5	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 5000		67.1	71.0	74.3	75.3	75.5	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 4500		72.4	76.7	80.0	81.1	81.3	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000		76.7	81.0	84.5	85.7	85.9	86.5	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500		81.3	85.9	90.3	91.7	92.0	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000		83.6	88.3	93.1	94.5	94.8	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2500		84.9	90.1	95.3	97.2	97.5	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000		84.9	90.2	95.5	97.5	97.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1800		85.1	90.4	95.7	97.7	98.0	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500		85.2	90.5	95.8	97.8	98.1	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200		85.2	90.5	95.9	97.9	98.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000		85.2	90.5	95.9	97.9	98.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		85.2	90.6	96.0	98.0	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 987

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068
STATION

SANDHORN GERMANY/COLEMAN AAF
STATION NAME

60-70
YEARS

ALG

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	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING		35.5	37.2	38.6	39.2	39.4	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000		44.6	46.9	48.9	49.6	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 18000		44.6	46.9	48.9	49.6	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 16000		44.6	46.9	48.9	49.6	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 14000		44.6	46.9	48.9	49.6	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 12000		46.0	48.2	50.3	50.9	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 10000		50.1	52.6	54.7	55.5	55.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 9000		51.9	54.3	56.5	57.4	57.5	57.5	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000		59.3	62.5	64.9	66.4	66.5	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 7000		65.7	69.2	71.9	73.4	73.5	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000		69.5	73.3	76.2	77.8	78.0	78.2	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000		74.9	78.9	82.3	84.0	84.1	84.7	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500		80.4	84.5	88.3	90.1	90.5	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000		81.7	86.0	90.5	92.5	92.9	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3500		83.2	87.5	91.9	94.0	94.4	95.0	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 3000		84.6	88.7	93.1	95.3	95.7	96.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2500		85.2	89.5	94.5	96.9	97.4	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000		85.2	89.5	94.6	97.0	97.6	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800		85.3	89.7	94.8	97.3	97.8	98.5	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500		85.3	89.7	94.8	97.3	97.8	98.5	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200		85.3	89.7	94.8	97.3	97.8	98.5	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000		85.3	89.7	94.8	97.3	97.8	98.5	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		85.3	89.8	94.9	97.4	98.0	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SA LIEFEN GERMANY/COLEMAN AAF

6066

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0	≥0	≥0	≥0	≥0
NO REPORT	14.0	18.4	25.4	28.1	29.8	38.0	41.2	41.2	44.7	45.6	46.5	47.4	51.8	51.6	55.3
IV 10000	14.9	20.2	27.2	29.8	31.6	41.2	43.9	43.9	47.4	48.2	49.1	50.0	55.3	55.3	58.8
IV 8000	14.9	20.2	27.2	29.8	31.6	41.2	43.9	43.9	47.4	48.2	49.1	50.0	55.3	55.3	58.8
IV 6000	14.9	20.2	27.2	29.8	31.6	41.2	43.9	43.9	47.4	48.2	49.1	50.0	55.3	55.3	58.8
IV 4000	14.9	20.2	27.2	29.8	31.6	41.2	43.9	43.9	47.4	48.2	49.1	50.0	55.3	55.3	58.8
IV 3000	15.8	21.1	28.1	30.7	32.5	42.1	44.7	44.7	48.2	49.1	50.0	50.9	56.1	56.1	59.6
IV 2000	15.8	21.1	28.1	31.6	34.2	43.9	46.5	46.5	50.0	50.9	51.8	52.6	57.9	57.9	61.4
IV 1500	16.7	21.9	28.9	33.3	36.0	48.6	48.2	48.2	51.8	52.6	53.5	54.4	59.6	59.6	63.2
IV 1000	18.4	23.7	31.6	36.8	39.3	50.0	52.6	52.6	56.1	57.0	57.9	58.8	64.0	64.0	67.5
IV 800	18.4	23.7	34.2	41.2	43.9	55.3	58.8	58.8	62.3	62.3	64.0	64.9	70.2	70.2	73.7
IV 600	19.3	27.2	38.6	43.6	48.2	59.6	64.0	64.0	67.5	68.4	69.3	70.2	75.4	75.4	78.9
IV 5000	19.3	28.1	40.4	47.4	50.0	61.4	65.8	65.8	69.3	70.2	71.1	71.9	77.2	77.2	81.6
IV 4500	19.3	28.1	40.4	47.4	50.0	62.3	66.7	66.7	70.2	71.1	71.9	72.8	78.1	78.1	82.5
IV 4000	19.3	28.1	40.4	47.4	50.0	62.3	67.5	67.5	71.1	71.9	72.8	73.7	78.9	78.9	83.3
IV 3500	19.3	28.1	40.4	48.2	50.9	64.0	69.3	69.3	72.8	73.7	74.6	75.4	80.7	80.7	85.1
IV 3000	19.3	28.1	40.4	48.2	50.9	64.0	71.9	71.9	76.3	77.2	78.1	78.9	84.2	84.2	88.6
IV 2500	19.3	28.9	41.2	50.0	52.6	67.5	73.7	73.7	78.1	78.9	79.8	80.7	86.0	86.0	90.4
IV 2000	19.3	28.9	42.1	51.8	54.4	69.3	75.4	75.4	79.8	80.7	81.6	82.5	87.7	87.7	92.1
IV 1800	19.3	28.9	42.1	51.8	54.4	69.3	75.4	75.4	79.8	80.7	81.6	82.5	87.7	87.7	92.1
IV 1500	19.3	28.9	42.1	51.8	54.4	70.2	76.3	76.3	80.7	81.6	82.5	83.3	88.6	88.6	93.0
IV 1200	19.3	28.9	42.1	51.8	54.4	71.1	78.1	78.1	82.5	84.2	85.1	86.0	91.2	91.2	95.6
IV 1000	19.3	28.9	42.1	51.8	54.4	71.1	78.1	78.1	82.5	84.2	85.1	86.0	91.2	91.2	95.6
IV 900	19.3	28.9	42.1	51.8	54.4	71.1	78.1	78.1	82.5	84.2	85.1	86.0	91.2	91.2	95.6
IV 800	19.3	28.9	42.1	51.8	54.4	71.1	78.1	78.1	82.5	84.2	85.1	86.0	91.2	91.2	95.6
IV 700	19.3	28.9	42.1	51.8	54.4	71.1	78.1	78.1	82.5	84.2	85.1	86.0	91.2	91.2	95.6
IV 600	19.3	28.9	42.1	51.8	54.4	71.1	78.1	78.1	82.5	84.2	85.1	86.0	91.2	91.2	95.6
IV 500	19.3	28.9	42.1	51.8	54.4	71.1	78.9	78.9	83.3	85.1	86.0	86.8	92.1	92.1	96.5
IV 400	19.3	28.9	42.1	51.8	54.4	71.1	78.9	78.9	83.3	85.1	86.0	86.8	93.0	93.0	97.4
IV 300	19.3	28.9	42.1	51.8	54.4	71.1	78.9	78.9	83.3	85.1	86.0	86.8	93.0	93.0	97.4
IV 200	19.3	28.9	42.1	51.8	54.4	71.1	78.9	78.9	83.3	85.1	86.0	86.8	93.0	93.0	97.4
IV 100	19.3	28.9	42.1	51.8	54.4	71.1	78.9	78.9	83.3	85.1	86.0	86.8	93.0	93.0	97.4
IV 0	19.3	28.9	42.1	51.8	54.4	71.1	78.9	78.9	83.3	85.1	86.0	86.8	93.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 114

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068
STATION

SANDHUFEN GERMANY/CELEMAN AAF
STATION NAME

59-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING		10.7	13.9	16.9	21.4	22.4	26.9	30.0	30.9	34.7	36.4	37.7	37.7	38.9	39.2	45.7
≥ 20000		11.0	14.7	18.2	23.6	24.8	29.8	33.2	34.2	38.3	40.3	40.8	42.0	43.4	43.7	50.8
≥ 18000		11.0	14.7	18.2	23.6	24.8	29.8	33.2	34.2	38.3	40.3	40.8	42.0	43.4	43.7	50.8
≥ 16000		11.0	14.7	18.2	23.6	24.8	29.8	33.2	34.2	38.3	40.3	40.8	42.0	43.4	43.7	50.8
≥ 14000		11.0	14.7	18.2	23.6	24.8	29.8	33.2	34.2	38.3	40.3	40.8	42.0	43.4	43.7	50.8
≥ 12000		11.0	14.7	18.2	23.6	25.1	30.1	33.5	34.5	38.6	40.6	41.3	42.4	43.8	44.2	51.2
≥ 10000		12.5	16.5	20.3	26.0	27.7	32.7	37.0	37.9	42.2	44.3	44.9	46.1	47.5	47.8	54.9
≥ 9000		13.3	17.6	21.3	27.9	29.5	34.5	38.8	39.9	44.5	46.5	47.2	48.3	49.8	50.2	57.2
≥ 8000		14.3	19.1	23.2	30.2	31.9	37.7	42.3	43.4	48.6	50.6	51.2	52.4	53.9	54.2	61.3
≥ 7000		13.6	20.7	25.5	33.0	34.8	41.3	46.4	47.5	53.3	55.3	56.1	57.2	58.7	59.1	66.1
≥ 6000		16.6	21.8	27.2	35.7	38.0	45.1	50.7	51.9	58.0	60.0	60.8	62.0	63.6	63.9	71.3
≥ 5000		18.2	23.6	29.9	39.1	41.6	48.8	54.9	56.1	62.4	64.4	65.2	66.3	68.1	68.4	75.9
≥ 4500		19.1	24.8	31.3	40.8	43.4	51.1	57.6	58.7	65.1	67.1	67.8	69.0	70.7	71.1	78.7
≥ 4000		20.2	26.2	32.9	42.8	45.3	53.7	60.1	61.3	67.6	69.7	70.4	71.6	73.3	73.6	81.2
≥ 3500		20.5	26.5	33.4	43.4	46.1	54.8	61.3	62.5	68.9	71.0	71.7	72.9	74.6	74.9	82.7
≥ 3000		20.8	26.9	34.2	44.5	47.6	56.6	63.3	64.5	71.4	73.4	74.3	75.6	77.3	77.6	85.5
≥ 2500		21.4	28.2	36.3	47.2	50.5	60.0	66.8	68.1	75.0	77.4	78.3	79.7	81.5	81.8	89.7
≥ 2000		21.7	28.4	36.7	47.7	51.1	60.9	67.6	69.0	76.3	78.9	79.8	81.2	83.1	83.4	91.3
≥ 1800		21.7	28.4	36.7	47.7	51.1	61.0	67.7	69.1	76.5	79.1	80.1	81.5	83.3	83.6	91.5
≥ 1500		21.8	28.5	36.8	47.8	51.2	61.2	68.5	70.0	77.8	80.4	81.5	82.9	84.7	85.0	92.9
≥ 1200		21.8	28.5	36.8	48.1	51.7	61.7	69.3	70.8	78.7	81.4	82.4	83.8	85.7	86.1	94.1
≥ 1000		21.8	28.5	36.8	48.1	51.7	61.8	69.5	71.0	78.8	81.6	82.6	84.0	86.0	86.3	94.3
≥ 900		21.8	28.5	36.8	48.1	51.7	61.8	69.5	71.0	78.8	81.6	82.6	84.0	86.0	86.3	94.3
≥ 800		21.8	28.5	36.8	48.1	51.7	61.8	69.5	71.0	78.8	81.6	82.6	84.0	86.0	86.3	94.3
≥ 700		21.8	28.5	36.8	48.1	51.7	61.8	69.5	71.0	78.8	81.6	82.6	84.0	86.0	86.3	94.3
≥ 600		21.8	28.5	36.8	48.1	51.7	61.8	69.5	71.1	78.9	81.7	82.7	84.1	86.3	86.6	94.9
≥ 500		21.8	28.5	36.8	48.2	51.8	62.0	69.6	71.4	79.2	82.0	83.1	84.5	86.6	86.9	95.2
≥ 400		21.8	28.5	36.9	48.2	51.8	62.0	69.6	71.4	79.2	82.0	83.1	84.5	86.7	87.0	95.5
≥ 300		21.8	28.5	36.9	48.2	51.8	62.0	69.6	71.4	79.2	82.0	83.1	84.5	86.9	87.2	96.5
≥ 200		21.8	28.5	36.9	48.2	51.8	62.0	69.6	71.4	79.2	82.0	83.1	84.5	86.9	87.2	97.5
≥ 100		21.8	28.5	36.9	48.2	51.8	62.0	69.6	71.4	79.2	82.0	83.1	84.5	86.9	87.2	98.6
≥ 0		21.8	28.5	36.9	48.2	51.8	62.0	69.6	71.4	79.2	82.0	83.1	84.5	87.1	87.5	100.0

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC

FORM
 JUL 64

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34008

SAND WEFEN GERMANY/COLEMAN AAF

59-70

SEP

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	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING		16.9	21.0	26.1	30.8	33.6	36.5	39.2	39.5	41.8	42.6	42.9	43.5	44.1	44.3	44.9
IV 20000		19.0	23.4	29.8	35.5	38.9	42.2	45.1	45.5	48.0	49.0	49.4	50.2	50.9	51.1	51.8
IV 18000		19.0	23.4	30.1	35.7	39.1	42.4	45.3	45.7	48.2	49.2	49.6	50.4	51.1	51.3	52.0
IV 16000		19.0	23.4	30.1	35.7	39.1	42.4	45.3	45.8	48.3	49.3	49.7	50.5	51.2	51.4	52.1
IV 14000		19.0	23.4	30.1	35.7	39.1	42.4	45.3	45.8	48.3	49.3	49.7	50.5	51.2	51.4	52.1
IV 12000		19.2	23.6	30.4	36.1	39.5	42.8	45.7	46.2	48.7	49.7	50.2	50.9	51.6	51.8	52.5
IV 10000		20.1	24.6	32.2	38.1	41.8	45.2	48.2	48.7	51.3	52.3	52.7	53.4	54.1	54.3	55.0
IV 9000		20.9	25.6	33.3	39.7	43.4	47.0	50.1	50.6	53.1	54.2	54.7	55.4	56.1	56.3	57.0
IV 8000		22.5	27.5	35.9	42.8	46.8	50.9	54.3	54.8	57.4	58.6	59.2	60.0	60.7	60.9	61.6
IV 7000		23.0	30.5	40.5	48.3	52.7	56.8	60.5	61.1	63.7	65.0	65.7	66.6	67.3	67.5	68.2
IV 6000		25.6	31.1	41.4	49.6	54.3	58.8	62.6	63.2	65.8	67.2	68.0	68.9	69.6	69.8	70.7
IV 5000		27.4	33.3	44.4	53.2	58.1	62.6	66.8	67.7	70.7	72.1	73.0	73.9	74.6	74.8	75.6
IV 4500		28.2	34.2	46.4	55.5	60.4	65.3	69.3	70.3	73.2	74.6	75.6	76.5	77.2	77.4	78.2
IV 4000		28.8	35.3	47.6	57.0	61.9	66.9	71.3	72.2	75.2	76.6	77.6	78.5	79.2	79.4	80.2
IV 3500		30.8	37.2	49.7	59.4	64.3	69.4	73.8	74.7	77.7	79.1	80.1	81.0	81.7	81.9	82.7
IV 3000		32.7	39.4	52.7	62.8	67.7	72.0	77.4	78.6	82.0	83.4	84.4	85.3	86.1	86.3	87.1
IV 2500		33.2	40.2	54.1	64.3	69.3	74.8	79.7	81.1	84.9	86.7	87.7	88.6	89.4	89.6	90.5
IV 2000		33.9	40.9	54.9	65.2	70.4	75.9	81.1	82.6	86.6	88.4	89.4	90.4	91.2	91.4	92.2
IV 1800		34.1	41.2	55.3	65.7	70.8	76.4	81.6	83.1	87.1	88.9	89.9	90.9	91.7	91.9	92.7
IV 1500		34.2	41.4	55.6	66.0	71.2	77.0	82.4	83.9	87.9	89.8	91.1	92.0	92.8	93.0	93.8
IV 1200		34.4	41.6	56.2	66.6	72.0	77.8	83.4	85.0	89.0	91.0	92.2	93.1	93.9	94.1	94.9
IV 1000		34.4	41.6	56.3	66.9	72.4	78.2	84.0	85.6	89.9	91.9	93.1	94.1	94.9	95.1	95.9
IV 900		34.4	41.6	56.3	66.9	72.4	78.2	84.1	85.7	90.1	92.0	93.2	94.2	95.0	95.2	96.0
IV 800		34.4	41.6	56.3	66.9	72.4	78.2	84.4	86.0	90.5	92.4	93.6	94.6	95.4	95.6	96.4
IV 700		34.4	41.6	56.3	66.9	72.4	78.4	84.5	86.2	90.9	92.8	94.0	95.0	95.8	96.0	96.8
IV 600		34.4	41.6	56.3	66.9	72.5	78.5	84.6	86.3	91.1	93.2	94.4	95.4	96.2	96.5	97.3
IV 500		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.4	91.2	93.3	94.5	95.5	96.3	96.7	97.5
IV 400		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.4	91.3	93.4	94.6	95.7	96.7	96.9	97.9
IV 300		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.4	91.3	93.4	94.6	95.8	97.1	97.3	98.8
IV 200		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.4	91.3	93.4	94.7	95.9	97.2	97.4	99.5
IV 100		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.4	91.3	93.4	94.7	95.9	97.2	97.4	99.8
IV 0		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.4	91.3	93.4	94.7	95.9	97.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 995

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SAINDORFEN GERMANY/COLEMAN AAF

59-72

SFP

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	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	0
NO CEILING	25.9	29.8	34.8	37.6	39.1	40.6	41.5	42.0	43.0	43.5	43.9	44.1	44.2	44.2	44.4	
IV 4000	30.8	35.5	41.5	44.6	46.3	47.9	49.2	49.7	50.8	51.3	51.8	52.0	52.2	52.2	52.4	
IV 3600	30.8	35.5	41.5	44.6	46.3	47.9	49.2	49.7	50.8	51.3	51.8	52.0	52.2	52.2	52.4	
IV 3200	31.0	35.8	41.9	45.1	46.7	48.4	49.6	50.1	51.2	51.8	52.2	52.4	52.6	52.6	52.8	
IV 2800	31.0	35.9	42.2	45.4	47.0	48.7	49.9	50.4	51.5	52.1	52.6	52.8	53.1	53.1	53.3	
IV 2400	32.4	37.5	44.3	47.6	49.4	51.0	52.3	52.8	54.0	54.5	55.1	55.3	55.6	55.6	55.8	
IV 2000	34.6	40.0	47.7	51.1	52.9	54.5	55.8	56.3	57.7	58.2	58.8	59.1	59.4	59.4	59.6	
IV 1600	37.8	43.8	52.2	55.8	57.6	59.4	60.8	61.3	62.8	63.4	63.9	64.2	64.5	64.5	64.7	
IV 1200	40.3	46.5	55.9	59.7	61.5	63.2	64.8	65.4	66.9	67.5	68.0	68.6	69.0	69.0	69.2	
IV 800	43.3	49.6	59.1	63.2	65.1	66.8	68.4	68.9	70.4	71.0	71.5	72.1	72.5	72.5	72.7	
IV 400	45.5	51.9	61.6	66.0	67.8	69.6	71.1	71.6	73.3	73.9	74.4	74.9	75.4	75.4	75.6	
IV 0	48.1	54.5	64.5	69.0	70.8	72.6	74.1	74.6	76.3	76.9	77.4	77.9	78.4	78.4	78.6	
IV 3500	51.1	57.8	68.1	72.9	74.7	76.5	78.1	78.7	80.4	81.0	81.5	82.1	82.5	82.5	82.7	
IV 3100	55.9	62.9	73.8	78.8	80.7	82.5	84.1	84.6	86.4	87.0	87.5	88.0	88.5	88.5	88.7	
IV 2700	57.7	64.9	76.6	82.1	84.0	86.2	87.9	88.5	90.3	90.9	91.4	92.0	92.4	92.4	92.6	
IV 2300	59.0	66.5	78.5	84.4	86.5	89.0	90.7	91.2	93.2	93.8	94.4	94.9	95.4	95.4	95.6	
IV 1900	59.2	66.8	78.8	84.8	86.9	89.6	91.5	92.1	94.1	94.8	95.5	96.0	96.4	96.4	96.6	
IV 1500	59.3	66.9	79.0	85.1	87.1	90.1	92.1	92.6	94.6	95.4	96.0	96.5	96.9	96.9	97.1	
IV 1100	59.3	66.9	79.0	85.4	87.5	90.5	92.5	93.1	95.3	96.1	96.9	97.4	97.8	97.8	98.0	
IV 700	59.3	67.2	79.4	86.1	88.4	91.4	93.4	94.0	96.2	97.0	97.9	98.4	98.8	98.8	99.0	
IV 300	59.3	67.3	79.6	86.3	88.6	91.8	93.8	94.4	96.6	97.5	98.4	98.9	99.3	99.3	99.5	
IV 0	59.3	67.3	79.6	86.3	88.6	91.8	93.8	94.4	96.7	97.6	98.6	99.1	99.5	99.5	99.7	
IV 3500	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	96.8	97.7	98.7	99.2	99.6	99.6	99.8	
IV 3100	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	96.8	97.7	98.7	99.2	99.6	99.6	99.8	
IV 2700	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 2300	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 1900	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 1500	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 1100	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 700	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 300	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	
IV 0	59.3	67.3	79.6	86.3	88.7	91.9	93.9	94.5	97.0	97.9	98.9	99.4	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 970

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SAFELDERF GERMAN Y/COLEMAN AAF

59-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATISTICS															
	20	25	30	34	39	45	50	55	60	65	70	75	80	85	90	95
1000	35.7	41.1	45.0	46.1	46.4	47.4	47.9	48.1	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4
900	42.3	47.3	51.7	53.4	53.8	55.1	55.8	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3
800	42.3	47.3	51.7	53.4	53.8	55.1	55.8	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3
700	42.5	47.6	52.1	53.7	54.1	55.4	56.2	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6
600	43.0	48.5	52.9	54.5	55.0	56.3	57.0	57.1	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5
500	45.8	51.4	56.1	57.7	58.1	59.4	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6
400	48.1	54.1	59.0	60.7	61.3	62.7	63.5	63.6	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0
300	52.1	58.4	63.7	65.0	66.1	67.3	68.5	68.6	68.6	68.8	68.9	68.9	68.9	69.4	69.4	69.4
200	54.7	61.4	67.0	69.2	69.9	71.4	72.4	72.5	72.5	72.7	72.8	72.8	72.8	73.3	73.3	73.3
100	58.4	65.7	71.5	73.9	74.7	76.2	77.2	77.3	77.3	77.5	77.6	77.6	77.6	78.0	78.0	78.0
0	61.5	68.8	74.9	77.3	78.1	79.7	80.7	80.8	80.8	81.1	81.2	81.2	81.2	81.6	81.6	81.6
1000	65.5	72.9	79.3	81.7	82.7	84.2	85.3	85.4	85.4	85.6	85.7	85.7	85.7	86.1	86.1	86.1
900	67.4	74.9	81.6	84.2	85.2	86.7	87.8	87.9	87.9	88.1	88.2	88.2	88.2	88.6	88.6	88.6
800	70.7	78.5	85.6	88.2	89.2	90.7	91.9	91.9	91.9	92.1	92.2	92.2	92.2	92.6	92.6	92.6
700	71.6	79.7	87.2	90.4	91.3	93.0	94.0	94.2	94.3	94.5	94.6	94.6	94.6	95.0	95.0	95.0
600	72.6	81.0	88.9	92.4	93.4	95.1	96.3	96.4	96.5	96.8	96.9	96.9	96.9	97.3	97.3	97.3
500	72.9	81.1	89.3	93.0	94.0	95.8	97.0	97.1	97.2	97.4	97.5	97.5	97.5	97.9	97.9	97.9
400	72.9	81.1	89.3	93.2	94.3	96.0	97.2	97.3	97.4	97.6	97.7	97.7	97.7	98.2	98.2	98.2
300	72.9	81.1	89.5	93.7	94.8	96.5	97.8	97.9	98.1	98.3	98.5	98.6	98.6	99.0	99.0	99.0
200	73.1	81.2	89.6	93.9	95.1	96.9	98.2	98.3	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4
100	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
0	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
1000	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
900	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
800	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
700	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
600	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
500	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
400	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
300	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
200	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
100	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8
0	73.1	81.2	89.6	94.0	95.3	97.1	98.4	98.6	98.7	98.9	99.2	99.4	99.5	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

924

USAFETAC

FORM
JUL 54

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SANDHOEFEN GERMANY/COLEMAN AFB

60-70

SF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	0	25	50	75	100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	700	800	900	1000	1200	1500	1800	2000	
IV 10000	34.1	43.2	45.3	49.5	49.7	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 8000	43.4	49.1	51.6	55.7	56.6	57.7	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 6000	43.6	49.3	51.7	55.8	56.7	57.8	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 4500	43.9	49.7	52.1	56.3	57.1	58.3	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 3000	44.2	50.0	52.4	56.6	57.4	58.5	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 1500	46.7	53.3	56.1	60.3	61.1	62.3	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 800	48.9	55.7	58.5	62.7	63.5	64.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	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 600	52.0	59.4	62.7	67.4	68.2	69.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 4500	54.3	62.1	65.8	70.5	71.4	72.6	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 3000	55.8	64.4	69.1	74.1	74.9	76.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1500	59.7	69.1	74.2	79.5	81.3	81.9	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 800	62.4	72.4	78.1	83.7	84.6	86.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 600	64.2	74.4	80.5	86.3	87.3	88.7	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	65.4	75.8	82.2	88.3	89.3	90.7	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	64.7	77.8	84.3	90.3	91.3	93.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1800	67.7	79.1	85.8	92.2	93.4	95.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	67.9	79.5	86.2	92.6	93.9	95.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	68.2	79.8	86.5	93.0	94.4	96.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

702

USAFETAC

FORM
JAN 64

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SANDOWEN GERMANY/COLEMAN AAF

69

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0
NO CEILING															
IV 4000															
IV 3000															
IV 2000															
IV 1400															
IV 1200															
IV 1000															
IV 900															
IV 800															
IV 700															
IV 600															
IV 500															
IV 400															
IV 300															
IV 200															
IV 100															
IV 0															

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34068

SA WUEFEN GERMANY/COLEMAN AAF

01664

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.15	≥0.1	
NO CEILING	6.2	9.3	16.5	19.6	22.7	28.9	29.9	29.9	33.0	35.1	36.1	39.2	39.2	39.2	41.2
IV 2000	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	38.1	39.2	42.3	42.3	42.3	44.3
IV 1800	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	38.1	39.2	42.3	42.3	42.3	44.3
IV 1600	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	38.1	39.2	42.3	42.3	42.3	44.3
IV 4000	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	38.1	39.2	42.3	42.3	42.3	44.3
IV 12000	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	38.1	39.2	42.3	42.3	42.3	44.3
IV 2000	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	39.2	40.2	43.3	43.3	43.3	45.4
IV 1700	6.2	9.3	16.5	20.6	24.7	30.9	33.0	33.0	36.1	39.2	40.2	43.3	43.3	43.3	45.4
IV 8000	8.2	11.3	18.6	22.7	26.8	34.0	35.1	36.1	39.2	42.3	43.3	46.4	46.4	46.4	48.5
IV 7000	8.2	11.3	18.6	22.7	27.8	35.1	37.1	37.1	40.2	44.3	45.4	48.5	48.5	48.5	50.5
IV 6000	9.3	12.4	21.6	25.6	29.9	38.1	40.2	40.2	44.3	48.5	49.5	52.6	52.6	52.6	54.6
IV 5000	11.3	15.5	25.8	29.9	34.0	43.3	46.4	46.4	50.5	54.6	55.7	58.8	58.8	58.8	60.9
IV 4500	12.4	16.5	27.8	33.0	37.1	46.4	49.5	49.5	53.6	57.7	58.8	61.9	61.9	61.9	63.9
IV 4100	14.4	18.6	30.9	36.1	40.2	49.5	52.6	52.6	56.7	60.8	61.9	64.9	64.9	64.9	67.0
IV 3500	14.4	18.6	32.0	37.1	41.2	50.5	53.6	53.6	58.8	62.9	63.9	67.0	67.0	67.0	69.1
IV 3000	16.5	21.6	35.1	40.2	44.3	53.6	56.7	56.7	62.9	67.0	68.0	71.1	71.1	71.1	73.2
IV 2500	18.6	24.7	40.2	45.4	49.5	58.8	62.9	62.9	69.1	73.2	74.2	77.3	77.3	77.3	79.4
IV 2000	18.6	24.7	41.2	48.5	52.6	61.9	66.0	66.0	72.2	76.3	77.3	80.4	80.4	80.4	82.5
IV 1800	18.6	24.7	41.2	48.5	52.6	61.9	67.0	67.0	73.2	77.3	78.4	81.4	81.4	81.4	83.5
IV 1500	18.6	24.7	41.2	48.5	52.6	61.9	67.0	67.0	73.2	77.3	78.4	81.4	81.4	81.4	83.5
IV 1200	18.6	24.7	41.2	48.5	52.6	61.9	67.0	67.0	73.2	77.3	78.4	81.4	81.4	81.4	83.5
IV 1000	18.6	24.7	41.2	48.5	52.6	61.9	69.1	69.1	75.3	79.4	80.4	83.5	83.5	83.5	85.6
IV 900	18.6	24.7	41.2	48.5	52.6	61.9	69.1	69.1	75.3	79.4	80.4	83.5	83.5	83.5	85.6
IV 800	18.6	24.7	42.3	49.5	54.6	63.9	71.1	71.1	77.3	81.4	82.5	85.6	85.6	85.6	87.6
IV 700	18.6	24.7	42.3	49.5	54.6	63.9	71.1	71.1	77.3	81.4	82.5	85.6	85.6	85.6	87.6
IV 600	18.6	24.7	42.3	49.5	54.6	63.9	71.1	71.1	77.3	81.4	82.5	85.6	85.6	85.6	87.6
IV 500	18.6	24.7	42.3	49.5	54.6	63.9	72.2	72.2	78.4	82.5	83.5	86.6	86.6	86.6	88.7
IV 400	18.6	24.7	42.3	49.5	54.6	63.9	72.2	72.2	78.4	82.5	83.5	86.6	86.6	86.6	88.7
IV 300	18.6	24.7	42.3	49.5	54.6	63.9	72.2	72.2	78.4	82.5	83.5	86.6	86.6	86.6	88.7
IV 200	18.6	24.7	42.3	49.5	54.6	63.9	72.2	72.2	78.4	82.5	83.5	86.6	86.6	86.6	88.7
IV 100	18.6	24.7	42.3	49.5	54.6	63.9	73.2	73.2	79.4	83.5	84.5	87.6	87.6	87.6	89.7
IV 0	18.6	24.7	42.3	49.5	54.6	63.9	73.2	73.2	80.4	84.5	85.6	88.7	88.7	88.7	90.8

TOTAL NUMBER OF OBSERVATIONS

97

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SA-DREFFEN GERMANY/CLEMAN AAF

39-70

LCI

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0900

CEILING FEET	VISIBILITY STATUTE MILES															
	20	24	25	24	23	22.5	22	21.5	21	20.5	20	19.5	19	18.5	18	20
NO CEILING	5.2	7.2	9.0	12.2	14.1	15.9	17.3	17.9	20.6	22.0	22.9	24.2	25.4	25.8	29.7	
IV 2000	5.9	8.0	10.4	14.9	17.1	19.5	21.5	22.3	25.6	27.3	29.3	29.7	31.4	32.0	36.5	
IV 1500	5.9	8.0	10.5	15.0	17.2	19.6	21.6	22.4	25.7	27.4	28.4	29.8	31.5	32.1	36.6	
IV 1000	5.9	8.0	10.5	15.0	17.2	19.6	21.6	22.4	25.7	27.4	28.4	29.8	31.5	32.1	36.6	
IV 700	5.9	8.0	10.5	15.0	17.2	19.6	21.6	22.4	25.7	27.4	28.4	29.8	31.5	32.1	36.6	
IV 500	5.9	8.0	10.5	15.0	17.2	19.6	21.6	22.4	25.7	27.4	28.4	29.8	31.5	32.1	36.6	
IV 400	5.9	8.0	10.5	15.0	17.2	19.6	21.6	22.4	25.7	27.4	28.4	29.8	31.5	32.1	36.6	
IV 300	6.0	8.3	10.8	15.4	17.7	20.3	22.4	23.2	26.7	28.3	29.4	30.7	32.4	33.0	37.7	
IV 200	6.1	9.0	11.7	16.4	18.6	21.5	23.8	24.6	28.2	30.0	31.0	32.4	34.1	34.7	39.4	
IV 150	6.9	9.8	13.1	18.1	20.4	23.6	26.0	26.9	30.7	32.7	33.8	35.1	36.8	37.4	42.4	
IV 100	5.4	11.5	15.2	20.5	23.1	26.7	29.1	30.0	34.0	35.9	37.0	38.3	40.0	40.6	45.6	
IV 75	9.4	12.8	17.1	23.0	25.7	29.7	32.2	33.1	37.3	39.6	40.6	42.0	43.6	44.3	49.3	
IV 50	10.5	14.5	19.4	25.5	28.2	32.6	35.6	36.6	40.7	43.4	44.6	45.9	47.7	48.3	53.3	
IV 25	11.5	15.7	20.9	27.2	30.0	34.6	37.8	38.8	43.0	45.8	47.0	48.3	50.1	50.7	55.7	
IV 15	12.8	17.3	23.1	29.9	32.7	37.7	40.9	41.9	46.3	49.2	50.3	51.7	53.5	54.2	59.2	
IV 10	13.8	19.1	25.6	32.9	35.9	41.3	44.5	45.4	50.0	53.2	54.4	55.7	57.6	58.2	63.2	
IV 7.5	15.2	20.9	28.0	35.5	38.5	44.4	47.9	48.9	53.4	56.9	58.0	59.4	61.3	61.9	66.9	
IV 5	16.4	22.6	30.9	39.6	43.1	49.6	53.6	54.6	59.3	63.6	64.9	66.7	68.5	69.2	74.2	
IV 3.5	16.9	23.6	32.6	41.7	45.4	52.4	56.7	57.6	62.7	67.0	68.3	70.1	72.0	72.6	77.6	
IV 2.5	17.1	23.9	33.0	42.1	45.8	52.8	57.2	58.2	63.3	67.7	69.1	70.8	72.7	73.3	78.3	
IV 1.8	17.1	24.2	33.4	42.6	46.5	53.9	58.5	59.6	65.1	69.7	71.0	72.8	74.7	75.3	80.3	
IV 1.5	17.1	24.2	33.6	42.9	46.8	54.2	59.3	60.4	65.9	70.5	71.9	73.6	75.6	76.3	81.3	
IV 1.2	17.1	24.2	33.6	42.9	46.8	54.2	59.3	60.4	65.9	70.5	71.9	73.6	75.6	76.3	81.3	
IV 1.0	17.2	24.3	33.9	43.4	47.3	54.7	59.9	61.1	66.9	71.6	73.0	74.8	76.8	77.4	82.4	
IV 900	17.2	24.3	33.9	43.4	47.3	54.8	60.1	61.4	67.1	71.9	73.3	75.1	77.1	77.7	82.7	
IV 800	17.3	24.4	34.3	43.9	47.8	55.3	60.6	61.9	67.6	72.5	74.0	75.7	77.7	78.3	83.3	
IV 700	17.3	24.4	34.3	43.9	47.8	55.4	60.7	62.0	67.7	72.7	74.2	75.9	77.9	78.5	83.6	
IV 600	17.3	24.4	34.4	44.2	48.1	55.7	61.1	62.4	68.1	73.1	74.6	76.3	78.3	79.2	84.3	
IV 500	17.3	24.4	34.4	44.2	48.1	55.7	61.1	62.4	68.1	73.1	74.6	76.3	78.3	79.2	84.3	
IV 400	17.3	24.5	34.5	44.3	48.2	55.8	61.4	62.8	68.8	74.1	75.9	77.9	80.3	80.9	86.1	
IV 300	17.3	24.5	34.6	44.4	48.3	55.9	61.5	62.9	69.0	74.7	76.8	78.8	81.4	82.7	88.9	
IV 200	17.4	24.6	34.7	44.5	48.4	56.0	61.6	63.0	69.2	75.1	77.2	79.3	82.1	83.5	91.7	
IV 100	17.4	24.6	34.7	44.5	48.4	56.1	61.7	63.1	69.4	75.3	77.5	79.6	82.5	84.1	97.8	
IV 0	17.4	24.6	34.7	44.5	48.4	56.1	61.7	63.1	69.5	75.4	77.6	79.7	82.6	84.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 960

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34068

SA BIEFEN GERMANY/COLEMAN AAF

59-76

ACT

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	≥ .9	≥ .8	≥ .7	≥ .6	≥ 0	
NO CEILING		6.8	6.5	13.2	16.6	18.1	20.4	23.9	24.4	25.6	26.6	27.1	27.4	28.5	28.5	29.7
≥ 20000		8.1	10.3	15.0	19.3	21.2	23.7	27.7	28.4	30.7	32.3	32.6	33.2	34.3	34.3	35.9
IV 18000		8.1	10.3	15.0	19.3	21.2	23.7	27.7	28.4	30.7	32.3	32.6	33.2	34.3	34.3	35.8
IV 16000		8.1	10.3	15.0	19.3	21.2	23.7	27.7	28.4	30.7	32.3	32.6	33.2	34.3	34.3	35.8
IV 14000		8.7	11.0	16.1	20.3	22.3	24.9	28.9	29.6	31.9	33.4	33.9	34.4	35.5	35.5	36.9
IV 12000		8.7	11.0	16.1	20.3	22.3	24.9	28.9	29.6	31.9	33.4	33.9	34.4	35.5	35.5	36.9
IV 10000		9.4	11.7	17.0	21.3	23.3	25.9	29.8	30.5	33.0	34.6	35.1	35.6	36.6	36.6	38.1
IV 9000		10.1	12.4	17.9	22.8	24.7	27.6	31.7	32.4	35.1	36.7	37.2	37.7	38.8	38.8	40.2
IV 8000		10.9	13.9	20.4	25.7	27.7	31.0	35.3	36.0	38.9	40.7	41.3	41.8	42.8	42.8	44.3
IV 7000		12.1	15.3	22.7	28.1	30.2	33.6	38.3	39.1	42.1	44.0	44.6	45.1	46.1	46.1	47.6
IV 6000		12.6	15.8	23.4	29.1	31.7	35.6	40.6	41.7	45.1	47.1	47.7	48.2	49.2	49.2	50.7
IV 5000		13.1	16.7	25.2	31.4	34.1	38.3	43.7	44.9	48.4	50.9	51.5	51.9	53.0	53.0	54.5
IV 4500		14.1	18.0	27.0	33.3	36.2	40.9	46.6	47.8	51.4	53.8	54.5	54.9	56.0	56.0	57.5
IV 4000		15.1	19.5	29.8	36.5	39.5	44.5	50.2	51.4	55.3	57.8	58.5	59.0	60.1	60.1	61.5
IV 3500		16.4	21.6	32.8	39.8	43.2	48.3	54.1	55.2	59.2	61.8	62.6	63.3	64.3	64.3	65.8
IV 3000		17.2	23.2	35.6	43.2	46.6	51.9	57.9	59.2	63.2	66.0	66.8	67.4	68.5	68.5	70.0
IV 2500		18.8	25.0	38.4	47.1	50.7	56.2	63.0	64.2	68.7	71.6	72.5	73.2	74.2	74.2	75.7
IV 2000		19.1	25.6	39.2	48.4	52.0	57.9	64.8	66.3	71.3	74.4	75.3	76.0	77.0	77.0	78.5
IV 1800		19.2	25.9	39.6	48.8	52.5	58.4	65.5	67.0	72.0	75.1	76.1	76.8	77.9	77.9	79.4
IV 1500		19.2	26.0	40.0	49.2	52.9	59.1	66.4	68.0	73.3	76.4	77.4	78.5	79.6	79.6	81.0
IV 1200		19.4	26.2	40.8	50.3	54.0	60.3	67.8	69.7	75.1	78.2	79.3	80.3	81.4	81.4	82.8
IV 1000		19.4	26.3	41.0	50.7	54.4	60.7	68.2	70.2	75.7	79.3	80.4	81.6	82.6	82.6	84.3
IV 900		19.4	26.3	41.0	50.7	54.4	60.8	68.3	70.3	75.8	79.4	80.5	81.7	82.8	82.8	84.5
IV 800		19.4	26.3	41.1	50.9	54.7	61.1	68.7	70.6	76.2	80.0	81.3	82.5	83.7	83.7	85.4
IV 700		19.4	26.3	41.1	50.9	54.7	61.2	68.8	70.7	76.3	80.3	81.7	82.8	84.1	84.1	85.8
IV 600		19.5	26.5	41.3	51.1	54.8	61.4	69.1	71.0	76.6	80.7	82.1	83.2	84.6	84.6	86.6
IV 500		19.5	26.6	41.4	51.2	55.0	61.7	69.4	71.3	77.3	81.9	83.3	84.5	86.2	86.2	88.2
IV 400		19.5	26.6	41.4	51.2	55.0	61.7	69.4	71.3	77.5	82.2	83.8	85.1	87.1	87.1	89.1
IV 300		19.5	26.6	41.4	51.2	55.0	61.7	69.4	71.3	77.6	82.4	84.1	85.7	88.3	88.3	93.1
IV 200		19.5	26.6	41.5	51.3	55.1	61.8	69.5	71.4	77.7	82.5	84.2	85.9	89.0	89.0	96.3
IV 100		19.5	26.6	41.5	51.3	55.1	61.8	69.5	71.4	78.2	82.9	84.7	86.3	89.5	89.5	99.5
IV 0		19.5	26.6	41.5	51.3	55.1	61.8	69.5	71.4	78.2	82.9	84.7	86.3	89.5	89.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1032

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA DWFFN GERMANY/COLEMAN AAF 59-70

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)														
	2.0	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8
NO CEILING	13.8	15.9	21.1	25.3	26.7	29.0	30.3	30.8	31.4	33.2	33.6	34.3	35.0	35.0	35.5
IV 2000	15.8	18.9	25.1	29.7	21.2	34.0	33.7	36.5	37.2	39.1	39.6	40.4	41.2	41.2	41.6
IV 1800	15.9	19.0	25.2	29.8	31.3	34.1	35.8	36.6	37.4	39.2	39.7	40.5	41.3	41.3	41.6
IV 1600	17.0	19.1	25.3	29.9	31.4	34.2	35.9	36.7	37.5	39.3	39.8	40.6	41.4	41.4	42.0
IV 1400	17.1	19.2	25.5	30.1	31.6	34.4	36.1	36.9	37.6	39.5	40.0	40.8	41.6	41.6	42.2
IV 1200	17.4	19.5	26.1	30.8	32.4	35.2	37.0	37.7	38.5	42.4	40.9	41.7	42.5	42.5	43.2
IV 1000	18.0	20.3	27.1	32.0	33.7	36.6	38.2	39.1	40.1	42.0	42.5	43.3	44.1	44.1	44.8
IV 900	18.8	21.3	28.8	34.0	35.7	38.5	40.2	41.1	42.1	44.0	44.6	45.4	46.2	46.2	46.9
IV 800	21.1	23.8	31.6	37.1	38.8	41.7	43.4	44.3	45.3	47.2	47.9	48.7	49.5	49.5	50.2
IV 700	23.2	26.1	34.3	40.1	42.0	44.9	46.6	47.5	48.6	50.5	51.2	52.0	52.9	52.9	53.6
IV 600	25.2	28.9	37.3	43.5	45.4	48.7	50.4	51.3	52.4	54.4	55.1	56.0	56.9	56.9	57.6
IV 500	26.4	30.4	39.3	46.1	48.0	51.3	53.3	54.2	55.6	57.6	58.3	59.2	60.1	60.1	60.8
IV 4500	27.2	31.5	40.6	47.8	49.7	53.0	55.4	56.3	57.7	59.8	60.5	61.4	62.3	62.3	62.9
IV 4000	29.9	34.0	43.9	51.7	53.6	57.5	59.7	60.6	62.0	64.2	64.9	65.8	66.7	66.7	67.4
IV 3500	31.8	36.6	46.8	54.8	56.8	60.7	62.8	63.7	65.1	67.4	68.2	69.1	70.0	70.0	70.7
IV 3000	34.7	40.1	52.0	60.5	62.5	66.3	68.9	69.8	71.2	73.6	74.4	75.2	76.2	76.2	76.9
IV 2500	36.6	42.5	56.2	65.7	67.7	71.6	74.7	75.7	77.4	79.7	80.5	81.4	82.3	82.3	83.0
IV 2000	37.5	44.2	58.1	68.1	70.1	74.3	77.7	78.9	80.8	83.1	84.1	85.0	85.9	85.9	86.6
IV 1800	37.5	44.6	58.6	68.7	70.7	75.1	78.3	79.6	81.5	83.8	84.7	85.7	86.6	86.6	87.3
IV 1500	37.8	45.1	59.3	69.7	71.8	76.3	79.6	80.9	82.8	85.4	86.4	87.3	88.2	88.2	88.9
IV 1200	37.9	45.3	59.7	70.5	72.7	77.2	80.7	82.2	84.3	87.0	87.9	88.8	89.8	89.8	90.5
IV 1000	37.9	45.3	59.7	70.6	72.8	77.3	81.1	82.6	85.0	87.7	88.6	89.7	90.7	90.7	91.4
IV 900	38.0	45.4	59.9	71.0	73.2	77.9	81.6	83.1	85.5	88.3	89.2	90.3	91.3	91.3	92.2
IV 800	38.0	45.4	59.9	71.1	73.3	78.1	81.8	83.3	85.8	88.6	89.5	90.6	91.6	91.6	92.5
IV 700	38.0	45.4	59.9	71.1	73.3	78.2	82.0	83.6	86.2	89.3	90.2	91.4	92.4	92.4	93.1
IV 600	38.0	45.6	60.1	71.3	73.5	78.4	82.2	83.8	86.6	89.7	91.2	92.1	93.1	93.1	93.8
IV 500	38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.3	87.3	91.1	92.7	93.7	94.7	94.7	95.4
IV 400	38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.3	87.3	91.1	92.7	93.7	94.7	94.7	95.4
IV 300	38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.3	87.3	91.1	92.7	93.7	94.7	94.7	95.4
IV 200	38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.3	87.3	91.1	92.7	93.7	94.7	94.7	95.4
IV 100	38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.3	87.3	91.1	92.7	93.7	94.7	94.7	95.4
IV 0	38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.3	87.3	91.1	92.7	93.7	94.7	94.7	95.4

TOTAL NUMBER OF OBSERVATIONS

1204

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34000

SA DUFREN GERMANY/CJLE AAF

39-70

LCI

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
200	23.9	28.4	30.9	31.5	33.5	34.6	35.0	35.9	37.4	37.6	37.9	38.5	38.5	38.7			
220	27.0	32.3	36.0	36.6	38.8	40.0	40.4	41.8	43.6	43.8	44.1	44.8	44.8	44.9			
240	27.0	32.8	36.2	36.8	39.0	40.2	40.6	42.0	43.8	44.7	44.4	45.0	45.0	45.1			
260	27.6	33.8	37.1	37.7	39.9	41.1	41.8	42.9	44.8	45.2	45.3	45.9	45.9	46.0			
280	28.6	35.1	38.9	39.6	41.9	43.2	43.6	45.1	46.9	47.2	47.5	48.1	48.1	48.2			
300	29.5	36.9	40.7	41.5	43.7	45.1	45.5	47.0	49.0	49.2	49.5	50.2	50.2	50.3			
320	32.4	40.2	44.7	45.5	48.1	49.4	49.8	51.4	53.4	53.6	53.9	54.5	54.5	54.6			
340	34.3	42.8	47.4	48.2	50.9	52.3	52.7	54.3	56.3	56.5	56.8	57.4	57.4	57.5			
360	36.9	45.4	50.2	51.0	53.7	55.1	55.5	57.1	59.1	59.3	59.6	60.2	60.2	60.3			
380	39.2	47.9	53.1	54.0	57.2	58.8	59.2	60.8	62.8	63.0	63.3	63.9	63.9	64.0			
400	41.1	50.4	55.6	56.7	60.0	61.7	62.2	63.8	65.8	66.0	66.3	66.9	66.9	67.0			
420	44.1	54.0	59.0	60.7	64.0	65.7	66.2	67.9	69.8	70.1	70.4	71.0	71.0	71.1			
440	47.6	57.9	63.7	64.9	68.2	69.9	70.5	72.1	74.1	74.3	74.6	75.2	75.2	75.3			
460	51.9	63.7	69.7	71.0	74.8	76.4	76.8	78.5	80.6	80.8	81.1	81.8	81.8	81.9			
480	53.9	66.9	73.3	74.7	78.5	80.3	80.8	82.5	84.6	84.8	85.1	85.7	85.7	85.8			
500	54.7	68.3	75.2	76.5	81.0	82.2	82.8	83.9	87.7	87.9	88.2	88.8	88.8	88.9			
520	55.2	68.8	76.1	77.9	82.4	84.6	85.2	86.9	89.0	89.2	89.5	90.2	90.2	90.3			
540	55.8	69.3	76.9	79.2	83.0	86.1	86.8	88.6	90.7	91.0	91.4	92.0	92.0	92.1			
560	55.9	69.4	77.8	80.3	83.9	87.9	88.7	90.9	93.2	93.6	94.0	94.6	94.6	94.7			
580	55.9	69.4	77.8	80.3	83.9	87.9	88.7	90.9	93.2	93.6	94.0	94.6	94.6	94.7			
600	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
620	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
640	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
660	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
680	56.2	69.7	78.1	80.8	86.0	88.6	90.1	93.0	96.1	96.4	96.7	97.2	97.9	98.0			
700	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
720	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
740	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
760	56.2	69.7	78.1	80.7	83.9	87.5	88.3	90.5	92.8	93.2	93.6	94.2	94.2	94.3			
780	56.2	69.7	78.1	80.8	86.0	88.6	90.1	93.0	96.1	96.4	96.7	97.2	97.9	98.0			
800	56.2	69.7	78.1	80.8	86.0	88.6	90.1	93.0	96.1	96.4	96.7	97.4	98.7	99.1	99.2		
820	56.2	69.7	78.1	80.8	86.0	88.6	90.1	93.0	96.1	96.4	96.7	97.4	98.7	99.1	99.7		
840	56.2	69.7	78.1	80.8	86.0	88.6	90.1	93.1	96.4	96.8	97.5	98.8	99.2	100.0			

TOTAL NUMBER OF OBSERVATIONS

965

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SA DUEBEN GERMANY/COLEMAN AAF

61-70

-CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
NO CEILING	15.8	23.3	27.9	31.3	33.3	35.7	37.0	37.3	37.5	40.2	40.9	41.0	42.4	42.4	42.5	
≥ 2500	19.2	26.9	31.7	33.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8	
IV 8000	19.2	26.9	31.7	33.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8	
IV 6000	19.2	26.9	31.7	33.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8	
IV 4000	19.2	26.9	31.7	33.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8	
IV 12000	19.5	27.2	32.0	35.7	37.8	41.1	42.5	43.0	44.3	46.0	47.2	47.5	48.9	48.9	49.1	
IV 9000	20.0	27.6	32.6	36.0	38.6	42.0	43.6	44.0	45.3	47.0	48.2	48.5	49.9	49.9	50.1	
IV 7000	23.7	31.3	36.9	41.4	43.6	46.9	48.5	48.9	50.4	52.2	53.4	53.8	55.3	55.3	55.4	
IV 5000	25.3	33.7	39.2	44.0	46.3	50.1	52.0	52.4	54.0	55.9	57.0	57.5	58.9	58.9	59.0	
IV 3000	28.1	36.9	42.4	47.3	49.6	53.5	55.6	56.0	57.6	59.6	60.8	61.2	62.7	62.7	62.8	
IV 1500	31.1	40.2	46.9	52.1	54.8	58.9	60.9	61.4	63.1	65.1	66.3	66.7	68.2	68.2	68.3	
IV 750	33.6	42.8	49.6	54.8	57.7	61.8	63.8	64.3	66.0	68.0	69.3	69.8	71.2	71.2	71.3	
IV 500	35.0	44.4	52.0	57.5	60.3	64.5	66.6	67.0	68.9	70.9	72.4	72.9	74.4	74.4	74.5	
IV 300	37.3	47.3	55.6	61.1	64.0	68.7	70.8	71.3	73.2	75.3	76.7	77.4	78.9	78.9	79.0	
IV 200	38.8	48.9	58.0	63.7	66.9	72.1	74.1	74.7	76.8	78.9	80.6	81.3	82.8	82.8	82.9	
IV 100	39.9	50.7	60.3	66.3	69.6	74.8	77.0	77.6	79.9	81.9	83.6	84.4	85.8	85.8	86.0	
IV 50	40.1	50.9	61.4	67.9	71.6	77.3	79.9	80.6	83.4	85.4	87.1	87.8	89.3	89.3	89.4	
IV 0	40.1	50.9	61.4	67.9	71.6	77.7	80.6	81.3	84.2	86.3	88.0	88.7	90.2	90.2	90.3	
IV 1200	40.1	51.4	61.8	68.3	72.4	78.6	81.3	82.2	85.4	87.7	89.4	90.2	91.6	91.6	91.8	
IV 1000	40.1	51.4	62.1	68.6	72.6	78.9	81.8	82.5	85.7	88.0	89.7	90.4	91.9	91.9	92.0	
IV 900	40.1	51.4	62.1	68.6	72.6	78.9	81.8	82.5	85.7	88.0	89.7	90.4	91.9	91.9	92.0	
IV 800	40.1	51.5	62.2	68.7	72.8	79.2	82.1	82.8	86.0	88.3	90.0	90.7	92.2	92.2	92.3	
IV 700	40.2	51.7	62.4	68.9	72.9	79.3	82.3	83.1	86.4	88.9	90.6	91.3	92.8	92.8	92.9	
IV 600	40.2	51.8	62.5	69.0	73.1	79.5	82.5	83.2	86.5	89.1	90.9	91.6	93.1	93.1	93.2	
IV 500	40.2	52.1	62.8	69.3	73.4	79.7	82.9	83.6	87.1	90.2	92.2	92.9	94.5	94.5	94.6	
IV 400	40.2	52.1	62.8	69.3	73.7	80.2	83.4	84.1	87.6	90.6	92.6	93.3	95.3	95.3	95.3	
IV 300	40.2	52.1	62.8	69.3	73.7	80.2	83.4	84.1	87.6	90.9	92.9	93.8	95.9	95.9	96.2	
IV 200	40.2	52.1	62.8	69.3	73.7	80.2	83.4	84.1	87.6	90.9	92.9	93.8	96.1	96.2	96.3	
IV 100	40.2	52.1	62.8	69.3	73.7	80.2	83.4	84.1	87.6	90.9	92.9	93.8	96.7	97.0	97.1	
IV 0	40.2	52.1	62.8	69.3	73.7	80.2	83.4	84.1	87.7	91.0	93.1	93.9	96.8	97.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 691

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SAARBRÜCKEN GERMANY/COLEMAN AAF

61-64,66

12V

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1		
NO CEILING	6.4	11.9	18.3	20.2	20.2	24.8	24.8	24.8	24.8	25.7	25.7	26.6	27.5	27.5	32.1
≥ 2000	6.4	11.9	19.3	21.1	22.0	26.6	26.6	26.6	26.6	28.4	28.4	29.4	30.3	30.3	34.9
≥ 1500	6.4	11.9	19.3	21.1	22.0	26.6	26.6	26.6	26.6	28.4	28.4	29.4	30.3	30.3	34.9
≥ 1000	6.4	11.9	19.3	21.1	22.0	26.6	26.6	26.6	26.6	28.4	28.4	29.4	30.3	30.3	34.9
≥ 800	7.3	12.8	20.2	22.0	23.9	28.4	28.4	28.4	28.4	30.3	30.3	31.2	32.1	32.1	36.7
≥ 700	7.3	12.8	20.2	22.0	23.9	28.4	28.4	28.4	28.4	30.3	30.3	31.2	32.1	32.1	36.7
≥ 600	8.3	13.8	21.1	22.9	24.8	29.4	29.4	29.4	29.4	31.2	31.2	32.1	33.0	33.0	37.6
≥ 500	10.1	15.6	22.9	25.7	27.5	32.1	32.1	32.1	32.1	33.9	33.9	34.9	35.8	35.8	40.4
≥ 450	10.1	16.5	24.8	27.5	29.4	33.9	33.9	33.9	33.9	35.8	35.8	36.7	37.6	37.6	42.1
≥ 400	11.9	19.3	28.4	31.2	33.0	37.6	37.6	37.6	37.6	39.4	39.4	40.4	42.2	42.2	46.8
≥ 350	13.8	22.0	35.8	38.5	40.4	45.0	45.0	45.0	45.0	46.8	46.8	47.7	49.5	49.5	54.1
≥ 300	14.7	22.9	37.6	40.4	42.2	47.7	47.7	47.7	47.7	49.5	49.5	50.5	52.3	52.3	56.9
≥ 250	15.6	22.9	39.4	42.2	44.0	52.2	52.2	52.2	52.2	54.1	54.1	56.0	56.9	56.9	61.5
≥ 200	20.2	28.4	45.0	49.5	51.4	61.5	62.4	62.4	62.4	63.3	63.3	65.1	65.1	66.1	67.9
≥ 1800	22.0	31.2	47.7	52.2	53.0	67.9	67.9	67.9	67.9	69.7	69.7	70.6	72.5	72.5	77.1
≥ 1600	22.0	31.2	48.6	54.1	56.0	66.1	67.9	67.9	68.8	70.6	70.6	71.6	73.4	73.4	78.0
≥ 1500	22.0	31.2	51.4	56.9	58.7	68.8	70.6	70.6	71.6	73.4	73.4	75.2	77.1	77.1	81.7
≥ 1200	22.0	31.2	52.3	58.7	60.6	73.4	73.2	73.2	76.1	78.0	78.0	79.8	81.7	81.7	86.2
≥ 1000	22.0	31.2	53.2	59.6	61.5	74.3	76.1	76.1	77.1	78.9	78.9	80.7	82.6	82.6	87.2
≥ 900	22.0	31.2	53.2	59.6	61.5	74.3	76.1	76.1	77.1	78.9	78.9	80.7	82.6	82.6	87.2
≥ 800	22.0	31.2	53.2	60.6	62.4	78.0	78.0	78.0	79.8	80.7	80.7	82.6	84.4	84.4	89.0
≥ 700	22.0	31.2	53.2	61.5	64.2	79.8	81.7	81.7	82.6	84.4	84.4	86.2	88.1	88.1	92.7
≥ 600	22.0	31.2	53.2	61.5	64.2	79.8	82.6	82.6	83.5	85.3	85.3	87.2	89.0	89.0	94.5
≥ 500	22.0	31.2	53.2	61.5	64.2	79.8	82.6	82.6	83.5	85.3	85.3	87.2	89.0	89.0	94.5
≥ 400	22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	88.1	90.0	90.0	95.4
≥ 300	22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	88.1	90.0	91.7	96.3
≥ 200	22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	88.1	90.0	91.7	96.3
≥ 100	22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	88.1	90.0	91.7	96.3
≥ 0	22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	88.1	90.0	91.7	96.3

TOTAL NUMBER OF OBSERVATIONS

109

DATA PROCESSING UNIT
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34008

SA DREFFEN PERMIA/C/LEAF AN AAF

59-70

AFY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0900

VISIBILITY	CEILING															
	0	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
0	7.2	8.9	11.5	12.3	13.2	14.2	16.0	16.2	17.2	18.3	18.4	18.7	19.2	19.6	22.7	
100	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
200	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
300	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
400	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
500	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
600	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
700	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
800	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
900	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
1000	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
1200	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
1400	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
1600	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
1800	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
2000	8.6	11.6	12.4	14.5	15.5	17.1	19.0	19.2	20.3	21.6	21.7	21.9	22.5	22.8	25.4	
3000	11.3	14.3	16.8	19.6	21.0	23.1	25.3	25.9	26.9	28.2	28.3	28.5	29.2	29.5	32.2	
4000	12.7	16.4	19.2	22.3	23.8	26.0	28.2	28.4	30.1	31.4	31.5	31.7	32.4	32.7	35.5	
5000	14.5	19.1	22.3	26.3	27.8	30.5	32.8	33.1	35.1	36.4	36.6	36.9	37.7	38.0	40.8	
6000	19.2	21.3	23.3	29.2	30.9	34.0	36.6	36.9	39.9	40.3	40.8	41.1	42.0	42.3	45.1	
7000	17.4	22.9	27.2	31.1	33.0	36.1	38.8	39.0	41.2	42.7	43.1	43.5	44.4	44.7	47.5	
8000	18.5	24.2	28.5	33.2	35.5	38.9	41.6	41.8	44.0	45.6	46.0	46.4	47.3	47.6	50.4	
9000	19.8	26.0	31.5	36.4	39.0	43.0	46.0	46.3	48.5	50.1	50.6	50.9	51.8	52.2	55.1	
10000	22.8	29.8	37.2	42.8	45.7	50.7	54.2	54.5	57.2	59.0	59.9	60.2	61.1	61.5	64.4	
12000	24.4	32.7	42.2	48.2	51.5	58.9	60.9	61.5	64.7	66.7	67.6	67.9	68.8	69.2	72.1	
14000	29.7	33.5	45.8	52.6	56.4	62.6	66.7	67.4	70.7	73.0	73.9	74.2	75.1	75.4	78.3	
16000	26.9	36.2	46.8	54.0	58.0	64.4	68.5	69.2	72.7	75.1	76.0	76.3	77.2	77.5	80.4	
18000	27.3	37.2	48.4	56.2	60.1	67.0	71.0	72.3	75.9	78.2	79.1	79.6	80.4	80.8	83.7	
20000	27.3	37.7	49.2	57.0	61.3	68.3	73.3	74.0	77.8	80.3	81.3	82.0	83.0	83.4	86.3	
30000	27.3	37.7	49.2	57.2	61.9	69.5	74.6	75.5	79.4	82.2	83.4	83.9	85.1	85.5	88.4	
40000	27.3	37.7	49.2	57.2	61.9	69.7	75.1	76.1	80.3	83.4	84.5	85.0	86.3	86.6	89.5	
50000	27.3	37.9	49.4	57.4	62.1	70.3	75.6	76.6	80.9	84.0	85.1	85.7	86.9	87.3	90.2	
60000	27.3	38.0	49.5	57.5	62.2	70.5	76.1	77.1	81.6	84.9	86.1	87.0	88.6	88.9	91.8	
70000	27.3	38.0	49.5	57.5	62.2	70.6	76.2	77.2	81.7	85.0	86.5	87.5	89.1	89.4	92.3	
80000	27.3	38.0	49.5	57.8	62.5	70.9	76.5	77.5	82.0	85.4	87.2	88.2	90.1	90.4	93.3	
90000	27.3	38.0	49.5	57.8	62.5	70.9	76.8	77.8	82.3	85.8	87.7	88.8	91.1	91.4	94.3	
100000	27.3	38.0	49.5	57.8	62.5	70.9	76.8	77.8	82.3	86.0	88.0	89.2	91.3	92.1	95.0	
120000	27.3	38.0	49.5	57.8	62.5	70.9	76.8	77.8	82.3	86.0	88.0	89.3	91.5	92.1	95.0	
140000	27.3	38.0	49.5	57.8	62.5	70.9	76.8	77.8	82.3	86.0	88.0	89.3	91.7	92.3	100.0	

TOTAL NUMBER OF OBSERVATIONS

895

USAFETAC

FORM 54

0-14-5 (OL 1) REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SAARBRÜCKEN GERMANY/COLEMAN AAF

59-70

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5
NO CEILING	5.9	6.7	8.2	10.3	11.1	12.5	14.1	14.6	15.7	16.6	16.7	16.9	17.1	17.1	19.1
≥ 2000	7.3	8.2	9.9	12.4	13.3	15.7	17.7	18.5	20.2	21.2	21.4	21.7	22.1	22.1	23.4
IV IV 18000	7.3	8.2	9.9	12.4	13.3	15.7	17.7	18.5	20.2	21.2	21.4	21.7	22.1	22.1	23.4
IV IV 14000	7.3	8.2	9.9	12.4	13.3	15.7	17.7	18.5	20.2	21.2	21.4	21.7	22.1	22.1	23.4
IV IV 12000	7.6	8.5	10.3	12.7	13.7	16.3	18.5	19.2	20.9	22.1	22.4	22.7	23.2	23.2	24.5
IV IV 10000	8.5	9.5	11.5	13.9	15.0	17.6	19.9	20.6	22.5	23.6	24.0	24.3	24.8	24.8	26.4
IV IV 8000	9.7	10.8	13.0	15.6	16.8	19.6	21.8	22.6	24.4	25.5	25.9	26.3	26.8	26.8	28.3
IV IV 7000	11.2	12.4	14.8	17.9	19.2	22.4	24.8	25.5	27.5	28.7	29.1	29.4	29.9	29.9	31.6
IV IV 6000	12.3	13.7	16.2	19.9	21.3	24.8	27.4	28.3	30.6	31.3	32.3	32.6	33.1	33.1	34.7
IV IV 5000	13.3	15.0	18.1	22.1	24.0	28.0	31.1	32.1	34.7	36.6	37.1	37.4	37.9	37.9	39.6
IV IV 4500	14.6	16.2	19.5	23.9	25.8	30.1	33.2	34.4	37.1	39.3	39.9	40.4	40.9	40.9	42.6
IV IV 4000	15.3	18.6	21.9	26.5	28.5	33.0	36.3	37.6	40.7	43.0	43.6	44.1	44.6	44.6	46.3
IV IV 3500	17.0	19.5	23.6	28.8	31.2	36.2	39.7	41.0	44.5	47.3	48.0	48.5	49.0	49.0	50.7
IV IV 3000	18.6	21.3	25.9	31.5	33.9	39.2	43.2	44.5	48.1	51.0	51.8	52.3	53.0	53.0	54.7
IV IV 2500	22.2	26.1	31.6	38.1	40.7	46.3	50.7	52.4	56.1	59.1	59.9	60.5	61.3	61.3	63.3
IV IV 2000	24.1	28.6	35.8	43.3	46.3	52.8	57.6	59.5	63.7	66.7	67.6	68.3	69.1	69.1	71.1
IV IV 1800	25.3	30.5	38.3	46.5	49.5	56.9	62.5	64.3	68.9	72.1	73.0	73.7	74.6	74.6	76.5
IV IV 1500	26.1	31.3	39.1	47.3	50.6	58.3	63.8	65.6	70.3	73.4	74.4	75.1	75.9	75.9	77.8
IV IV 1200	26.5	32.0	40.1	48.9	52.5	61.0	67.0	68.8	73.5	77.0	78.2	78.9	79.7	79.7	81.5
IV IV 1000	27.0	32.5	41.0	50.1	53.8	62.7	69.3	71.2	76.3	80.1	81.3	82.1	82.9	82.9	84.9
IV IV 900	27.1	32.7	41.4	51.2	55.0	64.0	70.9	72.9	78.8	83.4	84.7	85.6	86.9	86.9	89.0
IV IV 800	27.1	32.7	41.4	51.2	55.2	64.4	71.5	73.5	79.6	84.4	85.7	86.7	87.9	87.9	90.1
IV IV 700	27.1	32.7	41.5	51.4	55.3	64.5	71.6	73.6	79.7	84.9	86.3	87.3	88.5	88.5	90.7
IV IV 600	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.7	79.8	85.2	86.5	87.6	88.8	88.8	91.4
IV IV 500	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.7	79.9	85.5	87.5	88.8	90.2	90.2	92.4
IV IV 400	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.9	80.1	85.9	88.2	89.5	91.2	91.2	93.8
IV IV 300	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.9	80.1	85.9	88.2	89.5	91.6	91.6	95.4
IV IV 200	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.9	80.1	85.9	88.2	89.7	91.9	91.9	97.1
IV IV 100	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.9	80.1	85.9	88.2	89.7	92.1	92.1	99.0
IV IV 0	27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.9	80.1	85.9	88.2	89.7	92.1	92.1	100.0

TOTAL NUMBER OF OBSERVATIONS 975

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34008

SA D WFN GERMANY/COLEMAN AAF

59-70

ECV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	
NO CEILING	8.0	9.0	10.5	12.0	13.1	14.1	14.4	14.7	15.7	16.4	16.4	17.1	17.4	17.5	17.7
≥ 2000	10.4	12.2	15.0	17.6	18.5	20.1	20.7	21.2	22.7	23.5	23.7	24.6	25.0	25.1	25.6
≥ 1800	10.4	12.2	15.0	17.6	18.5	20.1	20.7	21.2	22.7	23.5	23.7	24.6	25.0	25.1	25.6
≥ 1600	10.4	12.2	15.0	17.6	18.5	20.1	20.7	21.2	22.7	23.5	23.7	24.6	25.0	25.1	25.6
≥ 1400	10.5	12.3	15.1	17.8	18.8	20.5	21.0	21.5	23.0	23.8	24.0	24.9	25.3	25.4	25.9
≥ 1200	10.8	12.6	15.4	18.3	19.2	20.9	21.4	21.9	23.5	24.3	24.6	25.4	25.8	25.9	26.4
≥ 1000	11.2	13.2	16.1	18.9	19.9	21.8	22.7	23.3	25.1	26.0	26.4	27.3	27.8	27.9	28.4
≥ 900	12.6	14.7	17.6	20.7	21.8	23.7	24.6	25.2	27.0	27.9	28.3	29.2	29.7	29.8	30.3
≥ 800	14.2	16.5	19.8	23.9	25.2	27.3	28.1	28.8	30.5	31.5	31.9	32.7	33.3	33.4	33.9
≥ 700	15.3	17.7	21.6	26.1	27.5	29.7	30.6	31.3	33.2	34.2	34.6	35.5	36.0	36.1	36.6
≥ 600	16.2	19.0	23.3	28.3	29.9	32.4	33.5	34.1	36.1	37.1	37.6	38.4	38.9	39.0	39.6
≥ 500	18.3	21.3	26.3	32.0	34.1	36.6	37.8	38.3	40.9	42.2	42.6	43.4	44.0	44.1	44.6
≥ 450	19.9	23.6	29.9	35.9	38.0	40.7	42.1	42.8	45.3	46.6	47.0	47.8	48.4	48.5	49.0
≥ 400	21.1	25.3	32.5	39.1	41.1	44.0	45.3	46.3	48.9	50.3	50.7	51.5	52.0	52.2	52.7
≥ 350	24.6	29.4	37.4	44.0	46.1	49.2	51.0	51.9	54.7	56.0	56.5	57.3	57.8	57.9	58.4
≥ 300	27.6	32.9	42.1	48.8	51.0	54.4	56.6	57.6	60.7	62.1	62.6	63.5	64.0	64.1	64.7
≥ 250	31.8	38.1	49.1	56.7	59.2	63.5	66.0	67.2	70.3	72.0	72.5	73.3	73.9	74.0	74.6
≥ 200	33.2	39.9	51.4	59.5	62.3	67.2	70.0	71.1	74.4	76.1	76.6	77.4	78.0	78.1	78.7
≥ 1800	33.4	40.2	52.4	60.7	63.7	68.7	71.5	72.6	75.9	77.8	78.3	79.1	79.6	79.7	80.4
≥ 1500	34.2	41.1	53.9	62.2	66.3	71.7	74.4	75.7	79.0	80.9	81.5	82.4	83.0	83.1	83.7
≥ 1200	34.9	42.0	55.2	64.6	68.2	73.8	76.6	77.9	81.3	83.5	84.3	85.2	85.8	85.9	86.6
≥ 1000	35.0	42.1	55.4	65.3	69.2	75.0	78.0	79.3	82.9	85.4	86.1	87.1	87.9	88.0	88.7
≥ 900	35.2	42.2	55.5	65.4	69.3	75.2	78.2	79.6	83.2	86.0	86.8	87.8	88.7	88.8	89.4
≥ 800	35.4	42.4	55.7	65.6	69.6	75.8	78.8	80.7	84.4	87.6	88.4	89.5	90.0	90.7	91.3
≥ 700	35.4	42.4	55.7	65.6	69.6	75.8	79.0	80.9	84.7	88.1	88.9	90.0	91.2	91.3	91.9
≥ 600	35.4	42.4	55.7	65.6	69.6	75.8	79.2	81.3	85.2	88.7	89.5	90.9	92.5	92.7	93.3
≥ 500	35.4	42.4	55.7	65.6	69.6	75.8	79.5	81.6	85.7	89.5	90.3	92.2	94.3	94.4	95.2
≥ 400	35.4	42.4	55.7	65.6	69.6	75.8	79.5	81.6	85.7	89.6	90.6	92.5	94.8	94.9	96.2
≥ 300	35.4	42.4	55.7	65.6	69.6	75.8	79.5	81.6	85.7	89.8	90.8	92.9	95.2	95.3	97.1
≥ 200	35.4	42.4	55.7	65.6	69.6	75.8	79.5	81.6	85.7	89.8	90.8	92.9	95.5	96.0	99.3
≥ 100	35.4	42.4	55.7	65.6	69.6	75.8	79.5	81.6	85.7	89.8	90.8	92.9	95.5	96.0	99.9
≥ 0	35.4	42.4	55.7	65.6	69.6	75.8	79.5	81.6	85.7	89.8	90.8	92.9	95.5	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 953

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34068

SANDLUFEN GERMANY/COLEMAN AAF

59-70

ADP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500=1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0	≥0	≥0	≥0	≥0	≥0
NO CEILING		9.1	10.2	12.1	13.3	13.4	14.4	15.0	15.2	15.0	16.0	16.3	16.5	16.9	16.9	17.2
IV 20000		11.3	13.3	15.6	18.4	18.9	20.8	21.6	22.1	23.4	23.9	24.3	24.5	25.0	25.0	25.4
IV 18000		11.3	13.3	15.6	18.4	18.9	20.8	21.6	22.1	23.4	23.9	24.3	24.5	25.0	25.0	25.4
IV 16000		11.3	13.3	15.6	18.4	18.9	20.8	21.6	22.1	23.4	23.9	24.4	24.6	25.1	25.1	25.5
IV 14000		11.3	13.4	16.0	18.7	19.2	21.2	22.1	22.5	23.9	24.5	24.9	25.1	25.7	25.7	26.0
IV 12000		12.0	14.5	17.0	19.9	20.4	22.4	23.3	23.7	25.1	25.7	26.1	26.3	27.1	27.1	27.4
IV 10000		12.8	15.3	17.9	21.0	21.5	23.6	24.6	25.0	26.6	27.1	27.5	27.8	28.5	28.5	28.9
IV 8000		13.7	16.4	20.0	23.5	24.3	26.6	27.5	28.0	29.6	30.2	30.7	30.9	31.7	31.7	32.0
IV 6000		15.5	18.7	22.6	26.0	27.3	29.7	30.8	31.3	32.9	33.6	34.1	34.3	35.1	35.1	35.4
IV 4000		16.5	20.0	24.3	28.6	29.4	31.9	33.1	33.6	35.4	36.1	36.6	37.3	38.1	38.1	38.5
IV 2000		17.6	21.3	25.6	30.5	31.6	34.3	35.6	36.1	37.9	38.6	39.1	39.9	41.1	41.1	41.4
IV 1500		20.4	24.6	29.6	35.2	36.6	39.5	41.1	41.9	43.9	45.0	45.5	46.3	47.5	47.5	47.9
IV 1000		22.7	27.1	33.3	39.1	40.5	43.6	45.4	46.1	48.2	49.3	49.8	50.6	51.8	51.8	52.1
IV 800		25.2	30.2	36.7	42.7	44.3	47.4	49.5	50.3	52.3	53.4	54.0	54.8	56.0	56.0	56.3
IV 600		28.4	33.6	40.5	47.1	49.0	52.3	54.5	55.4	57.5	58.6	59.1	59.9	61.3	61.3	61.6
IV 400		31.5	37.5	44.8	52.3	54.9	58.5	60.7	61.5	63.6	64.7	65.2	66.0	67.4	67.4	67.8
IV 300		33.4	40.5	49.5	58.3	61.1	65.6	68.3	69.2	71.4	72.5	73.0	73.8	75.2	75.2	75.5
IV 200		35.4	42.8	52.6	61.5	64.6	69.6	72.6	73.6	75.6	76.8	77.7	78.5	79.9	79.9	80.2
IV 100		35.6	43.2	53.1	62.3	65.4	70.4	73.6	74.4	76.7	77.9	78.8	79.6	81.0	81.0	81.3
IV 0		35.8	43.8	54.4	64.5	68.2	73.9	77.2	78.3	80.5	81.7	82.7	83.5	85.0	85.0	85.4
IV 0		36.4	44.6	55.6	66.8	71.0	77.6	81.0	82.3	85.0	86.3	87.5	88.4	90.5	90.5	90.8
IV 0		36.4	44.6	55.6	66.8	71.3	77.8	81.2	82.5	85.4	86.8	88.0	89.0	91.0	91.0	91.4
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	81.5	83.0	85.8	87.5	88.7	89.8	92.1	92.1	92.5
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	81.7	83.2	86.2	88.3	89.5	90.6	92.9	92.9	93.2
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	81.9	83.3	86.4	88.5	89.9	91.0	93.3	93.3	93.7
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.0	91.1	92.3	94.9	94.9	95.3
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.1	91.3	92.6	95.5	95.5	96.6
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.2	91.4	93.0	96.2	96.2	97.5
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.2	91.5	93.2	96.6	96.6	98.8
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.2	91.5	93.2	96.6	96.6	99.7
IV 0		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.2	91.5	93.2	96.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SALZLUFEN GERMANY/CLEMAN AAF

60-70

87V

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800=2000

CEILING FEET	VISIBILITY STATUTE MILES															
	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	13.2	10.0	19.1	20.7	21.5	22.9	23.4	23.7	24.7	25.0	25.1	25.1	25.4	25.4	25.6	25.6
9000	14.9	17.6	21.0	23.8	24.7	26.6	27.2	27.5	28.7	29.2	29.4	29.4	29.9	29.9	29.9	30.3
8000	14.9	17.6	21.0	23.8	24.7	26.6	27.2	27.5	28.7	29.2	29.4	29.4	29.9	29.9	29.9	30.3
7000	14.9	17.6	21.0	23.8	24.7	26.6	27.2	27.5	28.7	29.2	29.4	29.4	29.9	29.9	29.9	30.3
6000	15.0	17.8	21.2	24.1	25.0	26.9	27.5	27.8	29.0	29.6	29.7	29.7	31.1	31.1	31.1	31.6
5000	15.3	19.0	22.4	25.6	26.6	28.8	29.6	29.9	31.0	31.6	31.6	31.8	32.2	32.2	32.2	32.6
4000	16.6	20.3	23.8	27.1	28.1	30.4	31.3	31.6	32.8	33.4	33.5	33.5	34.2	34.2	34.2	34.4
3000	18.7	22.5	26.2	29.9	30.9	33.4	34.3	34.6	35.7	36.3	36.5	36.5	36.9	36.9	36.9	37.4
2000	19.4	23.5	27.8	31.6	32.6	35.4	36.3	36.6	37.8	38.5	38.7	38.7	39.1	39.1	39.1	39.6
1500	22.1	26.3	30.9	35.1	36.3	39.6	40.4	40.7	41.9	42.6	42.8	42.8	43.5	43.5	43.5	44.0
1000	25.4	30.4	35.4	40.1	41.6	44.9	46.2	46.5	47.6	48.4	48.5	48.8	49.6	49.6	49.6	50.0
800	26.8	31.9	37.9	42.6	44.1	47.4	48.7	49.0	50.1	50.9	51.3	51.3	52.1	52.1	52.1	52.5
600	30.1	36.0	42.2	47.1	48.5	52.2	53.5	53.8	55.0	55.7	56.2	56.2	56.9	56.9	56.9	57.4
400	31.6	37.8	44.9	49.9	51.8	55.6	56.9	57.2	58.4	59.1	59.7	59.9	60.6	60.6	60.6	61.0
200	35.2	42.6	50.6	57.1	59.3	63.1	64.7	65.0	66.2	66.9	67.5	67.6	68.4	68.4	68.4	68.8
100	38.1	45.3	54.9	62.1	65.1	69.4	71.3	71.6	72.9	73.7	74.3	74.4	75.1	75.1	75.1	75.6
50	39.8	47.8	58.4	66.2	69.3	74.7	76.6	76.9	78.2	79.1	79.7	79.9	80.6	80.6	80.6	81.0
25	40.0	48.4	59.0	66.5	70.1	75.7	77.8	78.1	79.4	80.3	80.6	81.0	81.8	81.8	81.8	82.2
10	41.0	48.8	59.9	67.9	71.5	77.6	79.9	80.3	81.8	82.6	83.4	83.5	84.3	84.3	84.3	84.7
5	40.5	49.6	61.3	70.3	74.0	80.4	82.6	83.1	84.6	85.4	86.2	86.3	87.1	87.1	87.1	87.5
3	41.6	49.6	61.3	70.4	74.1	81.3	83.7	84.1	85.9	86.8	87.5	87.6	88.4	88.4	88.4	88.8
1.5	40.6	49.7	61.5	70.7	74.4	81.9	84.4	85.0	87.1	87.9	88.7	88.8	89.7	89.7	89.7	90.1
1	40.6	49.7	61.5	70.9	74.6	82.1	84.7	85.4	87.9	89.2	90.0	90.0	90.9	90.9	90.9	91.3
700	40.6	49.7	61.5	70.9	74.6	82.1	84.7	85.6	88.4	90.0	90.7	90.9	91.8	91.8	91.8	92.2
500	40.6	49.7	61.5	70.9	74.6	82.1	84.7	85.6	88.8	90.6	91.3	91.6	92.9	92.9	92.9	93.4
400	40.6	49.7	61.5	70.9	74.6	82.1	84.9	85.7	89.0	90.7	91.5	91.8	93.1	93.1	93.1	93.5
300	40.6	49.7	61.5	70.9	74.6	82.1	84.9	85.7	89.0	90.7	91.5	91.8	93.1	93.1	93.2	94.0
200	40.6	49.7	61.5	70.9	74.6	82.1	84.9	85.7	89.0	90.9	91.9	92.5	95.0	95.0	95.4	95.3
100	40.6	49.7	61.5	70.9	74.6	82.1	84.9	85.7	89.0	90.9	91.9	92.5	95.0	95.0	95.4	95.7
0	40.6	49.7	61.5	70.9	74.6	82.1	84.9	85.7	89.0	90.9	91.9	92.5	95.0	95.0	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24069

SA DUFFE GERMANY/COMLEMAN AAF

61-56

REG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING	26	27	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
10000	3.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	16.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
9000	3.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	16.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
8000	3.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	16.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
7000	3.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	16.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
6000	4.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	19.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
5000	4.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	19.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
4000	4.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	19.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
3000	7.2	12.0	16.9	21.7	21.7	22.9	22.9	22.9	22.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
2500	9.6	15.7	21.7	26.5	26.5	27.7	27.7	27.7	27.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
2000	9.6	16.9	26.5	31.3	31.3	32.5	32.5	32.5	32.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
1500	13.3	20.5	32.5	37.3	37.3	38.6	38.6	38.6	38.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
1000	19.3	27.7	41.0	47.0	47.0	49.4	49.4	49.4	49.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
800	26.5	34.9	50.6	57.8	57.8	60.2	61.4	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
600	30.1	38.6	55.4	62.7	62.7	68.7	71.1	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
400	31.3	39.8	56.6	63.9	63.9	69.9	72.3	73.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
200	31.3	39.8	56.6	63.9	63.9	69.9	72.3	73.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
100	31.3	41.0	59.0	66.3	67.5	73.5	75.9	77.1	78.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
0	31.3	41.0	59.0	66.3	67.5	73.5	75.9	77.1	78.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1

TOTAL NUMBER OF OBSERVATIONS 63

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

3406R

SANDERFELDER GERMANY/COLEMAN AFB

59-70

1-EC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	5.5	6.0	11.2	13.1	13.4	15.5	15.9	16.3	16.8	17.1	17.3	17.9	17.9	17.9	18.2	
IV 10000	5.8	6.4	12.3	14.2	14.5	16.9	17.4	17.8	18.5	18.8	18.9	19.6	19.7	19.7	20.2	
IV 15000	5.8	6.4	12.3	14.2	14.5	16.9	17.4	17.8	18.5	18.8	18.9	19.6	19.7	19.7	20.2	
IV 14000	5.8	6.4	12.3	14.2	14.5	16.9	17.4	17.8	18.5	18.8	18.9	19.6	19.7	19.7	20.2	
IV 12000	5.8	6.4	12.3	14.2	14.5	16.9	17.4	17.8	18.5	18.8	18.9	19.6	19.7	19.7	20.2	
IV 10000	6.6	9.7	13.7	15.7	16.0	18.5	19.9	19.4	20.0	20.4	20.5	21.1	21.2	21.2	21.8	
IV 7000	7.2	13.5	14.8	16.9	17.3	19.7	20.1	20.6	21.2	21.6	21.7	22.3	22.5	22.5	23.0	
IV 7000	7.4	13.8	15.5	18.0	18.4	20.9	21.6	22.0	22.7	23.0	23.1	23.5	23.9	23.9	24.4	
IV 6000	7.6	11.2	16.0	18.8	19.1	21.7	22.3	22.8	23.5	23.8	23.9	24.6	24.7	24.7	25.2	
IV 5000	9.1	13.3	18.6	21.9	22.2	25.1	25.8	26.2	26.9	27.2	27.3	28.0	28.1	28.1	28.7	
IV 5000	12.5	18.0	23.8	27.7	28.1	31.2	31.9	32.3	33.0	33.3	33.4	34.1	34.2	34.2	34.7	
IV 4500	13.8	19.7	25.8	29.0	30.2	33.6	34.3	34.7	35.4	35.7	35.8	36.5	36.6	36.6	37.2	
IV 4500	15.5	22.2	29.3	33.8	34.4	37.8	38.6	39.0	39.7	40.2	40.3	40.9	41.0	41.0	41.5	
IV 4000	17.1	24.2	32.1	37.4	38.1	41.8	42.7	43.1	43.8	44.2	44.4	45.0	45.1	45.1	45.7	
IV 4000	19.1	27.1	36.3	42.5	43.3	47.7	49.1	49.7	50.4	50.9	51.0	51.7	51.8	51.8	52.3	
IV 3500	23.0	33.0	45.1	52.5	53.7	59.0	60.7	61.3	62.7	63.3	63.6	64.3	64.4	64.4	64.9	
IV 3500	26.0	37.1	50.8	60.0	61.6	67.4	69.6	70.5	72.2	72.9	73.3	74.0	74.1	74.1	74.7	
IV 3000	26.7	37.8	52.0	61.4	63.1	69.0	71.3	72.2	74.0	74.7	75.1	75.8	75.9	75.9	76.4	
IV 3000	27.2	38.7	53.8	63.0	65.3	71.7	74.2	75.2	77.3	78.3	78.8	79.4	79.5	79.5	80.1	
IV 2500	28.1	40.5	56.2	66.4	68.4	75.0	77.5	78.5	81.2	82.2	83.1	83.7	83.8	83.8	84.4	
IV 2500	28.2	41.0	57.1	67.8	70.0	77.7	80.5	81.9	82.0	86.2	87.2	88.1	88.3	88.3	88.8	
IV 2000	28.3	41.3	57.4	68.4	70.6	78.3	81.2	82.5	85.6	86.8	87.5	88.7	88.9	88.9	89.4	
IV 2000	28.3	41.5	58.0	69.1	71.5	79.3	82.3	83.6	86.9	88.5	89.6	90.5	90.7	90.7	91.3	
IV 1500	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 1500	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 1000	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 1000	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 500	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 500	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 400	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 400	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 300	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 300	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 200	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 200	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 100	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 100	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	
IV 0	28.7	41.8	58.4	69.9	72.2	80.3	83.4	84.7	88.1	89.7	90.8	91.7	91.9	91.9	92.5	

TOTAL NUMBER OF OBSERVATIONS

904

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SALZBOMEN GERMANY/CLEMAN AAF

59-70

DEC

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	≥.5	≥.3	≥.25	≥.2	≥.15	≥.1	
NO CEILING																
IV 20000	3.9	6.1	9.0	10.8	11.8	13.5	15.2	15.8	16.0	16.7	16.9	17.1	17.7	17.7	18.1	
IV 18000	4.8	7.3	10.6	12.8	13.8	15.9	17.9	18.6	18.9	19.6	19.9	20.1	20.9	20.9	21.8	
IV 16000	4.8	7.3	10.7	13.0	14.0	16.1	18.1	18.9	19.1	19.8	20.1	20.3	21.1	21.1	22.0	
IV 14000	4.9	7.4	11.0	13.3	14.4	16.6	18.6	19.4	19.6	20.3	20.6	20.8	21.6	21.6	22.5	
IV 12000	5.1	7.6	11.2	13.5	14.6	16.8	18.9	19.6	19.8	20.5	20.8	21.0	21.8	21.8	22.7	
IV 10000	5.9	8.4	12.2	15.1	16.2	18.5	20.6	21.3	21.6	22.3	22.6	22.8	23.6	23.6	24.5	
IV 9000	6.3	8.7	12.6	15.7	16.8	19.3	21.3	22.0	22.3	23.0	23.5	23.7	24.5	24.5	25.4	
IV 8000	6.3	8.8	13.0	16.7	17.8	20.6	23.0	23.8	24.2	24.9	25.4	25.6	26.4	26.4	27.4	
IV 7000	7.4	10.1	14.8	19.2	20.6	23.7	26.4	27.3	27.7	28.4	28.9	29.2	30.0	30.0	31.0	
IV 6000	9.0	12.0	16.7	21.5	22.9	26.1	28.9	29.8	30.2	31.1	31.7	32.0	32.8	32.8	33.7	
IV 5000	10.7	14.5	19.8	25.0	26.5	30.2	33.1	34.1	34.9	35.8	36.3	36.6	37.4	37.4	38.4	
IV 4500	11.5	15.6	21.3	26.6	28.2	32.3	35.2	36.2	37.0	38.1	38.6	39.1	39.9	39.9	40.9	
IV 4000	12.9	17.2	23.6	29.6	31.3	35.6	38.8	39.9	41.0	42.2	42.7	43.2	44.1	44.1	45.1	
IV 3500	14.1	18.6	25.7	32.2	33.8	38.2	41.5	42.6	44.0	45.4	45.9	46.4	47.2	47.2	48.2	
IV 3000	15.7	21.0	29.4	36.2	37.9	42.0	46.6	47.7	49.3	50.7	51.2	51.7	52.5	52.5	53.5	
IV 2500	18.1	24.6	34.7	42.0	43.9	50.5	54.7	56.0	58.5	60.2	61.0	61.7	62.6	62.6	63.6	
IV 2000	19.2	26.2	38.1	46.1	48.4	53.6	60.8	62.9	66.2	68.3	69.2	70.0	70.9	70.9	71.9	
IV 1800	19.8	26.9	38.9	47.4	50.0	57.4	62.6	64.7	68.2	70.4	71.2	72.0	72.9	72.9	73.9	
IV 1500	20.6	28.1	41.4	50.7	53.5	61.6	67.2	69.6	73.5	73.9	76.7	77.7	78.6	78.6	79.6	
IV 1200	20.8	28.4	42.3	52.5	55.5	64.3	70.5	73.0	77.3	80.0	81.3	82.4	83.3	83.3	84.3	
IV 1000	21.0	28.9	43.1	53.6	57.2	66.3	73.2	76.6	81.5	84.3	85.8	87.3	88.3	88.3	89.3	
IV 900	21.2	29.4	43.8	54.3	57.9	67.2	74.4	77.8	82.7	85.5	87.0	88.5	89.5	89.5	90.5	
IV 800	21.2	29.5	43.9	54.7	58.3	67.7	75.4	78.8	83.8	86.7	88.3	90.1	91.1	91.1	92.1	
IV 700	21.3	29.6	44.2	55.0	58.8	68.2	75.9	79.6	84.6	87.5	89.1	90.9	91.9	91.9	92.9	
IV 600	21.3	29.6	44.2	55.1	58.9	68.5	76.4	80.1	85.2	88.1	89.7	91.5	92.6	92.6	93.6	
IV 500	21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.2	92.1	93.2	93.2	94.3	
IV 400	21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.3	92.2	93.3	93.3	94.3	
IV 300	21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.3	92.4	93.5	93.5	94.5	
IV 200	21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.3	92.4	93.5	93.5	94.5	
IV 100	21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.3	92.4	93.5	93.5	94.5	
IV 0	21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.3	92.4	93.5	93.5	94.5	

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068

SANDHOEFEN GERMANY/COLEMAN AAF

59-70

JEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	
NO CEILING		7.3	9.3	13.1	15.4	16.1	17.0	18.5	18.8	19.1	19.4	19.6	19.8	20.0	20.1	20.3
IV 20000		8.7	11.2	15.9	18.4	19.4	21.3	22.2	22.4	22.8	23.1	23.3	23.5	24.1	24.2	24.6
IV 14000		8.7	11.2	15.9	18.4	19.4	21.3	22.2	22.4	22.8	23.1	23.3	23.5	24.1	24.2	24.6
IV 14000		8.7	11.2	15.9	18.4	19.4	21.3	22.2	22.4	22.8	23.1	23.3	23.5	24.1	24.2	24.6
IV 12000		9.1	11.6	16.6	19.3	20.2	22.2	23.2	23.4	23.7	24.0	24.2	24.4	25.1	25.2	25.5
IV 10000		9.6	12.1	17.4	20.5	21.6	23.7	24.7	25.0	25.3	25.6	25.8	26.0	26.5	26.9	27.2
IV 8000		9.8	12.3	17.6	20.9	22.0	24.2	25.2	25.5	25.8	26.1	26.3	26.6	27.3	27.4	27.7
IV 7000		10.1	12.8	18.1	22.0	23.3	25.6	26.5	27.3	27.7	28.0	28.2	28.5	29.2	29.3	29.6
IV 6000		11.2	14.1	20.1	24.8	26.1	29.3	30.6	31.2	31.8	32.1	32.3	32.6	33.3	33.4	33.8
IV 5000		12.0	15.4	21.8	26.7	28.3	31.5	32.8	33.7	34.3	34.8	35.0	35.3	36.0	36.1	36.6
IV 4500		14.1	18.2	25.2	30.0	31.7	35.1	36.5	37.4	38.4	38.7	38.9	39.2	39.9	40.0	40.5
IV 4000		15.2	19.6	26.8	32.1	34.0	37.5	39.4	40.4	41.4	41.7	41.9	42.3	43.0	43.1	43.5
IV 3500		17.4	22.4	30.7	36.7	38.6	42.4	44.2	45.7	46.9	47.2	47.4	47.7	48.6	48.7	49.1
IV 3000		18.3	23.5	32.7	39.0	40.9	45.2	47.3	48.6	50.1	50.6	50.8	51.1	51.9	52.1	52.5
IV 2500		20.8	26.3	35.8	43.4	45.3	50.1	52.7	54.1	55.3	56.1	56.3	56.6	57.3	57.6	58.1
IV 2000		22.3	28.8	40.4	48.8	51.1	57.2	60.1	61.5	63.4	64.3	64.6	65.3	66.3	66.4	66.8
IV 1800		24.4	31.6	44.2	53.4	55.8	63.0	66.6	68.6	71.1	72.5	73.0	73.9	75.0	75.1	75.6
IV 1500		24.9	32.1	45.0	54.5	57.1	64.5	68.3	70.3	73.0	74.4	74.9	75.8	76.9	77.0	77.4
IV 1200		25.4	33.9	47.6	57.6	60.7	68.4	72.5	74.6	77.7	79.2	79.8	80.6	81.8	81.9	82.4
IV 1000		25.9	34.6	48.8	59.4	62.5	70.5	74.9	77.6	81.3	83.1	83.9	84.7	86.0	86.1	86.6
IV 900		26.4	35.6	50.2	60.8	63.9	72.7	77.4	80.3	84.9	86.8	88.1	89.3	90.6	90.7	91.5
IV 800		26.6	35.8	51.0	61.9	64.9	74.0	78.7	81.7	86.4	88.3	89.6	90.8	92.2	92.3	93.0
IV 700		26.6	35.9	51.3	62.3	65.3	74.4	79.6	82.5	87.4	89.3	90.5	92.0	93.6	93.7	94.4
IV 600		26.6	35.9	51.4	62.4	65.4	74.5	79.8	82.7	87.8	89.8	91.0	92.7	94.3	94.4	95.2
IV 500		26.6	35.9	51.4	62.4	65.4	74.6	79.9	82.9	88.1	90.4	91.9	93.6	95.3	95.4	96.1
IV 400		26.6	35.9	51.4	62.4	65.4	74.7	80.0	83.0	88.2	90.6	92.4	94.2	96.0	96.1	96.8
IV 300		26.6	35.9	51.4	62.4	65.4	74.8	80.1	83.1	88.3	90.7	92.5	94.3	96.1	96.2	97.3
IV 200		26.6	35.9	51.4	62.4	65.4	74.8	80.1	83.1	88.3	90.7	92.5	94.3	96.1	96.2	97.7
IV 100		26.6	35.9	51.4	62.4	65.4	74.8	80.1	83.1	88.3	90.7	92.5	94.3	96.1	96.2	97.7
IV 0		26.6	35.9	51.4	62.4	65.4	74.8	80.1	83.1	88.3	90.7	92.5	94.3	96.1	96.2	97.7

TOTAL NUMBER OF OBSERVATIONS

949

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SANDWEPEN GERMANY/CELEMAN AAF

59-70

LEO

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0.9	≥ 0.8	≥ 0.7	≥ 0.6	≥ 0.5	≥ 0.4
NO CEILING	7.4	9.5	13.1	16.4	16.8	18.4	19.1	19.4	19.9	20.8	20.8	20.9	21.6	21.6	21.9	
≥ 20000	7.4	9.5	13.1	16.4	16.8	18.4	19.1	19.4	19.9	20.8	20.8	20.9	21.6	21.6	21.9	
IV 18000	7.4	9.5	13.1	16.4	16.8	18.4	19.1	19.4	19.9	20.8	20.8	20.9	21.6	21.6	21.9	
IV 16000	7.4	9.5	13.1	16.4	16.8	18.4	19.1	19.4	19.9	20.8	20.8	20.9	21.6	21.6	21.9	
IV 14000	7.4	9.5	13.1	16.4	16.8	18.4	19.1	19.4	19.9	20.8	20.8	20.9	21.6	21.6	21.9	
IV 12000	7.5	9.6	13.2	16.7	17.1	18.7	19.5	19.7	20.2	21.1	21.1	21.2	21.9	21.9	22.2	
IV 10000	7.5	9.7	13.5	17.1	17.6	19.2	20.1	20.6	21.1	22.1	22.1	22.2	22.9	22.9	23.7	
IV 9000	8.0	10.2	14.0	17.9	18.4	20.0	20.9	21.3	21.9	23.0	23.0	23.2	24.1	24.1	24.4	
IV 8000	8.5	11.0	15.3	19.5	20.0	21.6	22.9	23.5	24.0	25.1	25.1	25.3	26.2	26.2	26.5	
IV 7000	9.5	12.8	17.5	22.8	23.3	25.0	26.9	27.5	28.1	29.2	29.2	29.4	30.3	30.3	30.6	
IV 6000	11.3	15.0	20.0	25.4	26.2	28.9	30.2	31.3	32.1	33.2	33.2	33.4	34.3	34.3	34.6	
IV 5000	12.3	16.8	22.7	28.4	29.6	32.3	33.7	34.8	35.7	36.9	36.9	37.3	38.2	38.2	38.5	
IV 4500	13.8	19.0	25.3	31.2	32.5	35.2	37.4	38.5	39.5	40.7	40.7	41.0	41.9	41.9	42.3	
IV 4000	16.7	22.9	29.5	35.5	36.9	40.4	42.3	43.5	44.7	45.9	45.9	46.2	47.1	47.1	47.5	
IV 3500	18.9	25.7	32.9	39.6	41.0	44.8	46.7	47.9	49.4	50.8	50.8	51.1	52.0	52.0	52.3	
IV 3000	21.7	29.0	37.4	44.6	46.1	50.0	52.1	53.5	55.1	56.5	56.5	56.9	58.0	58.0	58.3	
IV 2500	23.7	31.7	41.6	50.2	52.1	56.7	59.3	60.8	62.9	64.6	64.6	64.9	66.0	66.0	66.4	
IV 2000	25.9	34.7	45.6	55.3	57.4	62.9	66.6	68.4	70.7	73.0	73.1	73.5	74.7	74.7	75.0	
IV 1800	26.2	35.7	47.0	57.0	59.2	65.0	68.8	70.6	73.0	75.3	75.4	75.8	77.0	77.0	77.3	
IV 1500	27.0	36.9	49.2	59.4	62.3	68.5	72.9	74.7	77.5	79.9	80.1	80.6	82.0	82.0	82.4	
IV 1200	27.7	38.2	51.4	62.2	65.2	71.7	76.8	78.7	82.1	84.6	85.1	85.6	87.1	87.1	87.5	
IV 1000	28.3	38.8	52.7	63.8	66.9	74.0	79.3	81.3	84.8	87.6	88.3	89.0	91.0	91.0	91.5	
IV 900	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 800	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 700	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 600	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 500	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 400	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 300	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 200	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 100	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	
IV 0	28.3	38.8	53.0	64.2	67.4	74.8	79.6	81.9	85.4	88.2	89.0	90.2	91.7	91.7	92.1	

TOTAL NUMBER OF OBSERVATIONS

904

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34008

SAULDFEN GERMANY/COLEMAN AAF

60-70

JEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING		5.2	7.5	12.4	14.5	14.7	16.8	16.9	17.3	17.5	18.4	18.5	18.6	18.6	18.6	18.9
≥ 2000		5.2	9.4	15.3	17.6	17.9	20.2	20.5	21.0	21.2	22.4	22.5	22.7	22.7	22.7	23.0
IV 1800		6.2	9.4	15.5	17.8	18.1	20.4	20.7	21.1	21.4	22.5	22.7	22.8	22.8	22.8	23.1
IV 1600		6.2	9.4	15.5	17.8	18.1	20.4	20.7	21.1	21.4	22.5	22.7	22.8	22.8	22.8	23.1
IV 1400		6.2	9.4	15.5	17.8	18.1	20.4	20.7	21.1	21.4	22.5	22.7	22.8	22.8	22.8	23.1
IV 1200		6.5	9.7	15.8	18.1	18.4	20.7	21.0	21.4	21.7	22.8	23.0	23.1	23.1	23.1	23.4
IV 1000		6.6	9.8	15.9	18.6	18.9	21.2	21.5	22.0	22.3	23.6	23.7	23.8	23.8	23.8	24.1
IV 800		7.8	11.1	17.3	20.1	20.4	22.8	23.1	23.6	23.8	25.1	25.3	25.4	25.6	25.6	25.9
IV 600		8.7	12.3	18.8	21.5	22.0	24.4	24.7	25.3	25.6	26.9	27.0	27.2	27.3	27.3	27.6
IV 400		9.4	13.6	20.7	23.6	24.0	26.9	27.3	28.0	28.3	29.6	29.8	29.9	30.1	30.1	30.3
IV 200		10.3	15.2	22.4	26.2	26.9	29.8	30.3	31.1	31.4	32.7	32.8	32.9	33.1	33.1	33.4
NO CEILING		12.3	18.1	25.3	29.2	29.9	32.9	33.5	34.4	34.8	36.1	36.3	36.4	36.6	36.6	36.8
IV 4500		14.9	20.7	29.0	32.9	33.7	37.0	37.6	38.4	38.9	40.3	40.5	40.6	40.9	40.9	41.3
IV 4000		16.9	23.6	32.5	36.6	37.3	40.8	41.3	42.2	42.6	44.1	44.4	44.5	44.8	44.8	45.2
IV 3500		18.1	25.3	35.3	40.2	41.0	44.7	45.4	46.2	47.0	48.7	49.0	49.1	49.4	49.4	49.9
IV 3000		19.4	28.6	37.5	43.4	45.7	50.4	51.6	52.3	53.2	54.9	55.2	55.3	55.6	55.6	56.1
IV 2500		20.5	30.3	43.5	50.1	51.9	56.9	58.2	59.1	60.1	62.3	62.6	62.7	63.0	63.0	63.4
IV 2000		22.8	34.4	48.3	55.5	57.5	63.4	65.0	66.0	67.2	69.5	69.8	69.9	70.2	70.2	70.7
IV 1800		23.4	35.8	49.7	57.7	60.0	66.3	68.1	69.4	70.7	73.3	73.7	73.8	74.1	74.1	74.6
IV 1600		24.1	37.0	51.3	60.4	63.3	70.8	73.7	75.3	76.9	79.6	80.2	80.3	80.6	80.6	81.1
IV 1400		24.9	39.2	54.2	63.7	67.3	75.3	78.3	79.9	81.5	84.7	85.3	85.4	85.7	85.7	86.1
IV 1200		25.1	39.9	54.9	64.6	68.9	76.9	80.1	81.6	83.4	87.1	87.9	88.2	88.6	88.6	89.0
IV 1000		25.1	40.0	55.1	64.9	69.5	77.5	80.6	82.2	84.0	87.7	88.4	88.7	89.2	89.2	89.6
IV 800		25.1	40.0	55.3	66.2	70.8	79.0	82.4	84.5	86.6	90.5	91.2	91.5	91.9	91.9	92.3
IV 700		25.1	40.0	55.3	66.2	70.8	79.0	82.4	84.5	86.6	90.5	91.2	91.5	91.9	91.9	92.3
IV 600		25.1	40.0	55.3	66.2	70.8	79.0	82.4	84.5	86.6	90.5	91.2	91.5	91.9	91.9	92.3
IV 500		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8
IV 400		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8
IV 300		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8
IV 200		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8
IV 100		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8
IV 0		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8

TOTAL NUMBER OF OBSERVATIONS 692

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34068

SANDHOEFEN GERMANY/CELEMAN AAF

60

JEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	
NO CEILING				4.3	4.0	4.8	4.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 20000				4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
IV 18000				4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
IV 16000				4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
IV 14000				4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
IV 12000				4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
IV 10000				4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
IV 9000		4.8	4.8	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
IV 8000	4.8	4.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
IV 7000	4.8	4.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
IV 6000	4.8	4.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
IV 5000	4.8	4.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
IV 4500	4.8	4.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
IV 4000	4.8	9.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
IV 3500	4.8	9.5	42.9	42.9	42.9	42.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 3000	4.8	9.5	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 2500	4.8	9.5	52.4	52.4	57.1	61.9	66.7	66.7	66.7	71.4	71.4	71.4	71.4	71.4	71.4
IV 2000	4.8	9.5	52.4	57.1	61.9	66.7	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 1800	4.8	9.5	52.4	57.1	61.9	66.7	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 1500	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1200	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	85.7	90.5	90.5	90.5	90.5	90.5	90.5
IV 1000	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	85.7	90.5	90.5	90.5	90.5	90.5	90.5
IV 900	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	85.7	90.5	90.5	90.5	90.5	90.5	90.5
IV 800	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	85.7	90.5	90.5	90.5	90.5	90.5	90.5
IV 700	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	85.7	90.5	90.5	90.5	90.5	90.5	90.5
IV 600	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 500	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	95.2	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21

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	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

99-70

PER OD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LIST	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	7.8	2.5	1.4	2.2	1.2	1.5	2.6	1.9	3.4	5.9	69.7	8.3	4264
FEB		9.6	3.6	2.5	3.2	2.4	2.0	3.5	3.0	5.7	8.6	56.0	7.6	3907
MAR		8.7	3.9	4.1	4.0	3.9	2.7	2.8	4.0	8.5	7.0	49.8	7.3	4541
APR		5.8	4.5	2.5	3.1	3.0	3.5	4.3	3.8	8.7	12.3	48.1	7.6	4482
MAY		3.7	5.1	3.0	3.4	3.9	3.8	4.3	4.2	11.6	13.6	43.6	7.6	4556
JUN		6.4	4.2	3.4	5.2	4.4	4.7	5.3	5.3	13.2	12.3	36.2	7.1	4300
JUL		4.6	4.1	3.3	3.2	3.9	3.2	4.6	3.9	9.2	9.0	50.8	7.7	4374
AUG		5.9	5.4	3.0	4.9	4.6	4.6	4.8	5.6	11.9	12.5	36.8	7.1	4921
SEP		10.5	6.0	3.5	4.0	2.6	4.0	4.0	4.1	8.6	15.8	35.7	6.8	4632
OCT		11.6	3.7	2.2	3.9	3.5	3.4	3.0	4.0	7.6	8.6	48.5	7.2	4746
NOV		4.2	1.6	1.8	4.2	1.8	2.1	2.4	2.0	9.1	8.0	62.9	8.4	4530
DEC		5.9	1.5	1.2	2.0	2.1	1.2	1.6	2.8	4.3	6.1	71.2	8.6	4536
TOTALS		7.1	3.8	2.7	2.7	2.2	2.0	2.6	2.7	8.4	10.0	50.8	7.6	53794

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34000 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

60=70

PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02											100.0	10.0	1
	03-05	12.1	1.1	1.1	4.4			1.1	1.1	1.1	2.2	75.8	8.2	91
	06-08	7.4	3.1	1.8	2.2	2.1	2.2	2.1	1.8	3.8	3.6	70.0	8.2	878
	09-11	3.8	2.3	2.0	3.4	1.9	1.9	2.9	1.4	6.3	8.4	66.1	8.5	912
	12-14	4.7	2.6	2.0	3.1	2.0	2.8	3.1	1.8	3.8	9.8	64.2	8.3	890
	15-17	6.0	2.2	2.0	2.0	1.0	2.8	4.1	1.6	3.4	9.6	62.8	8.3	850
	18-20	7.2	3.7	2.4	2.4	2.6	2.6	2.1	1.8	6.7	8.3	60.4	8.0	827
	21-23	21.1	3.3					3.3	3.3		3.3	97.9	7.0	19
TOTALS		7.8	2.8	1.4	2.2	1.2	1.8	2.6	1.9	3.4	3.9	69.7	8.3	4268

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

60-70
PERIOD

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9				
FEB	00-02														
	03-05	20.7	0.1	2.4	1.2	1.2		2.4	3.7	2.4	4.9	56.9	6.7	82	
	06-08	7.7	3.3	2.3	4.0	3.0	2.4	3.0	2.4	6.3	7.3	37.6	7.7	301	
	09-11	0.0	2.0	3.1	3.3	2.2	2.2	3.9	3.3	6.9	9.0	37.0	7.9	891	
	12-14	3.3	3.3	2.0	3.0	2.4	2.4	3.6	3.6	3.7	10.3	37.9	8.0	831	
	15-17	6.2	3.3	1.8	3.3	2.2	2.1	2.9	3.8	7.6	10.3	37.3	8.0	794	
	18-20	10.0	3.1	3.1	4.2	3.1	3.1	3.3	1.8	4.9	9.3	31.5	7.3	348	
	21-23														
TOTALS		9.0	3.0	2.8	3.2	2.9	3.0	3.3	3.0	3.7	8.6	36.0	7.6	3907	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SAIDHUFEN GERMANY/COLEMAN AAF
STATION STATION NAME

40-70
PERIOD

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

MONTH	HOUR	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		1	2	3	4	5	6	7	8	9	10				
MAR	00-02														
	03-05	12.2	4.1	10.8	5.4	4.1				6.8	2.7	34.1	6.8	74	
	06-08	6.8	2.9	3.4	4.6	4.5	3.6	3.8	3.3	6.7	5.7	34.7	7.6	940	
	09-11	7.9	4.1	2.5	2.7	3.1	3.3	3.5	3.8	7.5	8.5	33.0	7.6	962	
	12-14	5.9	3.7	2.0	2.2	2.8	3.7	3.1	3.5	10.7	12.4	49.9	7.8	942	
	15-17	5.5	3.0	2.2	2.4	4.1	4.4	3.8	4.5	9.5	10.7	50.0	7.8	910	
	18-20	7.5	4.2	2.7	3.2	3.5	4.2	5.2	3.0	8.5	9.1	46.8	7.3	693	
	21-23	15.0	5.0	5.0	10.0	5.0			10.0	10.0		40.0	6.2	20	
TOTALS		8.7	3.9	4.1	4.6	3.9	2.7	2.8	4.0	8.5	7.0	49.8	7.3	4541	

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

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

60-70
PERIOD

APR
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
APR	00-02													
	03-05	4.2	10.2	1.7	4.2	3.4	1.7	3.4	2.5	5.1	7.6	55.9	7.6	118
	06-08	7.3	3.5	3.8	3.1	3.6	2.3	3.8	3.0	7.0	10.3	51.3	7.6	922
	09-11	7.5	4.0	2.2	2.4	3.6	3.4	3.2	4.6	7.4	13.5	48.2	7.6	944
	12-14	4.8	2.6	2.1	3.7	4.1	5.3	3.8	3.8	10.6	14.4	44.9	7.7	924
	15-17	4.7	2.8	2.2	3.5	3.7	3.7	4.8	5.6	11.7	14.1	43.1	7.7	889
	18-20	6.1	3.6	2.8	1.9	3.1	2.6	6.6	3.1	10.4	13.9	43.0	7.6	685
	21-23													
TOTALS		5.8	4.5	2.5	3.1	3.9	3.5	4.3	3.8	8.7	12.3	48.1	7.6	4482

DATA PROCESSING DIVISION
 DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF

60-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

MONTH	HOUR LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		1	2	3	4	5	6	7	8	9	10				
MAY	00-02														
	03-05	2.5	7.6	4.2	5.0	3.4	.8	1.7	5.9	11.8	5.0	52.1	7.6	119	
	06-08	6.5	7.5	3.6	3.9	3.8	3.8	4.3	3.1	8.8	11.0	43.7	7.1	93	
	09-11	5.6	6.0	2.7	2.8	3.9	4.9	4.0	4.2	10.0	13.6	42.3	7.4	95	
	12-14	2.6	3.4	2.7	2.3	2.9	4.7	6.5	3.5	13.1	17.2	41.0	7.8	94	
	15-17	1.6	2.6	2.3	3.0	4.1	4.4	3.9	4.3	14.1	18.5	41.1	8.0	90	
	18-20	3.0	3.2	2.7	3.3	5.2	3.9	5.6	3.9	11.5	16.2	41.5	7.7	69	
	21-23														
	TOTALS	3.7	5.1	3.0	3.4	3.9	3.8	4.3	4.2	11.6	13.6	43.6	7.6	456	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHUFEN GERMANY/COLEMAN AAF
STATION STATION NAME

60-70
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
JUN	00-02														
	03-05	4.9	2.9	6.8	9.7	5.8	4.9	4.9	4.9	11.7	5.8	37.9	6.8	103	
	06-08	10.4	7.7	4.2	5.3	3.4	3.9	4.3	3.4	10.3	9.7	34.7	6.5	874	
	09-11	8.3	4.0	3.5	4.1	5.1	5.4	6.3	5.7	10.7	11.0	35.7	6.9	925	
	12-14	3.4	3.9	2.0	3.5	3.7	4.6	8.1	5.2	13.3	13.7	36.6	7.5	904	
	15-17	3.4	2.1	1.9	3.3	6.1	4.9	4.4	6.2	16.3	15.6	35.8	7.6	872	
	18-20	7.6	4.5	2.1	5.3	4.5	4.5	3.9	4.2	8.9	18.0	36.4	7.2	618	
	21-23														
TOTALS		6.4	4.2	3.4	5.2	4.8	4.7	5.3	5.3	12.2	12.3	36.2	7.1	4300	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SKY COVER

34068 SANDHURST GERMANY/COLEMAN AAF

60-70

PERIOD

JUL
 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	
		1	2	3	4	5	6	7	8	9	10			
JUL	00-02											100.0	10.0	1
	03-05	1.9	4.7	11.3	4.7	3.0	.9	6.6	5.7	11.3	8.5	40.6	7.1	106
	06-08	10.5	8.1	4.5	4.7	4.1	4.5	4.5	5.3	8.7	9.0	36.1	6.5	887
	09-11	10.3	5.7	3.6	3.0	4.9	4.7	5.0	5.3	11.1	12.4	33.9	6.7	932
	12-14	3.5	4.6	2.3	3.4	6.8	5.6	6.4	5.4	15.8	14.7	31.4	7.2	909
	15-17	4.4	4.8	2.4	4.5	5.3	4.5	7.8	5.6	13.8	13.8	33.1	7.2	880
	18-20	7.4	5.0	2.4	5.1	6.2	5.4	6.5	4.1	12.8	13.9	31.2	6.8	667
	21-23											100.0	10.0	1
TOTALS		4.8	4.1	3.3	3.2	3.9	3.2	4.6	3.9	9.2	9.0	50.8	7.7	4379

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34000 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

59-70

PER OC

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ULST	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														
	03-05	3.9	5.5	4.7	8.7	4.7	3.1	1.6	5.5	11.0	9.4	41.7	7.1	127	
	06-08	6.5	5.9	3.1	4.5	3.9	6.0	4.8	4.8	10.6	8.8	39.4	6.9	99	
	09-11	9.4	4.6	2.5	4.0	4.6	6.2	4.2	5.9	10.7	10.0	38.0	6.9	104	
	12-14	4.1	5.4	2.3	3.3	4.2	4.1	6.7	7.0	12.6	14.7	35.4	7.3	102	
	15-17	4.0	5.2	2.1	3.7	5.0	3.9	6.5	5.9	14.3	17.6	31.9	7.3	98	
	18-20	5.4	5.6	3.2	5.4	5.1	4.4	5.1	4.8	12.0	14.5	34.4	7.1	74	
	21-23														
	TOTALS	5.9	5.4	3.0	4.9	4.6	4.6	4.8	5.6	11.9	12.5	36.8	7.1	492	

DATA PROCESSING DIVISION
 BTAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

59-70

PER OC

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
SEP	00-02														
	03-05	21.1	7.9	8.8	3.5	3.5	1.8	3.3	6.1	7.9	4.4	31.6	3.4	114	
	06-08	9.1	4.7	3.5	6.0	4.7	5.3	5.3	4.7	8.3	10.4	38.0	6.8	93	
	09-11	10.8	6.8	3.5	3.7	4.1	4.0	3.8	5.6	10.7	11.1	35.8	6.7	99	
	12-14	9.9	7.3	2.9	3.7	3.8	4.8	6.2	4.4	10.4	14.4	32.1	6.7	97	
	15-17	11.4	6.3	3.0	5.1	3.4	6.6	5.4	3.9	12.3	10.8	31.8	6.5	92	
	18-20	11.5	8.7	2.7	6.3	5.4	5.7	4.0	4.2	10.7	9.7	30.9	6.2	69	
	21-23										50.0	50.0	9.5	1	
TOTALS		10.3	6.9	3.5	4.0	3.6	4.0	4.0	4.1	8.6	13.8	33.7	6.8	463	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34008
 STATION

SANDHOFEN GERMANY/COLEMAN AAF
 STATION NAME

59-70
 PERIOD

OCT
 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	
OCT	00-02														
	03-05	18.0	5.2	4.1	5.2	4.1		2.1	0.2	5.2	5.2	44.3	6.3	97	
	06-08	9.2	1.9	4.1	3.0	2.0	2.7	2.5	4.0	5.0	7.5	34.6	7.6	960	
	09-11	9.5	3.9	1.8	2.2	2.0	2.5	3.1	2.7	5.7	10.2	55.7	7.7	1022	
	12-14	10.9	3.4	1.9	2.4	3.9	2.6	3.1	3.6	10.1	11.6	46.7	7.4	1003	
	15-17	11.5	3.4	3.0	4.0	3.2	2.6	3.1	3.2	9.6	9.1	46.6	7.2	963	
	18-20	9.7	4.6	4.5	6.1	4.3	4.2	4.3	4.2	0.9	8.0	43.1	6.8	691	
	21-23														
	TOTALS	11.0	3.7	3.2	3.9	3.3	2.4	3.0	4.0	7.0	8.0	48.5	7.2	4746	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF 59-70 NOV
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
NOV	00-02														
	03-05	11.9	1.8	4.6	1.6	.9	.9	2.6	.9	4.6	6.4	63.3	7.8	109	
	06-08	4.7	1.1	2.7	2.9	4.8	2.6	2.8	2.5	4.6	8.3	65.1	6.4	895	
	09-11	3.0	1.5	1.3	2.7	2.1	2.7	2.2	1.5	6.8	9.4	66.9	8.7	975	
	12-14	2.6	1.6	1.2	2.7	1.7	1.9	2.2	3.3	5.9	12.9	64.1	8.7	953	
	15-17	2.9	1.9	.7	1.8	2.5	2.2	2.7	2.7	6.3	13.2	63.3	8.7	912	
	18-20	4.4	3.1	2.1	3.1	2.7	4.3	4.3	2.9	6.9	5.9	60.4	8.1	679	
	21-23				14.3					28.6		57.1	8.4	7	
TOTALS		4.2	1.6	1.8	4.2	1.8	2.1	2.4	2.0	9.1	8.0	62.9	8.4	4530	

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

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF
STATION STATION NAME

59-70

PER CC

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ILST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
DEC	00-02														
	03-05	13.3		1.2	2.4	1.2			3.6	7.2	2.4	68.7	8.1	89	
	06-08	6.7	1.1	1.4	2.2	2.4	1.9	1.8	1.9	4.3	5.5	70.7	8.4	904	
	09-11	4.0	2.4	1.5	2.3	1.4	1.9	1.9	2.4	5.3	9.2	67.0	8.5	990	
	12-14	5.9	3.4	1.7	2.3	2.1	1.4	2.1	2.1	4.8	9.3	64.9	8.3	946	
	15-17	4.4	2.2	1.3	1.7	1.3	1.4	3.1	2.0	4.3	10.5	67.6	8.6	902	
	18-20	6.4	1.7	1.6	3.0	1.6	2.0	2.2	2.5	4.5	5.5	69.0	8.4	690	
	21-23					4.8			4.8			90.5	9.6	21	
	TOTALS	3.9	1.5	1.2	2.0	2.1	1.2	1.6	2.8	4.3	6.1	71.2	8.6	4330	

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

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by 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 DATA NOT AVAILABLE
 - 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 ($\sum X^2$), sum of values ($\sum X$), means (\bar{X}), and standard deviations (σX). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1956; 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 DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34008 SA D-408 GERMAN/CJLEMAN AAF 59-70

ALL

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	TOTAL		
	1	2	3	4	5	6	7	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.			D.P.	R.
98/ 97																																		2	2		
96/ 95																				.0	.0	.0											14	16			
94/ 93																				.0	.0	.0	.0	.0									37	30			
92/ 91																				.0	.0	.0	.0	.0	.0								71	71			
90/ 89																				.0	.0	.0	.0	.0	.0								139	139			
88/ 87																				.0	.0	.0	.0	.0	.0								192	192			
86/ 85																				.0	.0	.0	.0	.0	.0								323	323			
84/ 83																				.0	.0	.0	.0	.0	.0								369	369			
82/ 81																				.0	.0	.0	.0	.0	.0								535	535			
80/ 79																				.0	.0	.0	.0	.0	.0								750	750			
78/ 77																				.0	.0	.0	.0	.0	.0								851	851			
76/ 75																				.0	.0	.0	.0	.0	.0								1108	1108	32		
74/ 73																				.0	.0	.0	.0	.0	.0								1319	1319	92	3	
72/ 71																				.0	.0	.0	.0	.0	.0								1474	1474	274	18	
70/ 69																				.0	.0	.0	.0	.0	.0								1724	1724	498	39	
68/ 67																				.0	.0	.0	.0	.0	.0								2015	2015	1025	122	
66/ 65																				.0	.0	.0	.0	.0	.0								2195	2197	1550	321	
64/ 63																				.0	.0	.0	.0	.0	.0								2374	2378	2143	773	
62/ 61																				.0	.0	.0	.0	.0	.0								2392	2406	2674	1326	
60/ 59																				.0	.0	.0	.0	.0	.0								2447	2460	3097	1814	
58/ 57																				.0	.0	.0	.0	.0	.0								2480	2499	3385	2422	
56/ 55																				.0	.0	.0	.0	.0	.0								2403	2417	3432	2940	
54/ 53																				.0	.0	.0	.0	.0	.0								2143	2153	3203	3254	
52/ 51																				.0	.0	.0	.0	.0	.0								2075	2099	2974	3312	
50/ 49																				.0	.0	.0	.0	.0	.0								2295	2335	2770	3361	
48/ 47																				.0	.0	.0	.0	.0	.0								2365	2390	2638	3135	
46/ 45																				.0	.0	.0	.0	.0	.0								2369	2414	2628	3234	
44/ 43																				.0	.0	.0	.0	.0	.0								2209	2227	2690	2998	
42/ 41																				.0	.0	.0	.0	.0	.0								1993	2028	2334	2933	
40/ 39																				.0	.0	.0	.0	.0	.0								2060	2101	2441	2878	
38/ 37																				.0	.0	.0	.0	.0	.0								2028	2067	2345	2701	
36/ 35																				.0	.0	.0	.0	.0	.0								1861	1895	2399	2831	
34/ 33																				.0	.0	.0	.0	.0	.0								1933	1848	2138	2701	
32/ 31																				.0	.0	.0	.0	.0	.0								1821	1829	1893	2560	
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 (OL A) REVISION 10-64

ATA PROCESSING DIVISION
 SAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SANDHOFEN GERMANY/COLEMAN AFB 59-70

PAGE 2 522

WET BULB TEMPERATURE DEPRESSION																			
DB/	WB/	WBP	WBT	WBS	WBT	WBS	WBT	WBS	WBT	WBS									
30/	29	.5	1.2	.2	.0	.0	.0	.0	907	906	1304	1889							
28/	27	.4	.6	.1	.0	.0	.0	.0	777	776	947	1450							
26/	25	.3	.6	.1	.0	.0	.0	.0	518	516	667	1062							
24/	23	.2	.5	.0	.0	.0	.0	.0	439	439	463	939							
22/	21	.2	.3	.0	.0	.0	.0	.0	278	278	394	617							
20/	19	.2	.2	.0	.0	.0	.0	.0	218	219	243	479							
18/	17	.1	.2	.0	.0	.0	.0	.0	153	153	183	385							
16/	15	.1	.1	.0	.0	.0	.0	.0	114	116	128	262							
14/	13	.1	.1	.0	.0	.0	.0	.0	102	102	126	274							
12/	11	.1	.1	.0	.0	.0	.0	.0	77	72	76	135							
10/	9	.1	.0	.0	.0	.0	.0	.0	54	54	62	124							
8/	7	.0	.0	.0	.0	.0	.0	.0	28	26	32	94							
6/	5	.0	.0	.0	.0	.0	.0	.0	16	19	22	45							
4/	3	.0	.0	.0	.0	.0	.0	.0	5	5	9	17							
2/	1	.0	.0	.0	.0	.0	.0	.0	3	3	3	25							
C/	-1	.0	.0	.0	.0	.0	.0	.0	1	1	1	16							
-2/	-3	.0	.0	.0	.0	.0	.0	.0				5							
-4/	-5	.0	.0	.0	.0	.0	.0	.0				1							
-6/	-9	.0	.0	.0	.0	.0	.0	.0				4							
TOTAL		6.429	6.212	1.212	7	6.6	6.9	5.2	4.0	2.4	1.9	.8	.4	.1	.0	.0	53514	53889	53514

USAFETAC FORM 0 26 5 (01-A) REVISION 10-64 (10-64)

Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs	Mean No. of Hours with Temperature						
						0-32 F	32-67 F	67-91 F	91-115 F	115-140 F	Total	
Rel. Hum.	294968624	3893620	72217149	33314							7.6	476
Dry Bulb	162943222	2841722	32813460	33889		2.849	6.170	0.0	9.22	0.331	7.6	476
Wet Bulb	129534409	2548233	47812236	33314		2.113	3.110	0.0	2.14			476
Dew Point	106704921	2306213	43111770	33314		4.017	6.2	29.7				476

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

3400A SA DUPER DEPT/AV/OLE A MAP 00-70

JAN

PAGE 1 ALL

		WET BULB TEMPERATURE DEPRESSION (F)				TOTAL					TOTAL		
		0.0	0.1	0.2	0.3	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7
30/ 57						4							4
30/ 55						5							5
34/ 53						9							9
32/ 51						30							30
30/ 49						90							90
48/ 47						18							18
46/ 45						21							21
44/ 43						29							29
42/ 41						32							32
40/ 39						26							26
38/ 37						31							31
36/ 35						33							33
34/ 33						44							44
32/ 31						35							35
30/ 29						27							27
28/ 27						22							22
26/ 25						21							21
24/ 23						17							17
22/ 21						12							12
20/ 19						6							6
18/ 17						6							6
16/ 15						5							5
14/ 13						5							5
12/ 11						4							4
10/ 9						2							2
8/ 7						1							1
6/ 5						1							1
4/ 3						1							1
2/ 1						1							1
0/ 0						1							1
-2/ -1													
-4/ -3													
-6/ -5													
-8/ -7													

Element	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature					Total	
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F		+ 93 F
W. H. ...												
D. B. ...												
W. B. ...												
D. P. ...												

USAF/ETAC FORM 3165 2-65

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34063 SA DODDEN GERNALY/CYLE AN HAF 69-72

PAGE 2 111

Temp	WET BULB TEMPERATURE DEPRESSION F																																TOTAL	
	1	2	3	4	5	6	7	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, DP, B, W, H, I, P	TOTAL
TOTAL	16.9	99.6	19.5	3.6	.5	.0																											4274	4274
Element X	Σx^2	Σx	\bar{x}	s_x	No. Obs	Mean No. of Hours with Temperature						Total																						
Re. Hum	29909879	294986	92.1	9.97	4274	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	744																						
D. Bulb	2290809	144947	32.9	9.18	4274	.2	22.6					744																						
Wet Bulb	4751569	137559	32.2	8.71	4274	.2	25.7					744																						
Dew Point	400288	124568	29.1	9.42	4274	2.2	439.2					744																						

USAFETAC Form 0-26-5 (Rev. 4-69) (Replaces AFM 7-10-68)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR SEATER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34058 SL L CPB GERMANY/COLEMAN AAF

60-72

FEB

PAGE 1 ALL

		WET BULB TEMPERATURE DEPRESSION, F.																															TOTAL		TOTAL		
		1	2	3	4	5	6	7	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.	Db	R.
64/	63																																				1
62/	61																	.1	.1																	.1	
60/	59																	.2	.2	.1	.1															.2	
58/	57																	.1	.3	.1	.1															.2	
56/	55																	.2	.2	.2																	.3
54/	53					.1												.3	.5	.3																	.4
52/	51		.1	.2	1.4	1.3												.5	.1																		.3
50/	49		1.0	1.4	1.4	1.3												.3	.3																		.3
48/	47		1.8	2.1	2.1	1.4												.3	.1																		.3
46/	45		2.1	2.1	1.4	1.4												.3	.1																		.3
44/	43	.4	3.4	2.2	2.4	1.8												.2																			.4
42/	41	.4	4.0	2.4	2.4	1.9												.1		.1	.1																.4
40/	39	.5	4.4	3.2	3.2	1.9												.3		.1																	.5
38/	37	.6	5.4	2.6	2.6	1.1												.2																			.6
36/	35	1.3	5.1	2.5	2.5	.7												.1		.1																	1.3
34/	33	1.1	4.2	2.1	2.1	.4												.2																			1.1
32/	31	.9	4.4	2.1	2.1	.2												.2		.0																	.9
30/	29	1.0	3.3	.9	.9	.1												.1																			1.0
28/	27	1.4	2.2	.0	.0	.0												.0																			1.4
26/	25	.7	1.4	.3	.3	.0												.0																			.7
24/	23	.3	1.1	.1	.1	.0												.0																			.3
22/	21	.3	.7	.1	.1	.0												.0																			.3
20/	19	.4	.8	.1	.1	.0												.0																			.4
18/	17	.3	.3	.1	.1	.0												.0																			.3
16/	15	.3	.1	.1	.1	.0												.0																			.3
14/	13	.2	.2	.1	.1	.0												.0																			.2
12/	11	.4	.1	.1	.1	.0												.0																			.4
10/	9	.4	.2	.1	.1	.0												.0																			.4
8/	7	.2	.1	.1	.1	.0												.0																			.2
6/	5	.1	.1	.1	.1	.0												.0																			.1
4/	3		.1	.1	.1	.0												.0																			.1
2/	1		.1	.1	.1	.0												.0																			.1
0/	0		.1	.1	.1	.0												.0																			.1

Element	X	ΣX	ΣX ²	\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.													
Dry Bulb													
Wet Bulb													
Dew Point													

USAFETAC Form 54 0 26 5 (Rev. A) Report Form to be filled out by the user.

DATA PROCESSING 11/15/11
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34058 SA LOUPEL GERMEY/COLEMAN AAF 00-70

FEB

PAGE 2

ALL

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. - W.B.	Wet B. - Dew P.		
TOTAL	11.746	62.6	11.0	3.5	.8	.3	.1																											3735	3891	3735
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	23902753	294715	78.9	3.172	3735	≤ 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																								
Dry Bulb	5902461	147453	37.9	8.992	3735		156.7					672																								
Wet Bulb	4885302	131582	33.2	8.396	3735		237.0					672																								
Dew Point	3983621	117397	31.4	7.866	3735	.7	338.8					672																								

USAFETAC FORM 0-26.5 (OLA) 0-26.5 (OLA) REVISION 10-15-10 (10/15/10)

1

ATA PROFESSIONAL SERVICES
 SAF ETAC
 AIR WEATHER SERVICES AC

PSYCHROMETRIC SUMMARY

34063 SA D LFB DEERLEY/CLEA GEF 90-70

PAGE 1 ALL

DB/ WB	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	1	2	3	4	5	6	7	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	
80/ 79																																		1	1
78/ 77																																		5	5
76/ 75																																		7	7
74/ 73																																		8	8
72/ 71																																		9	9
70/ 69																																		14	14
68/ 67																																		14	16
66/ 65																																		14	16
64/ 63																																		15	16
62/ 61																																		41	46
60/ 59																																		53	58
58/ 57																																		94	96
56/ 55																																		13	141
54/ 53																																		21	207
52/ 51																																		29	307
50/ 49																																		35	389
48/ 47																																		39	409
46/ 45																																		47	485
44/ 43																																		41	426
42/ 41																																		36	379
40/ 39																																		31	342
38/ 37																																		27	281
36/ 35																																		22	235
34/ 33																																		22	228
32/ 31																																		14	146
30/ 29																																		11	116
28/ 27																																		7	73
26/ 25																																		5	55
24/ 23																																		2	29
22/ 21																																		1	12
20/ 19																																		7	7
18/ 17																																		4	4
16/ 15																																		4	4
14/ 13																																		2	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) 1 JUL 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

3406A SAUCIER GREENA/COLETAF 14F 60-70

PAGE 2 44

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.	D.B. W.B.														
12/ 11																																	
10/ 9																																	
8/ 7																																	
TOTAL	4,229	329	515	51	2	5.3	1.4	1.1	.2	.1							4371	4371															

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.	2352760	313750	71.8	15.201	4371							744
Dry Bulb	9067754	199272	42.8	8.051	4350		72.9	7.0	2.1			744
Wet Bulb	781461	173193	39.6	7.079	4371		120.7					744
Dew Point	5467206	150978	34.5	7.598	4371		259.0					744

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406P SA OBERG GERMANY/CWLETA AFB 60-7

PAGE 1 ALL

Time (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 Pt.				
88/87																																			5			
86/85																																			3			
84/83																																			6			
82/81																																			11	11		
80/79																																			13	13		
78/77																																			22	22		
76/75																																			40	40		
74/73																																			60	60		
72/71																																			71	71		
70/69																																			93	93		
68/67																																			113	113		
66/65																																			129	129		
64/63																																			167	167		
62/61																																			224	224		
60/59																																			241	241		
58/57																																			312	312		
56/55																																			334	334		
54/53																																			349	349		
52/51																																			357	357		
50/49																																			407	407		
48/47																																			358	358		
46/45																																			359	359		
44/43																																			295	295		
42/41																																			209	209		
40/39																																			137	137		
38/37																																			83	83		
36/35																																			46	46		
34/33																																			25	25		
32/31																																			10	10		
30/29																																			7	7		
28/27																																			1	1		
26/25																																						
24/23																																						
22/21																																						
Element (X)	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																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS EDWARDS AIR FORCE BASE TEXAS

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068
STATION NO.

SALZBUREN, GERMANY/COLE AB AAF

60-70
YEARS

328
MONTHS

PAGE 2 ALL

Temp.		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL			TOTAL			
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL		1.5	19.1	23.0	18.0	21.2	21.1	9.1	7.0	4.1	2.5	1.5	.7	.3	.0																			4495		4495		4495
		[Empty grid]																																				
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	21184052	298528	66.41	7.292	4495	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																											
Dry Bulb	12146788	239274	53.2	9.551	4495		2.9	71.3	26.9	5.1		720																										
Wet Bulb	10186848	211870	47.1	6.678	4495		6.7	.8				720																										
Dew Point	7862227	185379	41.2	6.949	4495		84.7					720																										

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34009 SA DDPFB GERMAN V/OLEAL HAF 60-71

PAGE 1 ALL

Time M	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	1	2	3	4	5	6	7	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.	D.B. W.B.				
92/ 91																																		3	3		
90/ 89																																		4	4		
88/ 87																																		7	7		
86/ 85																																		13	13		
84/ 83																																		44	44		
82/ 81																																		43	46		
80/ 79																																		58	46		
78/ 77																																		57	37		
76/ 75																																		133	108		
74/ 73																																		131	131		
72/ 71																																		165	165		1
70/ 69																																		203	203		10
68/ 67																																		256	256		10
66/ 65																																		276	276		74
64/ 63																																		378	378		172
62/ 61																																		357	357		239
60/ 59																																		412	412		304
58/ 57																																		452	453		447
56/ 55																																		424	424		559
54/ 53																																		334	334		620
52/ 51																																		262	262		640
50/ 49																																		219	219		541
48/ 47																																		137	137		383
46/ 45																																		80	80		260
44/ 43																																		46	46		135
42/ 41																																		15	15		74
40/ 39																																		18	18		38
38/ 37																																		5	5		19
36/ 35																																		1	1		6
34/ 33																																		1	1		2
32/ 31																																		1	1		1
30/ 29																																					
28/ 27																																					
26/ 25																																					
Element (X)	Σx	Σx^2	\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																																					
Wet Bulb																																					
Dew Point																																					

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

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SA DIEREN GERMAN Y/COLETAL RAF 60-70

AY

PAGE 2

266

TOTAL	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																			
	1	2	3	4	5	6	7	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	WB-WB	DB-WB	WB-WB																																		
2.9	1.3	4.1	7.3	15.9	14.0	12.9	9.3	6.7	4.4	2.6	1.5	1.1																										4568		4568																													

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.	19672835	288747	62.2	17.639	4568							
Dry Bulb	17278594	277894	60.8	9.036	4568		.2	155.8	13.9	24.9		744
Wet Bulb	13095637	243163	53.2	5.762	4568		.2	6.2				744
Dew Point	10237338	214878	47.0	6.253	4568		11.2					744

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

DATA PROCESSING DIVISION
 USAF ETAG
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34000 SA 1 0800Z 0605 V/0800 40 10AF
CONTINUED

60-70

PAGE 1

LL

Temp		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
F	C	0	1	2	3	4	5	6	7	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.	D.B. W.B.	Wet-B.	Dry-B.		
94/93																																				4	4		
92/91																																				3	3		
90/89																																				31	31		
88/87																																				34	36		
86/85																																				70	70		
84/83																																				63	49		
82/81																																				137	137		
80/79																																				193	193		
76/77																																				223	223		
76/75																																				237	237		
74/73																																				272	272		2
72/71																																				311	311		44
70/69																																				313	313		92
68/67																																				331	331		235
66/65																																				363	353		355
64/63																																				321	321		468
62/61																																				322	322		583
60/59																																				295	295		519
58/57																																				295	295		531
56/55																																				190	190		489
54/53																																				164	164		316
52/51																																				97	92		277
50/49																																				43	43		198
48/47																																				29	29		101
46/45																																				19	15		60
44/43																																				4	4		25
42/41																																				3	3		9
40/39																																				2	2		3
38/37																																						3	
36/35																																							
34/33																																							
32/31																																							
30/29																																							
28/27																																							
Element (X)		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																										
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 0-20-5 (O.L.A.) JUL 64 REVISIONS FORBIDDEN BY THE AIR AND ARS ACTS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ ALC

PSYCHROMETRIC SUMMARY

3400E SA DWP DEFENDANT/COLEMAN ABF

60-70

000

Temp F	WET BULB TEMPERATURE DEPRESSION (P)																															TOTAL		TOTAL						
	1	2	3	4	5	6	7	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	Dry Bulb	Wet Bulb				
98/ 97																																		2	2					
96/ 95																																		2	7					
94/ 93																																		15	15					
92/ 91																																		31	31					
90/ 89																																		67	67					
88/ 87																																		35	35					
86/ 85																																		133	133					
84/ 83																																		122	122					
82/ 81																																		167	167					
80/ 79																																		224	224					
78/ 77																																		192	192		5			
76/ 75																																		239	239		25			
74/ 73																																		297	297		44			
72/ 71																																		284	286	12	16			
70/ 69																																		311	311	169	32			
68/ 67																																			339	339	314	60		
66/ 65																																			354	395	427	84		
64/ 63																																			374	374	447	213		
62/ 61																																			352	352	527	327		
60/ 59																																			261	281	667	419		
58/ 57																																			201	201	594	550		
56/ 55																																			152	152	430	606		
54/ 53																																			72	72	312	599		
52/ 51																																			24	24	193	465		
50/ 49																																			19	19	75	393		
48/ 47																																			8	8	24	253		
46/ 45																																			1	1		197		
44/ 43																																						1	113	
42/ 41																																							66	
40/ 39																																							13	
TOTAL																																						4401	4401	4401

USAFETAC FORM 0 26-5 (C. A) (11-70) PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSOR
 USAF ETAC
 AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

34064 540 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.						< 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Dry Bulb	18707397	291923	62.9	8.527	4600			243.8	100.7	16.8		720
Wet Bulb	14909881	260599	56.6	5.710	4600			21.9	1.0			720
Dew Point	1264613	239626	52.1	3.957	4600		1.8	1.0				720

NET BULB TEMPERATURE DEPRESSION (F)	TOTAL	PERCENT
89/ 87	0	0
86/ 85	1	0.02
84/ 83	1	0.02
82/ 81	1	0.02
80/ 79	1	0.02
78/ 77	1	0.02
76/ 75	1	0.02
74/ 73	1	0.02
72/ 71	1	0.02
70/ 69	1	0.02
68/ 67	1	0.02
66/ 65	1	0.02
64/ 63	1	0.02
62/ 61	1	0.02
60/ 59	1	0.02
58/ 57	1	0.02
56/ 55	1	0.02
54/ 53	1	0.02
52/ 51	1	0.02
50/ 49	1	0.02
48/ 47	1	0.02
46/ 45	1	0.02
44/ 43	1	0.02
42/ 41	1	0.02
40/ 39	1	0.02
38/ 37	1	0.02
36/ 35	1	0.02
34/ 33	1	0.02
32/ 31	1	0.02
TOTAL	4600	100

USAFETAC Form 0 265 (OL A) 10-64

470 PROCEEDS OF
 USAF ETAF
 AIR ENGINEERING CENTER

PSYCHROMETRIC SUMMARY

34008 SA 2 1951 767 V/C WE A HUF 59-71

PAGE 1 111

DB	WB	WET BULB TEMPERATURE DEPRESSION F																															TOTAL					
		1	2	3	4	5	6	7	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 B.	Total			
84/83																																				2	2	
82/81																																				1	1	
80/79																																				4	6	
78/77																																				1	6	
76/75												.1	.1	.1																					4	15		
74/73												.2	.2	.2																					32	32		
72/71												.3	.3	.3																					62	62		
70/69												.4	.4	.4																					86	66		
68/67												.5	.5	.5																					106	66		
66/65												.6	.6	.6																					177	176	7	
64/63		.1	.1	.1								.7	.7	.7																					224	226	20	
62/61		.2	.2	.2	.1	.1						.8	.8	.8																					242	242	121	
60/59		.3	.3	.3	.2	.2	.1					.9	.9	.9																					317	317	251	
58/57		.4	.4	.4	.3	.3	.2	.1				1.0	1.0	1.0																					417	417	356	
56/55		.5	.5	.5	.4	.4	.3	.2	.1			1.1	1.1	1.1																					464	466	401	
54/53		.6	.6	.6	.5	.5	.4	.3	.2	.1		1.2	1.2	1.2																					454	463	427	
52/51		.7	.7	.7	.6	.6	.5	.4	.3	.2	.1	1.3	1.3	1.3																					357	362	309	
50/49		.8	.8	.8	.7	.7	.6	.5	.4	.3	.2	1.4	1.4	1.4																					363	368	463	
48/47		.9	.9	.9	.8	.8	.7	.6	.5	.4	.3	1.5	1.5	1.5																					334	344	547	
46/45		1.0	1.0	1.0	.9	.9	.8	.7	.6	.5	.4	1.6	1.6	1.6																					354	356	524	
44/43		1.1	1.1	1.1	1.0	1.0	.9	.8	.7	.6	.5	1.7	1.7	1.7																					354	356	524	
42/41		1.2	1.2	1.2	1.1	1.1	1.0	.9	.8	.7	.6	1.8	1.8	1.8																						354	356	524
40/39		1.3	1.3	1.3	1.2	1.2	1.1	1.0	.9	.8	.7	1.9	1.9	1.9																						354	356	524
38/37		1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.0	.9	.8	2.0	2.0	2.0																						92	92	167
36/35		1.5	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.0	.9	2.1	2.1	2.1																						47	47	72
34/33		1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	2.2	2.2	2.2																						33	33	47
32/31		1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.1	2.3	2.3	2.3																						14	16	16
30/29		1.8	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	2.4	2.4	2.4																						11	11	11
28/27		1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	2.5	2.5	2.5																						2	2	3
26/25		2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	2.6	2.6	2.6																								
TOTAL		9.4	8.2	1.2	3.5	1.6	6.0	9.6	3.3	2.3	.7	.9	.1	.1																					4749	4749	4749	

Element	X	Zx	Zy	X̄	ȳ	No. Obs.	Mean No. of Hours with Temperature					Total	
							+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	31.159929	372129	78.41	4.312		4749							
Dry Bulb	1808018	293604	53.4	6.337		4749		4.3	46.8	9.9	.8		744
Wet Bulb	1184000	229404	49.6	6.764		4749		5.3	1.1				744
Dew Point	1089048	219846	46.2	6.699		4749		13.2					744

USAFETAC FORM 0-26.5 (O.L.A) REVISION 10-50
 JUL 54

1

ATL BR 0551
 SAF 572
 AIR EAT 1000

PSYCHROMETRIC SUMMARY

34008 511 FB 0551 Y/ 05-7

		WET BULB TEMPERATURE DEPRESSION (F)										TOTAL	
		0	1	2	3	4	5	6	7	8	9	Count	Hours
72/ 71												2	2
70/ 69												1	1
68/ 67												1	1
66/ 65												1	1
64/ 63												1	1
62/ 61												1	1
60/ 59												1	1
58/ 57												1	1
56/ 55												1	1
54/ 53												1	1
52/ 51												1	1
50/ 49												1	1
48/ 47												1	1
46/ 45												1	1
44/ 43												1	1
42/ 41												1	1
40/ 39												1	1
38/ 37												1	1
36/ 35												1	1
34/ 33												1	1
32/ 31												1	1
30/ 29												1	1
28/ 27												1	1
26/ 25												1	1
24/ 23												1	1
22/ 21												1	1
20/ 19												1	1
18/ 17												1	1
TOTAL												4534	4534

Element	Σx	Σx²	x̄	s²	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	< 32 F	< 67 F	< 73 F	> 80 F		> 93 F
Rel. Hum.	7104240	372759	22.21	0.877	4534							
Wet Bulb	8141940	154841	49.21	7.773	4534		57.2	1.1				720
Dew Point	7132835	133575	40.5	0.645	4534		68.9					720
Dew Point	622140	170740	37.7	0.359	4534		118.5					720

USAFETAC Form 0-265 (Rev. 1-54)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

34058 SA DREIFEN GERMANY/COLEMAN AAF

64

PAGE 1 0000-0200

Element (X)	Σ X ²	Σ X	X̄	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.	4664	92	92.0		1							
Dry Bulb	784	28	28.0		1		93.0					93
Wet Bulb	729	27	27.0		1		93.0					93
Dew Point	676	26	26.0		1		93.0					93

USAFETAC FORM 0.26.5 (01. A) JUL 64 REVISION 10-63-64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/DAC

PSYCHROMETRIC SUMMARY

34068 SA DUEBY GERMANY/COLEMAN AAF
STATION NAME

62-65

JAN
MONTH

PAGE 1 1300-0500

T _{DB} F	T _{WB} 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.	D.B. - W.B.	Wet B.	D.B. - W.B.													
48/47		2.2	1.1																													2	3			
46/45		1.1	2.2																													3	3	2	1	
44/43		1.1	4.4																												5	5	2	2		
42/41		1.1	1.1																												2	2	5			
40/39		3.3	1.1																												4	4	3	2		
38/37	2.2	4.4																												4	6	7	7			
36/35	2.2	4.4																												5	6	4	5			
34/33	4.4	7.7																												11	11	9	9			
32/31	3.3	5.5	1.1																											9	9	10	9			
30/29	3.3	5.5																												9	9	10	9			
28/27		3.3																												2	3	1	10			
26/25	4.4	1.1																												2	3	2	6			
24/23	3.3	2.2	1.1																											5	5	4	3			
22/21	1.1	3.3																												4	4	2	4			
20/19		2.2																												2	2	5	5			
18/17	1.1	2.2																												3	3	3	1			
16/15	1.1																													1	1	2	4			
14/13	1.1	1.1																												2	2	2	2			
12/11	2.2																													2	2	2	2			
10/9	1.1	2.2																												3	3	3	2			
8/7																																	2	2		
6/5	2.2																														2	2	2	1		
4/3																																		3	3	
2/1																																			1	
0/-1	1.1																														1	1	1	1		
-4/-5																																			1	
TOTAL		34.1	53.6	12.1																															91	
																																			91	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	681930	7840	80.2	8.488	91	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	89943	2699	29.7	10.434	91	1.0	52.1					93
Wet Bulb	82944	2596	28.8	9.937	91	1.0	57.2					93
Dew Point	71470	2360	25.9	10.650	91	1.0	63.4					93

USAFETAC FORM 0.26.5 (OL A) JUL 64 REVISION 10-1-60 (EQUATION) 1. THIS IS AN AIR WEATHER SERVICE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SANDHOFFEN GERMANY/COLEMAN AAF 60-70

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dep. Point	
50/49			.3	.4																														4	4			
48/47			2.1	1.5	.3																													34	34	5	1	
46/45			2.2	1.3	.2																													37	32	21	4	
44/43	.7		2.2	2.3	.3																													48	48	42	22	
42/41			4.7	1.1																														50	50	43	29	
40/39	.3		4.3	1.8																														57	57	66	33	
38/37	.9		7.2	.6																														74	76	69	47	
36/35	1.3		6.5	.5																														77	72	60	81	
34/33	3.2		5.4	.2																														77	77	97	95	
32/31	4.7		4.6	.2																														83	83	81	105	
30/29	4.2		2.7																															61	61	77	56	
28/27	2.3		2.2	.1																														40	40	38	52	
26/25	1.8		3.0	.2																														44	44	47	31	
24/23	1.9		3.2																															45	45	43	43	
22/21	1.5		2.5																															35	35	34	43	
20/19	.9		1.0																															17	18	24	28	
18/17	1.0		1.5																															22	22	19	24	
16/15	.6		.8																															12	12	10	29	
14/13	1.6		.8																															23	23	24	17	
12/11	.7		1.0																															15	15	12	13	
10/9	.6		.7																															11	11	11	21	
8/7	.7		.2																															8	8	13	7	
6/5	.8		.1																															2	2	2	9	
4/3	.2																																	2	2	2	15	
2/1	.2																																	2	2	2	7	
0/-1																																					10	1
-2/-3																																					1	1
-8/-9																																					1	1
TOTAL	30	359.0	9.6	.9																														878	879	878	878	

USAFETAC FORM 0265 (OL-A) REVISION PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE JUL 64

Element (X)	Σx^2	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.	6495763	76221	86.9	8.273	878							93
Dry Bulb	962002	27726	31.6	9.944	878		45.4					93
Wet Bulb	890101	26703	30.4	9.429	878		48.2					93
Dew Point	784954	24618	28.0	10.169	878	1.3	57.4					93

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SAND-UFEN GERMANY/COLEMAN AAF 60-70

JAN

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry B.	Wet Bulb	Dew P.			
54/53				.1																															1	1			
52/51				.2																															4	4			
50/49			1.1						.1																									14	14	1			
48/47			1.2					.1																										37	32	14	2		
46/45			1.6					.4																										33	33	17	15		
44/43		.2	2.8					.7																										47	47	35	16		
42/41		.3	5.8					.7																										63	63	63	27		
40/39		.1	4.5					2.2																										62	62	74	50		
38/37		.5	5.7					1.8		.1																								74	74	79	67		
36/35		.5	5.8					.4																										62	62	68	66		
34/33		2.3	6.5					.4																										85	85	97	91		
32/31		2.2	5.1					.9																										71	70	85	95		
30/29		2.4	4.3					.2																										63	63	68	92		
28/27		1.9	4.5					.2																										62	60	62	59		
26/25		2.1	3.0					.2																										48	48	58	36		
24/23		.9	3.3																															38	28	35	68		
22/21		1.1	2.3																															31	31	34	35		
20/19		.9	1.2					.1																										20	20	26	30		
18/17		.3	1.2					.1																										15	15	16	30		
16/15		.9	1.2																															19	19	18	18		
14/13		.9	.3																															15	15	20	16		
12/11		.5	1.3																															17	17	14	19		
10/9		.3	.5																															8	8	14	17		
8/7		.1	.3																															4	4	2	12		
6/5		.5																																4	5	7	7		
4/3		.2	.1																															2	2	2	15		
2/1		.1																																1	1	1	8		
0/0		.1																																			2	3	
2/0																																						3	3
TOTAL		19.4	64.2	14.4		2.0																													914	914	914	914	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.	6618914	77268	84.6	8.724	914							
Dry Bulb	1033992	29736	32.5	9.737	914		42.4					93
Wet Bulb	958596	28296	31.1	9.147	914		47.2					93
Dew Point	821291	25881	28.3	9.844	914	.9	57.0					93

USAFETAC FORM 0-26.5 (OL A) JAN 68 REVISION 10-68

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406R SANDTUFEN GERMANY/COLEMAN AAF 60-70

04

PAGE 1 1200-1400

Temp		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL					TOTAL		
F	C	0	1	2	3	4	5	6	7	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	TR	WB - DB	DR - TR	
58	57																																				1	1		
56	55																				.2															2	2			
54	53																			.6																4	0			
52	51				.1	.6														.1																11	11			
50	49			.1	.7	2.7														.1																24	26		3	
48	47			1.1	3.1	1.6														.1																	27	27		22
46	45			2.7	2.8	1.5														.1																	67	43		47
44	43			4.3	3.9	.4																															71	71		56
42	41			3.5	3.9	1.0																															75	75		73
40	39			3.3	1.5	.2																															44	44		72
38	37		.2	4.4	1.9	.6																															63	43		62
36	35		.8	4.6	2.6																																71	71		70
34	33		1.1	6.6	1.6																																83	83		84
32	31		2.1	5.8	.6					.1																											77	77		101
30	29		.8	4.5	1.1		.1																														52	46		63
28	27		.7	2.9	1.2																																43	43		47
26	25		1.1	1.8	1.1																																36	36		47
24	23		.1	3.0	.4																																32	32		26
22	21		.7	1.5																																	19	19		36
20	19		.3	2.2	.1																																24	24		25
18	17			1.5	.1																																14	14		21
16	15			1.1																																	10	10		11
14	13			.4																																	4	4		8
12	11		.4	.1																																	5	5		6
10	9		.1																																		1	1		2
8	7																																							
6	5																																							
4	3																																							
2	1																																							
TOTAL		8.5	56.2	27.9	6.1	1.1	.2																														890	890		890

Element (X)	$\Sigma x'$	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	3782936	71128	79.910	24	890							93
Dry Bulb	1194829	31629	35.5	8.941	890		32.8					93
Wet Bulb	150148	29684	33.4	8.222	890		41.1					93
Dew Point	860606	26482	29.8	9.039	890		52.9					93

USAF ETAC FORM 0-26.5 (OL A) REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34005 SANDUSKY GERMANY/COLEMAN AFB 60-70

14

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt.				
58/57																																			3	3				
56/55																																			2	2				
54/53																																			1	1				
52/51																																			13	13				
50/49																																			30	30	7	1		
48/47																																			44	46	24	4		
46/45																																			47	47	34	17		
44/43																																			76	76	56	23		
42/41																																			67	67	62	45		
40/39																																			54	54	83	59		
38/37																																			51	51	61	50		
36/35																																			55	55	74	90		
34/33																																			100	100	84	93		
32/31																																			57	57	112	93		
30/29																																			44	45	47	84		
28/27																																			27	37	35	63		
26/25																																			51	51	49	29		
24/23																																			23	23	42	50		
22/21																																			21	21	25	30		
20/19																																			20	20	15	15		
18/17																																			2	6	19	30		
16/15																																			7	7	11	30		
14/13																																			2	2	5	13		
12/11																																			2	2	2	12		
10/9																																			2	2	2	16		
8/7																																					10			
6/5																																					3			
4/3																																					1			
TOTAL																																					551	551	851	851

Element (X)	$\Sigma X'$	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.	2546697	68079	60.010	8.871	851							
Dry Bulb	1157963	30513	35.9	8.644	851		30.1					93
Wet Bulb	1019509	28661	33.7	7.987	851		39.8					93
Dew Point	637543	25601	30.1	8.903	851	.1	52.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

14008 SAUERBREN GERMANY/CLEMAN AAF 01-71

PAGE 1 1701-2000

Time	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL	TOTAL	TOTAL								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					31							
50/55									.2																											1	1						
54/53								.2																												1	1						
52/51					.4		.2																														2	2					
50/49		1.3	1.0	1.1																																	2	2					
48/47		1.4	1.0	.2																																	2	2					
46/45		3.0	2.1																																		3	3					
44/43		4.1	3.2	.0	.2																																	5	5				
42/41	.5	2.9	3.7	.5																																		4	4				
40/39	.5	4.4	1.7	.2																																		4	4				
38/37	.5	6.5	.3																																			4	4				
36/35	.8	5.4	.0																																			4	4				
34/33	2.2	5.5	1.7																																			4	4				
32/31	3.0	6.2	.2																																			5	5				
30/29	1.0	4.6	.0																																			5	5				
28/27	1.0	3.8	.0																																			5	5				
26/25	1.1	3.3	.2																																			2	2				
24/23	1.0	3.7	.5																																			3	3				
22/21	1.0	1.1																																				1	1				
20/19		1.0																																				4	4				
18/17	.5	.6																																				7	7				
16/15	.3	.2																																				3	3				
14/13	.5	.5																																				4	4				
12/11	.2	.5																																			4	4					
10/9																																											
8/7	.2																																					1	1				
6/5																																											
TOTAL	14.0	64.3	18.9	2.7	.5																																		630	630	43	630	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						< 50 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	444349	22586	35.7	9.279	630		34.4					93
Wet Bulb	731151	20911	33.2	7.677	630		41.5					93
Dew Point	620551	19079	30.3	8.249	630		53.1					93

USAFETAC FORM 0 26 5 (OL A) REVISD PER ADDITION OF WET BULB TEMPERATURE JUL 64

DATA PROCESSING DIVISION
 USAF ETAG
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SA LORRE BERNARD/CELESTAL AAF 61

PAGE 1 2100-2300

		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
		1	2	3	4	5	6	7	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.	D.B. - B.	Wet-B.	Dew-P.							
42/	41																																		1	1							
40/	39																																		2	2							
38/	37	5.3																																2	3	*							
36/	35																																					1	4				
34/	33																																						1	2			
32/	31																																						1	2			
30/	29																																						2	2			
28/	27																																						2	2			
26/	25																																						3	3			
24/	23	5.3																																					1	1			
22/	21		5.3																																				2	2			
20/	19																																						1	1			
18/	17																																							1	1		
16/	15																																							1	1		
14/	13																																							1	1		
12/	11																																							1	1		
TOTAL		10.5	78.9	10.5																																				19	19	19	19

Element	Σx^2	Σx	\bar{x}	s^2	No. Obs	Mean No. of Hours with Temperature					Total	
						< 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	131082	1572	82.7	7.527	19							
Dry Bulb	20269	611	32.2	5.871	19		48.9					93
Wet Bulb	13393	581	30.6	5.900	19		58.7					93
Dew Point	15157	521	27.4	6.953	19		63.6					93

USAFETAC FORM 0265 1-64 (Rev. 10-63)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

34068 SA U LFEN GERMANY/COLEMAN AAF

62-45

Feb

PAGE 1 1300-0500

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB	WB	D. B.	WB	D. B.	DB				
44/43		4.9																4	4	4			1				
42/41		4.9	1.2															4	5	1			3				
40/39	3.7	3.7	1.2															7	7	7			6				
38/37			7.3															4	6	4			3				
36/35	3.7	2.4																4	5	3			5				
34/33	1.2	2.4																3	3	3			9				
32/31	2.4	6.1	1.2															4	8	7			5				
30/29	2.4	8.5	1.2															1	10	7			4				
28/27	3.7	6.5																1	10	13			9				
26/25		6.1																4	5	6			5				
24/23	1.2	1.2																2	2	2			10				
22/21	2.4	1.2																3	3	4			5				
20/19	1.2	3.7																4	4	2			3				
18/17	1.2																	1	1	3			1				
16/15	1.2																	1	1	1			5				
14/13		1.2																1	1	1			2				
12/11	1.2																	1	1	1			1				
10/9	3.7	1.2																4	4	4			4				
8/7	1.2																	1	1	1			1				
6/5	1.2																	1	1	1			1				
4/3																							2				
2/1																							1				
TOTAL	31.7	63.4	4.9															62		62			62				

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	626364	7144	87.1	6.996	82							
Dry Bulb	78236	2414	29.4	9.409	82		52.3					84
Wet Bulb	73240	2336	28.5	9.090	82		52.3					84
Dew Point	63551	2135	26.0	9.918	82		50.4					84

USAFETAC FORM 0-26-5 (O-L-A) REVISION 1-65 (REPLACES FORM 0-26-5 JUL 54)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406R SAND DEER, ARIZONA/COLETA AAF 60-70

PAGE 1 06/07/60

T _D F	WET BULB TEMPERATURE DEPRESSION - F																															TOTAL				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	TOTAL	TOTAL		
56/ 55			.1	.7																												4	6			
54/ 53		.3	.3	.3																																
52/ 51		.3	.3	.3	.1	.1																														
50/ 49		.3	.3	.3	.3	.3																														
48/ 47			1.7	2.4	.3																															
46/ 45				2.4	.3	.3																														
44/ 43	.7		4.3	.3	.3	.3																														
42/ 41	.3		3.2	.3	.3	.3	.1																													
40/ 39	1.3		4.4	2.1	.3																															
38/ 37	1.3		7.3	.3	.3																															
36/ 35	2.7		5.2	.3	.3																															
34/ 33	1.5		5.3	.3	.3																															
32/ 31	2.4		5.7	.3	.3																															
30/ 29	2.3		4.5	.3	.3																															
28/ 27	3.6		4.5	1.1	.3																															
26/ 25	1.9		2.3	.3	.3																															
24/ 23	.7		2.4	.3	.3																															
22/ 21	1.1		1.5		.3																															
20/ 19	1.5		.7	.3																																
18/ 17	.4		.1	.3																																
16/ 15	.4		.1																																	
14/ 13	.3		.1																																	
12/ 11	1.3		.3																																	
10/ 9	1.1		.4																																	
8/ 7	.5		.1																																	
6/ 5	.4																																			
4/ 3																																				
2/ 1																																				
0/ .1																																				
TOTAL			25,758.313	.0	2.3	.1																														
																																		750	750	750

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs	Mean No. of Hours with Tx operation						
Rel. Hum.						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb	987985	26941	34.0	7.511	792		35.5					34
Wet Bulb	851939	24359	32.2	9.079	792		39.4					34
Dew Point	747108	22550	30.1	9.280	792	.2	46.7					34

USAFETAC FORM 0-265 (0-1 A) 10/54

DATA PROCESS: 171651
 USAF ETAD
 AIR EATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34034 SLDORFB WERNY MOBILE 47 6AF 60-70

PAGE 1 1900-1100

NET BULB TEMPERATURE DEPRESSION F											TOTAL		TOTAL		
												DBLWB	DBLWB	Wet Bulb	Wet Bulb
59/	57														
59/	57											1	2		
55/	53		.2	.5								5	9		
54/	51		.4	.2	.2	.1						7	5		
52/	51		1.1	1.1								4	15	4	
50/	49		.2	2.5	.4							25	26	3	
48/	47		2.1	1.5	.4							39	34	24	7
46/	45		2.7	1.2	.9							39	40	43	19
44/	43	.0	3.4	2.2	.0							55	57	43	44
42/	41	.1	4.0	1.7	.2							34	56	40	36
40/	39	1.0	6.2	2.1								75	81	62	56
38/	37	.7	6.1	1.6	.2							69	76	52	55
35/	35	2.4	6.5	1.7	.2							67	97	55	90
34/	33	1.6	5.0	2.2	.2							72	80	74	83
32/	31	.9	5.5	1.4	.2							62	69	79	68
30/	29	.5	4.4	1.0								51	52	60	65
28/	27	1.1	2.4	1.2								22	20	54	55
25/	25	.9	2.0	.5	.1							20	25	42	43
24/	23	.5	1.2		.1							14	15	25	40
22/	21	.4	.5	.1								2	2	11	29
20/	19	.2	.5	.1								1	1	7	31
18/	17	.5	.5									9	9	12	16
16/	15	.1	.2									3	3	5	7
14/	13	.6	.7									11	11	10	15
12/	11	.4	.2									4	5	6	7
10/	9	.5	.2									5	6	6	8
8/	7	.2	.1									1	3	3	7
6/	5													1	5
4/	3														7
2/	1														2
TOTAL		13.3	16.7	3.6	5.7	.5	.1							847	802

Element	X	ΣX	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	
Rel. Hum.		3497786	65058	82.11	0.882	802							84
Dew Pt.		1177195	30673	36.2	0.860	847		25.3					84
Wet Bulb		982646	27274	34.0	0.296	802		33.6					84
Dew Pt.		337916	24766	30.9	0.647	802		42.9					84

USAFETAC Form 3255

DATA PROCESSING UNIT
 SAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34054 SATELITE STATION V/CALL AT 1AF 60-70

1200-1400

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

52/61								.1	.1																							7	2				
50/59								.1	.1																							11	11				
58/57								.1	.1																							3	11				
56/55																																3	3		1		
54/53					.4																											17	17		2		
52/51				.1																												33	33		7		
50/49				.1																												50	52		1		
48/47																																60	61		5		
46/45																																41	44		34		
44/43																																50	52		39		
42/41																																77	80		43		
40/39																																90	94		63		
38/37																																49	96		72		
36/35																																74	79		54		
34/33																																47	47		76		
32/31																																47	47		57		
30/29																																29	28		50		
28/27																																17	17		61		
26/25																																7	7		48		
24/23																																5	5		34		
22/21																																7	7		34		
20/19																																8	8		19		
18/17																																4	8		13		
16/15																																2	8		16		
14/13																																1	1		15		
12/11																																			7		
10/9																																			4		
8/7																																			1		
6/5																																			2		
4/3																																			1		
2/1																																			1		
C/-1																																			1		
TOTAL																																			791	827	791

Element	X	Zx	Zx	X	No. Obs.	Mean No. of Hours with Temperature	Total
Rel. Hum.	448957	58566	74	13.93	791	< 0 F	84
Dry Bulb	139357	33270	40.2	8.149	791	32 F	84
Wet Bulb	119394	29098	30.8	7.376	791	67 F	84
Dew Point	372006	25340	32.0	8.732	791	73 F	84
						80 F	84
						93 F	84

USAFETAC Form 0-26 (Rev. 11-63) PSYCHROMETRIC SUMMARY (12-59)

1

ATL. PR. DESK: 71 111
 SAF. ETAL:
 IN. REAT. E. STCP/ DC

PSYCHROMETRIC SUMMARY

24068 S. D. UPL. GENE. Y/C. LE. R. LAF

60-7

1959 1 1510-1700

		WET BULB TEMPERATURE DEPRESSION ° F													TOTAL	TOTAL	TOTAL	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
64/ 63							.1											
62/ 61						.1	.4											
60/ 59						.4	.5	.1	.1									
58/ 57					.1	.1	.4											
56/ 55					.1	.1	.3											
54/ 53					.1	.1	.1	.2										
52/ 51	.1	.3	.2		1.3	1.3	.3											
50/ 49		1.1	2.1		2.2	1.7	.1											
48/ 47		1.2	2.1		2.2	.7												
46/ 45		1.7	2.3		1.9	.1												
44/ 43	.4	2.2	2.7		1.1	.7												
42/ 41	.5	3.4	3.8		2.1	.4	.4	.1										
40/ 39	.3	2.9	4.5		2.0	.7	.1											
38/ 37	.3	3.0	3.4		3.0	.7												
36/ 35	.4	3.4	2.7		1.1	.1												
34/ 33	.1	2.4	3.1		.3	.4												
32/ 31	.4	2.3	1.2		.3													
30/ 29	.4	1.5	1.1															
28/ 27	.4	.7																
26/ 25	.4	.7	.4															
24/ 23		.7																
22/ 21		.3																
20/ 19		.3																
18/ 17																		
16/ 15	.4																	
14/ 13																		
12/ 11																		
6/ 5																		
4/ 3																		
TOTAL		4.5	1.3	4.3	1.0	1.7	2.3	.4	.3									

USAF/TAC

Element	Σ x²	Σ x	x̄	s²	No. Obs.	Mean No. of Hours with Temperature						
						< 60 F	60 F - 67 F	67 F - 73 F	73 F - 80 F	80 F - 93 F	Total	
Rd. Hum.	4138759	34917	72.5	14.328	757							
Dry Bul.	1395371	32603	42.8	7.949	757			9.9				84
Wet Bul.	1103471	28411	37.5	7.013	757			21.5				84
Dew Point	51531	24595	32.5	3.330	757			39.8				84

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

34067 SM DUFFIN BEAMS V/C/LEA PAF

02-64

		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
		1-2	3-4	5-6	7-8	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.	D.B. - W.B.	Wet B.	D.P. - F.															
54/ 53		1.4																1	1																	
52/ 51																		1	1	1																
50/ 49		1.4																1	1	1	1															
48/ 47		2.7																2	2	1	1															
46/ 45		4.1	1.4	2.7														4	6	1	1															
44/ 43		2.7																2	2	1	2															
42/ 41		10.6	2.7	1.4														11	11	4	4															
40/ 39		8.1	1.4															7	7	2	6															
38/ 37	1.4	4.1																4	4	2	6															
36/ 35	4.1																	3	3	1	11															
34/ 33	1.4	4.1	1.4															3	5	1	2															
32/ 31	2.7	4.1																3	3	4	4															
30/ 29	2.7	4.1																3	3	4	4															
28/ 27	2.7	4.1	1.4															4	6	4	4															
26/ 25	4.1	9.5																10	10	2	2															
24/ 23	2.7	2.7																4	4	2	6															
22/ 21	1.4																	1	1	2	10															
20/ 19		1.4																1	1	1	3															
18/ 17																		1	1	1	2															
14/ 13																					2															
TOTAL	23.0	64.9	8.1	4.1														74	74	74	74															

Element (X)	$\Sigma x'$	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.	563293	6419	86.7	9.428	74							93
Dry Bulb	94338	2374	34.8	8.113	74		40.2					93
Wet Bulb	86781	247	33.4	7.848	74		43.2					93
Dew Point	76601	2301	31.1	8.319	74		50.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS PRINTING OF THIS FORM ARE DISCONTINUED

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34058 SA DDPF TERNA V/CELESTIAE AAF 80-70

PAGE 1 0600-1800

Time	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL W.B. D.P.	TOTAL W.B. D.P.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
54/ 53						.1	.1																										2	2		
52/ 51			.3	.7		.2	.1																										11	12		
50/ 49		1.6	3.1		.2	.1																										45	51	10	4	
48/ 47	.2	2.0	1.7		.2	.1																										32	44	27	9	
46/ 45	.1	3.5	2.5		.9																											53	57	53	21	
44/ 43	.4	3.4	3.0		.1																											58	76	34	53	
42/ 41	.4	3.2	4.0		.1																											57	86	56	71	
40/ 39	1.0	6.2	2.5		.1																											50	99	117	71	
38/ 37	.4	4.0	1.9		.2																											56	45	90	73	
36/ 35	1.0	3.4	1.1																													57	72	65	97	
34/ 33	2.1	6.1	1.2																													64	86	93	93	
32/ 31	1.0	6.1	.7																													59	74	71	89	
30/ 29	1.6	4.0	.3																													53	53	69	73	
28/ 27	1.1	3.7	.3																													46	46	54	52	
26/ 25	1.3	2.5																														35	35	40	53	
24/ 23	1.0	1.2																														20	20	33	56	
22/ 21	.3	.4																														7	7	11	32	
20/ 19	.2	.2																														4	4	4	17	
18/ 17		.4																														4	4	2	13	
16/ 15	.1	.3																														4	4	5	4	
14/ 13																																			2	
12/ 11																																			4	
10/ 9																																			1	
8/ 7																																			3	
TOTAL	12.6	1.1	2.5	2.2	.3																											891	939	891	891	

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	639805	75112	84.2	6.515	891	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1353447	35345	37.6	7.313	939		24.5					93
Wet Bulb	1177206	31774	35.7	7.040	891		30.4					93
Dew Point	1021495	29437	33.0	7.416	891		41.6					63

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406R SA DUFFEL GERMANY/ONLEYAN RAF

60-73

PERIOD: 1 0907-1100

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

Time	WET BULB TEMPERATURE DEPRESSION °F																															TOTAL DB, WB, DP, Hum	TOTAL REL. HUM.												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31														
68/ 67																																			1	3									
62/ 61									.1	.1		.1																						1	2										
60/ 59							.1	.3	.1																									1	3										
58/ 57								.5																											1	5									
56/ 55								.7	.1																											13	15	1							
54/ 53									.2																												25	26	2						
52/ 51									.5	.1																												45	49	8					
50/ 49									.7																													69	78	47	5				
48/ 47									.4	.1																												65	88	62	25				
46/ 45									.3																													92	95	72	54				
44/ 43										.1																												94	99	77	53				
42/ 41									.4	.1																												99	103	105	75				
40/ 39									.1																													77	85	113	80				
38/ 37									.2																													90	91	77	93				
36/ 35									.4																													59	63	94	99				
34/ 33									.3																													55	57	74	82				
32/ 31																																						37	37	73	85				
30/ 29									.7																													32	32	52	49				
28/ 27																																						13	13	28	58				
26/ 25									.4																													10	10	16	64				
24/ 23									.1																														5	8	36				
22/ 21									.2																														4	4	4	20			
20/ 19									.1																														2	2	4	14			
18/ 17																																									1	1	13		
16/ 15																																										1	3		
14/ 13																																										6			
12/ 11																																										1			
10/ 9																																										1			
TOTAL	3,437	686	15.3	4.6	.8	.2																																				918	966	918	915
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																																	
Rel. Hum.	3422709	69727	76.0	1.748	918	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																																	
Dry Bulb	1740565	40395	41.8	7.297	966		9.9	.1				93																																	
Wet Bulb	1402792	33264	38.5	6.643	918		18.8					93																																	
Dew Point	1135122	31546	34.4	7.536	918		35.7					93																																	

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER CENTER WICHITA

PSYCHROMETRIC SUMMARY

34008 34008 34008 PENNSYLVANIA AFB 60-71

PAGE 1 1200-1400

DB/ WB	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	1	2	3	4	5	6	7	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	DB	WB		
78/ 77																																		1	1		
76/ 75																																		1	1		
74/ 73																																		1	1		
72/ 71																																		1	1		
70/ 69																																		1	1		
68/ 67																																		1	1		
66/ 65																																		1	1		
64/ 63																																		1	1		
62/ 61																																		1	1		
60/ 59																																		1	1		
58/ 57																																		1	1		
56/ 55																																		1	1		
54/ 53																																		1	1		
52/ 51																																		1	1		
50/ 49																																		1	1		
48/ 47																																		1	1		
46/ 45																																		1	1		
44/ 43																																		1	1		
42/ 41																																		1	1		
40/ 39																																		1	1		
38/ 37																																		1	1		
36/ 35																																		1	1		
34/ 33																																		1	1		
32/ 31																																		1	1		
30/ 29																																		1	1		
28/ 27																																		1	1		
26/ 25																																		1	1		
24/ 23																																		1	1		
22/ 21																																		1	1		
20/ 19																																		1	1		
18/ 17																																		1	1		
16/ 15																																		1	1		
14/ 13																																		1	1		
12/ 11																																		1	1		
Element (X)	ΣX	ΣX^2	\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 300 0-26 5 (O1 A)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

3406R SA DYKEM TERNALV/C/PLE AL/CAF
STATION NAME

00-71

PAGE 2 1200-1400

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 P.			
TOTAL	12	26	27	31	19	7	9	2	5	1	4																									500	944	900	900

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.	2952715	58255	64.7	14.22	900						
Dry Bulb	2146517	44437	47.1	7.018	944	2.2	1.3	.3			93
Wet Bulb	1596212	37452	41.6	6.477	900	8.0					93
Dew Point	1165045	31589	35.1	7.934	900	34.5					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 53 DULLE PERTA V/20LE TAF BAF 60-71

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION F																															TOTAL DB	TOTAL WB	TOTAL DP	TOTAL RH				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
80/79																																			1	1			
78/77																																			4	4			
76/75																																			1	1			
74/73																																			2	3			
70/69																																			4	6			
68/67																																			7	7			
66/65																																			5	5			
64/63																																			3	3			
62/61																																			24	28			
60/59																																			24	29			
58/57																																			4	4			
56/55																																			41	45		1	
54/53																																			74	70		5	
52/51																																			107	103		6	
50/49																																			77	86		13	
48/47																																			107	110		25	
46/45																																			94	96		47	
44/43																																			71	71		55	
42/41																																			51	48		89	
40/39																																			42	43		94	
38/37																																			34	35		78	
36/35																																			29	29		93	
34/33																																			14	14		55	
32/31																																			14	14		64	
30/29																																			14	14		81	
28/27																																			7	7		53	
26/25																																			3	3		37	
24/23																																						30	
22/21																																						18	
20/19																																						19	
18/17																																						4	
16/15																																						4	
14/13																																						3	
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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SA LOUPEL GERALD Y/COLEMAN AAF 60-72

PAGE 2 1500-1700

		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	DB	WB
TOTAL		.91	.72	.12	.31	.7	.31	4.1	3.1	5.3	.9	.9																								912	473
Element (X)		$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature																													
Rel. Hum.	3575662	54274	52.215	200	873	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F																										
Dry Bulb	2213044	44332	46.6	7.945	912		1.2	2.2	.9																												
Wet Bulb	1610180	37084	42.5	6.226	873		5.0																														
Dew Point	1142201	30872	35.4	7.599	873		33.3																														

FORM 0-26.5 (OL A) JUL 64
 REVISION 10-1-64
 USAFETAC

DATA PROCESSING UNIT
 USAF ETAF
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34059 54 JUL 64 01:07

PAGE 1 1507-2000

		WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
		1	2	3	4	5	6	7	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	DB	WB		
74/ 73																																			1	1		
72/ 71																																			2	2		
70/ 69																																			2	2		
68/ 67																																			2	2		
66/ 65																																			2	2		
64/ 63																																			4	4		
62/ 61																																			4	4		
60/ 59																																			4	4		
58/ 57																																			4	4		
56/ 55																																			14	16		
54/ 53																																			24	24		
52/ 51																																			34	36		
50/ 49																																			51	51		
48/ 47																																			59	59		
46/ 45																																			69	69		
44/ 43																																			89	89		
42/ 41																																			78	75		
40/ 39																																			59	59		
38/ 37																																			49	49		
36/ 35																																			49	49		
34/ 33																																			49	49		
32/ 31																																			49	49		
30/ 29																																			49	49		
28/ 27																																			49	49		
26/ 25																																			49	49		
24/ 23																																			49	49		
22/ 21																																			49	49		
20/ 19																																			49	49		
16/ 15																																			49	49		
14/ 13																																			49	49		
TOTAL																																			695	695		

Element (X)	Σx	Σx^2	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3504657	48473	69.71	13.272	695	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	3504657	48473	69.71	13.272	695							
Wet Bulb	1444487	31243	45.5	7.591	695		2.9	.9	.1			93
Dew Point	117196	28180	40.5	6.305	695		9.6					93
Dew Point	894165	24447	35.2	7.023	695		34.4					93

USAFETAC FORM 0-26.5 (01 A) 1 JUL 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

34068 SANDROFEN GERMANY/COLEMAN AAF 61

PAGE 1 2100-2300

Time 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								5.0																											1	1				
56/ 55								5.0																											1	1				
54/ 53				5.0		5.0																													2	2				
52/ 51			5.0	5.0																															2	2		1		
50/ 49						10.0																													2	2				
48/ 47			5.0	5.0																															2	2		3		
46/ 45			5.0	5.0																															4	4		3		
44/ 43			5.0					5.0																											2	2		3		
42/ 41				5.0																															1	1		3		
40/ 39			5.0	5.0																															2	2		1		
38/ 37																																					2	2		
36/ 35			5.0																																1	1		1		
34/ 33																																						1		
32/ 31																																							2	
28/ 27																																							1	
TOTAL			30.0	04.0	15.0	15.0																													20	20		20		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	113478	1490	74.5	1.409	20	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	49356	946	47.3	5.667	20							93
Wet Bulb	38094	868	43.4	4.717	20							93
Dew Point	21479	787	39.4	5.184	20		14.0					93

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

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 34 F 5740
 171 EAT...

PSYCHROMETRIC SUMMARY

44000 ... 50-7

		WET BULB TEMPERATURE DEPRESSION (F)										TOTAL	
		0	1	2	3	4	5	6	7	8	9	Count	Percentage
65/65												2	2.1
64/63												4	3.7
62/61												1	0.9
60/59												4	3.7
58/57												29	26.3
56/55												53	48.1
54/53												27	24.3
52/51												26	23.6
50/49												1	0.9
48/47												1	0.9
44/43												101	91.1
42/41												6	5.4
40/39												47	42.6
38/37												57	51.5
36/35												41	36.9
34/33												21	18.9
32/31												10	9.0
30/29												4	3.6
28/27												1	0.9
26/25												1	0.9
24/23													
TOTAL		4447	7559	905	205	7						923	923

Element X	Σx^2	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	
Wet Bulb	6134543	74515	41.1	9.837	923							923
Dry Bulb	1934785	42357	45.9	8.067	923		1.7					923
Wet Bulb	1755443	39451	43.2	5.149	923		3.7					923
Dew Point	1534335	37129	40.2	5.342	923		1.1					923

USAFETAC Form 0265 (OLAG)

PSYCHROMETRIC SUMMARY

ATL...
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 247... 67-7

247... 67-7

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Temp	WET BULB TEMPERATURE DEPRESSION, F										TOTAL	TOTAL					
	0	1	2	3	4	5	6	7	8	9							
76/ 77							0.4	0.1									
74/ 75							0.2										
74/ 73							0.1										
72/ 71							0.1										
70/ 69						0.2	0.1										
68/ 67					0.2	0.1	0.2	0.1	0.1								
66/ 65				0.2	0.1	0.1	0.1	0.2	0.1	0.1							
64/ 63			0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1							
62/ 61			0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1							
60/ 59		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
58/ 57		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
56/ 55	1.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
54/ 53	2.0	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
52/ 51	2.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
50/ 49	3.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
48/ 47	3.8	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
46/ 45	4.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
44/ 43	5.0	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
42/ 41	5.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
40/ 39	6.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
38/ 37	6.8	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
36/ 35	7.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
34/ 33	8.0	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
32/ 31	8.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
30/ 29	9.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
28/ 27	9.8	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
26/ 25	10.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
24/ 23	11.0	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
22/ 21	11.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1							
TOTAL	1.1	1.7	2.4	3.1	3.9	3.4	1.3	0.3	0.1								
													945		945		945

Element	Σx	Σx²	x̄	s²	No. Obs	Mean No. of Hours with Temperature					Total
						< 60 F	60-67 F	67-73 F	73-80 F	> 80 F	
Rel. Hum.	4735597	655091	49.412	924						945	
Dry Bulb	2584974	42892	51.7	7.617			3.4	1.5		945	90
Wet Bulb	284760	44036	46.6	5.160			1.2			945	90
Dew Point	169667	30207	41.5	2.75			0.2			945	90

USAFETAC FORM 0 26 5 60

AD-A087 816

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 8/2
SANDHOFEN GERMANY/COLEMAN AAF. REVISED UNIFORM SUMMARY OF SURFA--ETC (U)
FEB 72

UNCLASSIFIED

USAFETAC/DS-80/056

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4
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The main body of the document is a large grid consisting of approximately 10 columns and 15 rows. The vast majority of the cells in this grid are filled with solid black, indicating that the original content has been redacted. Only a few cells are visible, notably the one in the top-left corner of the grid area, which contains the number '4' and a small square mark.

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DATE
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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SANDHOEFEN GERMANY/COLEMAN AAF 60-70

SPR

PAGE 2 1200-1400

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. Diff.	Total																																																																													
TOTAL	03	7.2	16.3	18.2	17.9	14.3	10.5	7.4	4.1	2.7	1.0																							925	925	925																																																												
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>$\sum X^2$</th> <th>$\sum X$</th> <th>\bar{X}</th> <th>s^2</th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th>Rel. Hum.</th> <th>3427224</th> <th>54334</th> <th>58.7</th> <th>15.971</th> <th>925</th> <th>= 0 F</th> <th>= 32 F</th> <th>= 67 F</th> <th>= 73 F</th> <th>= 80 F</th> <th>= 93 F</th> <th>Total</th> </tr> <tr> <th>Dry Bulb</th> <td>3076710</td> <td>52680</td> <td>57.0</td> <td>9.100</td> <td>925</td> <td></td> <td></td> <td>14.3</td> <td>2.1</td> <td>1.0</td> <td></td> <td>90</td> </tr> <tr> <th>Wet Bulb</th> <td>2262313</td> <td>45371</td> <td>49.0</td> <td>6.318</td> <td>925</td> <td></td> <td></td> <td>.3</td> <td></td> <td></td> <td></td> <td>90</td> </tr> <tr> <th>Dew Point</th> <td>1645372</td> <td>38468</td> <td>41.6</td> <td>7.041</td> <td>925</td> <td></td> <td>10.4</td> <td></td> <td></td> <td></td> <td></td> <td>90</td> </tr> </thead></table>																																	Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	Rel. Hum.	3427224	54334	58.7	15.971	925	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total	Dry Bulb	3076710	52680	57.0	9.100	925			14.3	2.1	1.0		90	Wet Bulb	2262313	45371	49.0	6.318	925			.3				90	Dew Point	1645372	38468	41.6	7.041	925		10.4					90
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total																																																																																					
Rel. Hum.	3427224	54334	58.7	15.971	925	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																																																																																				
Dry Bulb	3076710	52680	57.0	9.100	925			14.3	2.1	1.0		90																																																																																				
Wet Bulb	2262313	45371	49.0	6.318	925			.3				90																																																																																				
Dew Point	1645372	38468	41.6	7.041	925		10.4					90																																																																																				

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SANDROFEN GERMANY/CLEMAN AAF 60-7)

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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										
88/ 87																												3		3												
86/ 85																												1		1												
84/ 83															.1													3		3												
82/ 81															.2		.3											7		7												
80/ 79															.3		.1		.1									4		6												
78/ 77													.2		.3		.3											9		9												
76/ 75							.1	.2		.7		.6		.6		.3		.3									2		25													
74/ 73							.1	.4		.7		.8		1.3		.8											37		37													
72/ 71							.1	.4		.6		.6		.7		.2											25		25													
70/ 69							.1	.3		1.6		.9		.2		.1											3		30													
68/ 67				.1	.3		.7	1.2		.7		.9		.1													36		36		1											
66/ 65					.8		.9	1.5		.6		.6															41		41		1											
64/ 63				.2	.7		1.6	2.9		2.0																	64		66		13											
62/ 61			.3	.9	2.7		1.7	2.0		.3																	71		71		22											
60/ 59			.2	1.6	2.1		.9	1.2		.2		.2															60		60		25											
58/ 57			1.0	3.0	1.2		1.3	.8																			66		66		50											
56/ 55		.1	1.0	1.6	1.1		1.0	.8																			50		50		84											
54/ 53		.6	2.2	2.0	2.0		1.1	1.1																			81		81		102											
52/ 51		.4	1.1	1.7	1.2		1.6	.7																			60		60		117											
50/ 49	.1	.3	2.6	1.8	1.7		1.3																				70		70		91											
48/ 47		.3	1.2	2.6	1.6																						51		51		69											
46/ 45		.9	1.0	1.9	.4		.2																				49		49		81											
44/ 43		1.0	.9	.7	.2		.1																				26		26		70											
42/ 41		.8	.9	.4																							16		16		80											
40/ 39		.3	.1																								4		4		52											
38/ 37		.2	.1																								3		3		16											
36/ 35																														7		63										
34/ 33																														1		50										
32/ 31																																39										
30/ 29																																24										
28/ 27																																20										
26/ 25																																12										
24/ 23																																6										
22/ 21																																1										
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 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34058 SA DQEF GERMANY/COLE AFB AAF 60-70

APR 60

PAGE 2 1500-1700

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	1	5	13	18	7	11	9	7	5	3	2	1																						892	892	892																																																																									
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>ΣX^2</th> <th>ΣX</th> <th>\bar{X}</th> <th>σ_x</th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>$\leq 0 F$</th> <th>$\leq 32 F$</th> <th>$\leq 67 F$</th> <th>$\leq 73 F$</th> <th>$\leq 80 F$</th> <th>$\leq 93 F$</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>3009608</td> <td>49710</td> <td>58.716</td> <td>289</td> <td>892</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry Bulb</td> <td>2120039</td> <td>32047</td> <td>58.3</td> <td>9.662</td> <td>892</td> <td></td> <td></td> <td>18.4</td> <td>9.2</td> <td>1.9</td> <td></td> <td>90</td> </tr> <tr> <td>Wet Bulb</td> <td>2226970</td> <td>44200</td> <td>49.6</td> <td>6.426</td> <td>892</td> <td></td> <td></td> <td>.1</td> <td></td> <td></td> <td></td> <td>90</td> </tr> <tr> <td>Dew Point</td> <td>1369819</td> <td>26871</td> <td>41.3</td> <td>7.166</td> <td>892</td> <td></td> <td>11.4</td> <td></td> <td></td> <td></td> <td></td> <td>90</td> </tr> </tbody> </table>																																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.	3009608	49710	58.716	289	892								Dry Bulb	2120039	32047	58.3	9.662	892			18.4	9.2	1.9		90	Wet Bulb	2226970	44200	49.6	6.426	892			.1				90	Dew Point	1369819	26871	41.3	7.166	892		11.4					90
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.	3009608	49710	58.716	289	892																																																																																																								
Dry Bulb	2120039	32047	58.3	9.662	892			18.4	9.2	1.9		90																																																																																																	
Wet Bulb	2226970	44200	49.6	6.426	892			.1				90																																																																																																	
Dew Point	1369819	26871	41.3	7.166	892		11.4					90																																																																																																	

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SANDHOEFEN GERMANY/COLEMAN AAF 60-70

433

PAGE 1 1900-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
88/ 87																																		1	1		
82/ 81																																		1	1		
80/ 79																				.1	.1	.1											3	3			
78/ 77																				.1	.1	.1											3	3			
76/ 75											.1									.1	.1	.1											2	2			
74/ 73											.3	.3	.3	.3	.1	.1	.1																5	9			
72/ 71								.1	.4	.7	.4	.3	.3	.3	.3	.3																14	14				
70/ 69							.6	.6	.7	.6	.6	.3																				19	19				
68/ 67					.3	.3	.3	1.7	.9	.9	.9																					28	29		1		
66/ 65				.4	.3	.6	1.2	.7	.6																							26	26				
64/ 63				.9	.4	1.0	1.3	.7	.3																							30	30		5		
62/ 61			.1	1.0	1.3	1.0	1.2	.3																								34	34		5		
60/ 59		.1	1.0	1.6	1.4	1.0	1.3	.1																								46	46		14		
58/ 57		.3	1.3	3.6	1.4	1.3	1.3	.1																								63	63		39		
56/ 55		.4	2.2	2.7	1.0	1.0		.1																								52	52		38		
54/ 53		1.0	3.6	1.0	.9	.7	.3																									52	52		71		
52/ 51	.1	2.0	1.7	1.4	.9	.7																										48	48		90		
50/ 49		1.3	3.2	1.2	1.7	1.3																										67	60		82		
48/ 47	.4	1.7	3.5	1.6	1.0	.6																										61	61		59		
46/ 45		1.6	1.0	2.0	1.2																											44	44		64		
44/ 43		1.9	2.2	3.0	.4																											52	52		53		
42/ 41		1.2	1.6	1.0																												26	26		49		
40/ 39		.6	1.4																													14	14		37		
38/ 37		.1	.1																													2	2		43		
36/ 35																																			12	33	
34/ 33	.1																															1	1		2		
32/ 31																																				44	
30/ 29																																				19	
28/ 27																																				18	
26/ 25																																				14	
TOTAL		.7	12.3	23.6	21.6	12.3	10.3	9.4	4.9	3.0	1.2	.6	.1																					691	691		691

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2009994	44076	62.8	16.792	691			10.4	2.3	.4		90
Wet Bulb	1616601	33149	48.0	6.411	691			.1				90
Dew Point	1239936	28722	41.6	7.231	691		12.4					90

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAARDORFEN GERMANY/COLEMAN AAF 60-64

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/65					.8													1	1																
64/63				.8														1	1																
62/61	.8		.8															2	2	1	1														
60/59	.8	2.5	.8															3	3	2	1														
58/57	.8	9.2	.8															13	13	8	4														
56/55		4.2		2.5														8	8	11	10														
54/53	1.7	4.2	2.5															17	10	7	9														
52/51	.8	7.6	1.7	.8														13	13	6	6														
50/49	1.7	5.9	2.5	.8														13	13	21	10														
48/47		8.4	3.4															14	14	3	13														
46/45	1.7	11.8	4.2															21	21	21	13														
44/43	1.7	3.4	2.5															9	9	15	18														
42/41		1.7	1.7															4	4	11	11														
40/39		1.7	.8															3	3	4	10														
38/37		.8																1	1	1	7														
36/35																		1	1	2	3														
32/31		.8																1	1	1	2														
30/29																					1														
TOTAL	10.1	12.2	22.7	4.2	.8													119	119	119	119														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	909129	10235	87.0	7.740	119			.8				93
Wet Bulb	302084	3716	30.0	3.922	119			.8				93
Dew Point	259409	2503	46.2	6.404	119		2.3					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068
 STATION

SA-DUEFFEN GERMANY/COLEMAN AAF
 STATION NAME

60-70
 YEARS

MAY
 DATE

PAGE 1 0600-0800
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/73							.1											1	1																
70/69					.2													2	2																
68/67				.1	.2	.1	.1											5	5																
66/65		.1	.1	.2	.4	.2												10	10																
64/63		.3	1.2	1.2	1.0	.1												35	35	3															
62/61		1.1	1.1	1.2	.6													37	37	4	3														
60/59		1.8	2.5	1.1	1.0	.1												60	60	29	9														
58/57	.4	4.1	3.2	2.8	.2	.2												102	122	66	29														
56/55	.3	3.3	4.3	4.3	.4													115	118	88	44														
54/53	.2	3.5	6.2	3.9	.3													132	132	76	82														
52/51	.4	3.7	6.9	1.6	.2													127	120	123	78														
50/49	.2	5.9	5.6	1.1	.1													127	120	148	108														
48/47	.1	3.7	4.2	.2														77	77	152	123														
46/45	.1	3.3	2.1															51	51	101	148														
44/43	.1	1.6	1.5	.2														32	32	65	112														
42/41		.9	.3															11	11	32	79														
40/39	.1	1.2	.3															15	15	23	49														
38/37	.1	.3																4	4	14	32														
36/35		.1																1	1	4	24														
34/33		.1																1	1	2	8														
32/31																					5														
30/29																					1														
TOTAL	2.1	33.1	39.3	17.8	4.7	.7	.2											934	934	934	934														

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.	6058297	74688	80.0	9.617	934							93
Dry Bulb	2638801	49341	52.0	3.770	934			.8	.1			93
Wet Bulb	2326311	46439	49.7	3.233	934							93
Dew Point	2079440	42732	45.8	3.664	934			.6				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/TAC

PSYCHROMETRIC SUMMARY

34008 SAIGON, GERMANY/CWLEA AAF

60-71

YAV

PAGE 1 4900-1100

Time		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
		1	2	3	4	5	6	7	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	Dep.	Point	
64/	83																																		1	1			
82/	81																																		1	1			
80/	79																																		4	4			
78/	77																																		7	7			
76/	75																																		11	11			
74/	73																																		23	23			
72/	71																																		25	25			
70/	69																																		41	41		1	
68/	67																																		58	58		2	
66/	65																																		58	58		4	
64/	63																																		78	78		26	
62/	61																																		97	97		50	
60/	59																																		114	116	73	22	
58/	57																																		121	121	91	37	
56/	55																																		111	111	104	49	
54/	53																																		81	81	146	81	
52/	51																																		55	55	162	105	
50/	49																																		33	33	129	107	
48/	47																																		20	20	79	125	
46/	45																																		14	14	42	145	
44/	43																																		5	5	25	99	
42/	41																																					14	77
40/	39																																				5	42	
38/	37																																				4	26	
36/	35																																					17	
34/	33																																					9	
32/	31																																					7	
30/	29																																					2	
28/	27																																					2	
26/	25																																					1	
TOTAL		.4	7.2	17.4	25.7	21.7	15.4	6.3	4.1	1.0																										960	950	960	960

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4220567	02449	65.113	0.85	960	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	2481608	27421	29.8	0.915	960			10.0	4.0	0.5		93
Wet Bulb	2725039	30933	32.1	0.223	960			0.2				93
Dew Point	2199407	45289	47.2	0.994	960		1.2					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SA 2 WEF GERMANY/COLEMAN AAF 60-70

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL Wet Bulb	TOTAL Dew P
	1-2	3-4	5-6	7-8	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.	Dew Bulb																	
92/ 91																																	1	1		
90/ 89																																	1	1		
88/ 87																																	3	3		
86/ 85																																	3	3		
84/ 83																																	13	13		
82/ 81																																	13	13		
80/ 79																																	27	27		
78/ 77																																	24	26		
76/ 75																																	44	44		
74/ 73																																	35	35		
72/ 71																																	45	48		
70/ 69																																	57	57		
68/ 67																																	79	79		
66/ 65																																	68	85		
64/ 63																																	107	122		
62/ 61																																	76	84		
60/ 59																																	87	83		
58/ 57																																	81	98		
56/ 55																																	65	65		
54/ 53																																	38	139		
52/ 51																																	32	144		
50/ 49																																	32	131		
48/ 47																																	12	90		
46/ 45																																	15	112		
44/ 43																																	2	49		
42/ 41																																	2	34		
40/ 39																																	12	90		
38/ 37																																	4	80		
36/ 35																																		4	54	
34/ 33																																			4	36
32/ 31																																			25	25
30/ 29																																			15	15
28/ 27																																			7	7
																																			4	4
																																			5	5

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 10A 64 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SA. DEUSEL GERMANY/COLETA AAF 60-70
STATION NAME YEAR

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 Pt.	
TOTAL	.4	4.0	7.9	12.0	16.1	17.5	15.1	11.1	7.4	3.0	2.1	1.0																						944	944	944	

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Hum.	3122256	32286	35.4	35.595	944							
Dry Bulb	3903753	60893	64.5	8.339	944			34.7	10.6	4.6		93
Wet Bulb	2865997	31759	34.8	3.451	944			1.4				93
Dew Point	2133683	44457	47.1	6.514	944		1.6					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SAIGON AIRFIELD/GERMANY/CJLEPA AAF 60-71

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.	D.B.	W.B.		
92/ 91																						.1	.1											2	2			
90/ 89																						.3	.1											4	4			
88/ 87																								.3										2	3			
86/ 85																							.1	.1										1	1			
84/ 83																						.1	.2	.2	.5	1.3								2	2			
82/ 81																						.2	1.0	.8	.5	1.4								2	2			
80/ 79										.1						.4	.3	.7	.5															2	2			
78/ 77										.1	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	
76/ 75										.2	.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
74/ 73								.3	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	
72/ 71							.4	1.2	1.5	.9	1.3	.7	.5																									
70/ 69			.1	.3	.1	1.5	1.5	2.1	1.6	.5																												
68/ 67			.1	.7	.8	1.4	2.3	1.3	.2	.1																												
66/ 65			.1	.7	.8	1.4	2.3	1.3	.2	.1																												
64/ 63			.4	.9	2.5	2.6	3.1	1.3	.2	.1																												
62/ 61		.8	.8	.8	1.6	1.8	1.5	.2	.1																													
60/ 59		.5	.4	1.2	2.1	3.0	1.0	.5	.2																													
58/ 57	.1	.7	1.5	1.3	2.2	1.4	.5	.2																														
56/ 55	.5	1.5	2.0	1.2	.8	.3																																
54/ 53	1.1	1.5	.8	.5	.2																																	
52/ 51	.1	.8	.5	.1																																		
50/ 49	.3	.9	.1	.7																																		
48/ 47	.2	.1																																				
46/ 45																																						
44/ 43																																						
42/ 41																																						
40/ 39																																						
38/ 37																																						
36/ 35																																						
34/ 33																																						
32/ 31																																						
30/ 29																																						
28/ 27																																						
26/ 25																																						
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 34 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FACILITY
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

3406A SA LOPEZ, GUERREY/COLEMAN AAF 60-72

PAGE 2 1500-1700

Element (X)	Σx'	Σx	x̄	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.	2780592	48054	52.7	6.433	911							
Dry Bulb	4005832	59882	65.7	6.730	911			39.9	20.8	7.1		93
Wet Bulb	2798295	50249	55.2	5.412	911			1.9				93
Dew Point	2025195	42521	46.7	6.672	911		1.9					93

USAFETAC FORM 0-26.5 (OLA) 01-64 REVISION 15-64 (REVISED)

DATE OF OBSERVATION: 1951
 SAFETY
 AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

3406F SA 1000H 0600M V/COLE AT 24F

60-70

TEMP	NET BULB TEMPERATURE DEPRESSION F															TOTAL	TOTAL	TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
90/ 89																.1		
88/ 87																		
86/ 83								.1	.3	.1	.3	.3						
82/ 81								.1	.5	.7	.3							
80/ 79									.9	.5	.5							
78/ 77					.1	.3	.4	.7	.3	.1								
75/ 74				.4	.1	1.1	.4	.1	.1	.1								
74/ 73			.1	.4	.5	1.3	.4	.3	.1	.1								
72/ 71			.4	.9	1.5	1.6	.3	.4										
70/ 69		.7	.7	.9	1.5	1.9	.7											
68/ 67	.1	.1	.3	.9	2.1	2.1	1.1	.4										
66/ 65			1.3	1.9	1.7	1.9	1.1	.7										
64/ 63	.1	.4	1.4	1.7	2.9	1.3	1.1											
62/ 61	.5	1.1	2.3	2.6	3.2	1.1	.4											
60/ 59	.4	1.7	1.9	2.4	1.9	.1	.1											
58/ 57	1.0	.9	2.0	2.5	1.7	.7	.1											
56/ 55	1.7	3.0	1.9	1.7	.3	.3												
54/ 53	1.7	1.3	1.4	.6	.4													
52/ 51	.5	1.3	1.7	.3	.1													
50/ 49	1.3	1.0	.5	.3	.1													
48/ 47	.1	.1	.7	.1														
46/ 45																		
44/ 43																		
42/ 41																		
40/ 39																		
38/ 37																		
36/ 35																		
34/ 33																		
32/ 31																		
30/ 29																		
28/ 27																		
TOTAL	7.7	11.0	15.9	16.3	17.0	10.6	10.7	5.0	2.7	2.1	1.0							

Element	Σx	Σx²	x̄	s²	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	
R. Hum.	2573944	40918	58.3	15.141	700						93
Dry Bulb	236499	44191	63.1	8.178	700			29.1	12.6	3.9	93
Wet Bulb	287599	38045	54.4	5.329	700			.8			93
Dew Point	159204	33066	47.2	6.358	700			1.7			53

USAFETAC FORM 8-54 (U) 1-54 REVISION PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SAIGON AIRFIELD GERMANY/COLFAN AAF 69-63

PAGE 1 1300-0500

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/69		1.0			1.0																														7	2				
68/67																																						1		
66/65		1.9	4.9																																7	7	1	1		
64/63		3.9	1.9																																4	6	5	2		
62/61		2.9	1.9	1.0																															4	5	7	5		
60/59		7.8																																	2	8	4	5		
58/57		7.8	6.0																																14	13	10	10		
56/55	3.9	6.0	2.9																																14	14	13	11		
54/53		11.7	1.9	1.0	1.0																														16	16	11	11		
52/51	1.9	4.9	2.9																																9	9	12	15		
50/49		5.8	2.9	1.0																															10	10	4	12		
48/47	1.9	1.9	1.9																																4	4	12	8		
46/45		1.9	1.9																																2	3	4	7		
44/43			1.9																																1	1	3	6		
42/41		1.0																																	1	1	1	2		
40/39		1.0	1.0																																2	2	1	4		
38/37																																						2	2	
36/35																																							1	1
34/33																																							1	1
TOTAL		5.4	59.2	30.1	3.9	1.0																														103	103	103	103	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	772946	8886	66.2	7.628	103							90
Dry Bulb	220137	5709	55.4	6.025	103			1.7				90
Wet Bulb	295052	5478	53.2	6.029	103			.9				90
Dew Point	275657	5285	51.3	6.627	103							90

USAFETAC FORM 0-26-5 (OL A) REVISIONS WITHOUT EDITIONS OF THIS FORM ARE DERIVATIVE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

3406P SANDLEBE GERMANY/COLEMAN AFB 60-70

JUL
 1970

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
80/ 79									.1																							1	1					
76/ 75					.1		.1																									2	2					
74/ 73							.3		.1			.1																				4	5					
72/ 71				.2		.1	1.4		.6																							27	26					
70/ 69				.6		1.1	1.5		.5		.2																					34	34		3			
68/ 67			.3	1.0		1.9	1.4		.3																								51	51		4		
66/ 65			1.0	3.0		2.7	.9		.5																								75	76		16		
64/ 63	.5		2.9	2.5		3.1	.2				.1																						61	61		72		
62/ 61	.1		3.0	4.0		3.1	.9		.3		.1																						105	106		85		
60/ 59	.2		4.1	5.0		2.9	.7		.2																									122	122		94	
58/ 57	.2		4.8	4.3		1.4	.2		.2																									98	98		128	
56/ 55	.6		2.6	4.6		2.2	.2		.1		.1																							91	91		133	
54/ 53	.5		3.7	4.0		1.0	.2																											87	87		96	
52/ 51	.1		2.1	2.4		.7	.2																											44	48		86	
50/ 49	.1		1.5	.9		.3																												24	26		75	
48/ 47			.8	.6		.6																												17	17		42	
46/ 45			.5	.2																														4	6		19	
44/ 43			.1	.2																														3	3		14	
42/ 41				.2																														2	2		4	
40/ 39																																					2	
38/ 37																																					1	
36/ 35																																						
34/ 33																																						
32/ 31																																						
TOTAL	2.3	27.4	27.1	21.2	1.2	0.3	2.9	.6	.1	.1																										876	876	876

USAFETAC FORM 0-26-5 (OLA) REVISION 10-64 (SEE INSTRUCTIONS)

Element (X)	ΣX^2	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.	5999205	69163	79.0	10.299	876							
Dry Bulb	3134611	52137	59.5	6.006	876			11.6	.8			90
Wet Bulb	2737727	48747	55.6	5.355	876			.7				90
Dew Point	2469934	46224	52.8	3.936	876			.1	.2			90

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

3406P SA LORE DEPT. W/C/LEAF AF 60-72

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	D.P.	Wet Bulb	Dew Pt.			
88/ 87																																			1	1				
86/ 85																																			2	2				
84/ 83																																			7	7				
82/ 81																																			12	12				
80/ 79																																			20	20				
78/ 77																																			44	44				
76/ 75																																			58	58				
74/ 73																																			66	66				
72/ 71																																			88	88		5		
70/ 69																																			84	94		10		
68/ 67																																			83	83		46		
66/ 65																																			99	99		85		
64/ 63																																			83	83		100		
62/ 61																																			77	77		125		
60/ 59																																			64	64		123		
58/ 57																																			60	60		113		
56/ 55																																			35	35		116		
54/ 53																																			18	18		64		
52/ 51																																			16	16		55		
50/ 49																																			5	5		43		
48/ 47																																			3	3		23		
46/ 45																																			2	2		11		
44/ 43																																						4		
42/ 41																																						1		
40/ 39																																								
38/ 37																																								
36/ 35																																								
34/ 33																																								
32/ 31																																								
30/ 29																																								
TOTAL																																					927	927		927

Element (X)	$\Sigma x'$	Σx	Σx^2	Σx^3	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	3871702	58550	62,213,542		927			43.1	20.4	3.1		90
Wet Bulb	4164412	61754	66,673,888		927			5.9				90
Dew Point	3218470	49219	53,16,526		927		0.5	0.2				90

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SA DENFEN GERMANY/COLEMAN AAF 60-70

PAGE 1 1200-1400

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P.																	
92/ 91																																			4	4		
90/ 89																																			9	9		
88/ 87																																			13	13		
86/ 85																																			32	32		
84/ 83																																			29	29		
82/ 81																																			53	53		
80/ 79																																			55	55		
78/ 77																																			62	62		
76/ 75																																			87	87		
74/ 73																																			72	72		2
72/ 71																																			79	79		12
70/ 69																																			70	70		33
68/ 67																																			87	87		85
66/ 65																																			57	57		95
64/ 63																																			50	50		109
62/ 61																																			54	54		118
60/ 59																																			34	34		115
58/ 57																																			23	23		98
56/ 55																																			19	19		80
54/ 53																																			12	12		59
52/ 51																																			11	11		51
50/ 49																																			1	1		27
48/ 47																																			2	2		14
46/ 45																																			1	1		9
44/ 43																																						2
42/ 41																																						
40/ 39																																						
38/ 37																																						
36/ 35																																						
34/ 33																																						
32/ 31																																						
30/ 29																																						
28/ 27																																						
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 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34069 SA D-LEH GERMANVILLE AR 00-71

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
TOTAL	2	3.8	0.0	0.0	1.1	1.1	3.9	16.4	17.5	12.3	6.1	3.6	1.1	.2												911			911	911						

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

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.	2839621	49023	53.8	4.862	911							
Dry Bulb	4683714	66846	71.2	8.638	911			63.9	40.6	15.9		90
Wet Bulb	3322926	54768	60.1	5.737	911			13.2	.2			90
Dew Point	2562549	47923	52.6	6.759	911		.8	.2				90

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DATA PROCESS: [unclear]
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34209 SA [unclear] DEFENSE [unclear] AAF 60-72

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	1	2	3	4	5	6	7	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	D. B. B. P.	Wet. B. P.	Dew P.			
94/ 93																																			3	3		
92/ 91																																			4	4		
90/ 89																																			19	19		
88/ 87																																			17	17		
86/ 85																																			24	24		
84/ 83																																			27	27		
82/ 81																																			50	50		
80/ 79																																			74	76		
78/ 77																																			72	72		
76/ 75																																			59	59		
74/ 73																																			72	72	1	
72/ 71																																			76	76	20	
70/ 69																																			73	73	25	
68/ 67																																			53	53	63	
66/ 65																																			70	70	100	
64/ 63																																			91	91	104	
62/ 61																																			43	43	144	
60/ 59																																			33	33	104	
58/ 57																																			16	16	103	
56/ 55																																			18	18	79	
54/ 53																																			13	13	49	
52/ 51																																			4	4	42	
50/ 49																																			25	25	100	
48/ 47																																			1	1	8	
46/ 45																																			2	2	9	
44/ 43																																						
42/ 41																																						
40/ 39																																						
38/ 37																																						
36/ 35																																						
34/ 33																																						
32/ 31																																						
30/ 29																																						
TOTAL	.2	4.5	4.4	7.8	9.8	14.5	11.9	13.6	14.8	9.0	5.1	2.5	.9																						876	876	876	
Element (X)	Z ₁	Z ₂	I	C ₂	No. Obs.	Mech. No. of Hours with Temperature																																
Rel. Hum.	2610204	49744	52,215,914		876	= 0 F	= 32 F	67 F	= 73 F	= 80 F	= 93 F	Total																										
Dry Bulb	4606643	63059	72,0	8,772	876			64.2	43.5	19.8	.3	90																										
Wet Bulb	3210082	32010	60.3	3,494	876			11.2	.1			90																										
Dew Point	2434477	43813	52.3	6,638	876			1.0	.3			90																										

USAFETAC FORM 44 0-26 5 (OL A) REV. 10-60 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SANDHURST GERMANY/CELESTAC SAF 00-70

PAGE 1 1800-2000

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

Time		WET BULB TEMPERATURE DEPRESSION °F																															TOTAL		TOTAL						
F	D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dep. P.				
94/	93																																			1	1				
92/	91																																			1	1				
90/	89																																			3	3				
88/	87																																			5	5				
86/	85																																			12	12				
84/	83																																			6	6				
82/	81																																			27	27				
80/	79																																			41	41				
78/	77																																			45	45				
76/	75																																			36	36				
74/	73																																			57	57				
72/	71																																			44	44		9		
70/	69																																			57	57		19		
68/	67																																			57	57		40		
66/	65																																			54	54		57		
64/	63																																			50	50		78		
62/	61																																			37	37		104		
60/	59																																			34	34		78		
58/	57																																			23	23		79		
56/	55																																			13	13		66		
54/	53																																			18	18		37		
52/	51																																			4	4		25		
50/	49																																			1	1		23		
48/	47																																			2	2		28		
46/	45																																			1	1		6		
44/	43																																						19		
42/	41																																					13			
40/	39																																					4			
38/	37																																					3			
36/	35																																					1			
32/	31																																					1			
30/	29																																					1			
TOTAL																																						623	623		623
Element (X)	Σ X'	Σ X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total																														
Rel. Hum.	233970	37078	59.8	5.491	623	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Dry Bulb	2022941	43159	69.3	8.220	623			55.8	33.1	9.0	.1	90																													
Wet Bulb	2286829	37353	60.0	5.269	623			9.8				90																													
Dew Point	1812117	33403	53.6	5.854	623			.3	.1			90																													

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SAUDERF GERMANY/COLEMAN AAF 62

JUL
 1962
 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.	D.B. W.B.	Wet B.	Dry B.		
66/ 65										0																									1	1		
58/ 57																																						
52/ 51																																						
TOTAL										0																									1	1	1	1

Element (X)	$\Sigma X'$	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.	3600	60	60.0		1							
Dry Bulb	4225	65	65.0		1							93
Wet Bulb	3249	57	57.0		1							93
Dew Point	2601	51	51.0		1							93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34006 SA ENTER DERRY/COLEMAN AFB 60-64

PAGE 1 300-0500

Time		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
F	F	1	2	3	4	5	6	7	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						.9																												1	1						
70/	69						.9			.9																									2	2						
68/	67						.9																												3	3		1				
66/	65						.9																												3	3		2				
64/	63						.9																												7	7		4				
62/	61						.9																												13	13		6				
60/	59						.9																												14	14		13				
58/	57						.9																												18	18		13				
56/	55						.9																												15	15		21				
54/	53						.9																												11	11		13				
52/	51						.9																												7	7		13				
50/	49						.9																												6	6		7				
48/	47						.9																												4	4		7				
46/	45						.9																												1	1		3				
44/	43						.9																															1				
42/	41						.9																																2			
TOTAL							.9																																106	106		106

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	80267	9188	80.7	7.722	106			0.1				93
Wet Bulb	38449	6102	57.6	5.444	106			.9				93
Dew Point	32562	3894	36.8	3.124	106							93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SAIGLUFEN GERMANY/COLEMAN AAF 60-72

JUL

PAGE 1 0900-0800

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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
78/77					.2				.1									3	3																
76/75			.1		.2													4	4																
74/73			.2	.5	.7	.4	.2											21	21	1															
72/71			.5	.8	.8	.3	.1											22	20		1														
70/69		.3	1.5	1.6	.8	.4												41	41	7	1														
68/67		.9	2.9	2.6	1.6	.1		.1										75	75	23	7														
66/65		1.2	4.2	2.1	1.2			.1										78	78	35	20														
64/63	.1	2.5	5.8	2.9	.7	.2												109	109	72	39														
62/61	.2	4.6	6.4	2.5	.4													126	126	102	61														
60/59	.1	5.2	7.8	1.8	.4													129	129	134	92														
58/57	.6	4.5	3.9	1.5	.3													96	96	153	126														
56/55	.3	4.4	4.2	1.9	.2													98	98	127	143														
54/53	.2	3.0	1.6	1.2														56	56	88	134														
52/51		.3	1.6															17	17	76	93														
50/49	.2	.9	.3															13	13	46	74														
48/47	.1	.3																4	4	19	45														
46/45																					36														
44/43																					16														
42/41																					1														
40/39																					1														
TOTAL	1.9	26.2	40.4	19.6	7.6	1.7	.4	.1										890	890	890	890														

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2822308	71570	80.6	9.284	890	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2369236	24542	61.2	5.484	890			17.1	2.9			93
Wet Bulb	269741	51233	57.6	4.803	890			3.2	.1			93
Dew Point	2718742	48976	55.0	5.156	890			.9				93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SA DUFFEL GERMANY/CHELVAN AAF 60-72

July

PAGE 1 1900-1100

Time F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	1	2	3	4	5	6	7	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.	D.P.	W.	F.	D.P.		
88/ 87											.1					.1																		3	3				
86/ 85											.1	.1				.2	.4	.4																12	12				
84/ 83											.2	.5	.3			.5	.2	.1	.1															19	19				
82/ 81											.2	.4	.5			.5																		16	16				
80/ 79						.1	.2	1.1	.7	1.8	.6	.1																						44	44				
78/ 77					.2	.2	1.1	1.5	.9	.3									.1															42	40		1		
76/ 75			.1	.3	1.1	2.2	2.4	.6	.2	.1																								66	66		2		
74/ 73			.3	.4	2.0	2.5	1.8	.6	.2																									74	74		7		
72/ 71			.2	.1	1.1	2.8	2.6	1.4																										73	73		16	2	
70/ 69		.3	.7	1.2	1.8	2.7	1.2	.9	.1																									80	80		32	7	
68/ 67			.7	1.9	3.5	2.6	1.1	.4																										96	96		67	11	
66/ 65		.6	1.5	2.7	4.1	2.0	.5	.2																										109	109		100	29	
64/ 63		.5	1.1	3.8	2.9	1.2	.2																											91	91		103	48	
62/ 61		.9	1.4	2.8	2.7	1.2	.2																											90	90		119	81	
60/ 59	.2	1.1	2.6	1.7	.6	.6																												64	64		125	100	
58/ 57		.4	1.5	1.6	.6																													37	37		143	115	
56/ 55		.3	.9	.6																														17	17		98	131	
54/ 53			.5																															3	3		72	131	
52/ 51																																					36	93	
50/ 49																																					15	70	
48/ 47																																							58
46/ 45																																							32
44/ 43																																							21
42/ 41																																							12
TOTAL	.2	4.2	11.0	18.5	22.5	20.3	12.1	6.2	3.1	1.0	.2	.1																						936	936		936	936	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2954498	59746	63.8	12.273	936	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4437260	64104	68.5	7.087	936			52.2	27.2	7.3		63
Wet Bulb	3444842	56376	60.4	5.183	936			12.4	1.0			63
Dew Point	2885631	51693	55.2	3.737	936			2.1	.1			63

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR HEATER SERVICE/AC

PSYCHROMETRIC SUMMARY

2406P SA LIEFER GERNA Y/C LEIA' EAF

Q071

248

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0.B.			W.B.	Dry Bulb	Wet Bulb			
95/ 97																																			2	2					
96/ 95																			.1	.2						.1	.1									2	2				
94/ 93																										.1	.6											2	2		
92/ 91															.1												.2									17	17				
90/ 89																	.5	.3			.9	.9					.1								31	31					
88/ 87												.3	.5				.7	1.0	.4		1.4	1.2					.1								41	41					
86/ 85									.2	.3		.8	.7	1.0			.7	1.1		1.5	1.2														37	37					
84/ 83									.1	.2		.9	.8	1.0	1.1			1.1		1.5	1.1														42	42					
82/ 81									.2	.7		1.0	1.0	1.7				.6		.1															53	53					
80/ 79										.5		2.2	1.5	2.0						.3	.2														52	52					
78/ 77								.2	.5	1.4		1.2	1.5	.6					.2																49	49					
76/ 75					.2	.3		.5	1.2	1.6		2.4	.7																						51	51					
74/ 73				.1		.7		.9	1.7	3.1		1.2																							56	56	14				
72/ 71					.8	1.0		1.8	1.9	1.9		1.1	.2																						72	72	32	4			
70/ 69					.8	.9		1.6	1.2	1.6		.2																							57	57	34	7			
68/ 67					.9	1.7		1.8	1.2	1.9																										57	57	62	14		
66/ 65			.1	.4	2.7	1.8		1.0	1.4																											70	70	103	15		
64/ 63			.1	1.1	1.6		.8	1.2	.5																											45	45	93	27		
62/ 61			.3	1.2	.9		.8	1.1	.3																											42	42	114	51		
60/ 59			.9	.2	.6		.9	.1																												23	23	148	86		
58/ 57	.2		.3	.2	.6		.1																													13	13	101	107		
56/ 55			.5		.1		.1																													6	6	26	116		
54/ 53					.1		.1																														41	121			
52/ 51																																					23	103			
50/ 49																																					3	68			
48/ 47																																						51	51		
46/ 45																																						57	57		
44/ 43																																						29	29		
42/ 41																																						16	16		
40/ 39																																						4	4		
TOTAL		.2	2.3	4.0	9.0	9.3	10.9	12.9	16.0	12.4	9.3	7.3	4.3	.7	.7	.2																			882	882	882	882			

Element (X)	$\Sigma x'$	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.	2522262	45292	51.5	14.9	882							
Dry Bulb	4977662	65774	74.6	9.8	882			72.0	51.8	30.4	1.6	93
Wet Bulb	343599	54857	62.2	5.4	882			21.1	2.7			93
Dew Point	2637800	47940	54.4	6.9	882			2.6				93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34065 SA DUFFE, GERMANY/CELEA AAF 02

PAGE 1 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB - WB	DW - B	WB - DB	DW - B		
54/ 63																																			1	1		
56/ 55																																						
50/ 49																																						
TOTAL																																					1	1

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.	3844	62	62.0		1							
Dry Bulb	3969	63	63.0		1							93
Wet Bulb	3136	56	56.0		1							93
Dew Point	2500	50	50.0		1							93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406B SAARLÖREN GERMANY/COLEMAN AAF

60-64

PAGE 1 0300-0500

Temp		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
F	F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/	73																																		1	1		
70/	69																																		2	2		
68/	67																																		3	3		
66/	65																																		12	12	3	1
64/	63																																		11	11		4
62/	61																																		14	16	15	12
60/	59																																	15	16	15	13	
58/	57																																	16	16	27	16	
56/	55																																	23	23	15	11	
54/	53																																	4	6	19	27	
52/	51																																	12	12	14	15	
50/	49																																	5	5	11	15	
48/	47																																	2	2	3	9	
46/	45																																				3	
44/	43																																				1	
42/	41																																				1	
TOTAL		7.9	49.6	34.0	6.3																														127	127	127	127

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	562912	11019	86.8	7.380	127	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	438572	7435	58.5	5.120	127			4.4	7			93
Wet Bulb	403025	7131	56.1	4.562	127							93
Dew Point	380127	6923	54.5	4.665	127							93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAIGON, REPUBLIC OF VIETNAM/DA NANG AAF

59-71

PAGE 1 1600-0800

Time 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	DW-B	DB-R	DW-R	
78/77								.1																										1	1		
76/75								.1																										3	3		
74/73								.1																										4	5		
72/71								.2																										11	11		
70/69					.2	1.4		.6																									25	26		3	
68/67					.4	3.9		1.0																									60	60		1	
66/65					3.2	3.0		1.5																									91	91		13	
64/63		.5	4.5		3.2	2.0		.4																								124	126		53		
62/61		.5	6.5		4.0	1.1		.3																								131	131		93		
60/59		.3	5.6		4.7	2.0																										128	128		109		
58/57		.8	7.3		4.7	1.2																										139	139		136		
56/55		.8	7.0		4.2	.4																										123	123		130		
54/53		.3	4.3		2.9	.1																										70	70		138		
52/51		.3	3.0		.9																											42	42		138		
50/49		.4	1.5		.2																											21	21		109		
48/47		.4	.5		.1																											10	10		51		
46/45			.3																													3	3		22		
44/43																																				4	
42/41																																				2	
TOTAL		4.9	44.4	47.6	111.6	2.7		.6																								992	992		992		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7148884	83800	84.5	8.293	992							
Dry Bulb	2593429	59477	60.0	5.257	992			10.1	.8			93
Wet Bulb	3297248	56636	57.1	4.653	992			1.2				93
Dew Point	2039988	54698	55.1	4.816	992			.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

34068 SALLSBURY GERMAN Y/C/LEA AAF 59-70

100
1000

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	D.P.	Wet Bulb	Dep.	P.	
90/ 89																																				1	1		
86/ 85																		.2	.1																2	3			
84/ 83																		.3	.2	.1															11	11			
82/ 81																		.4	.3	.2															10	10			
80/ 79																		.1	.1	.1															28	28			
78/ 77																		.4	.4	.4	.1														32	32			
76/ 75																		.5	.5	.5	.1														54	56			
74/ 73																		.3	.3	.3	.1														64	64		1	
72/ 71																		.4	.4	.4	.2														72	72		1	
70/ 69																		.5	.5	.5	.2														108	108		25	
68/ 67																		.7	.7	.7	.2														128	125		7	
66/ 65																		.5	.5	.5	.2														128	128		111	
64/ 63																		.2	.2	.2	.2														147	147		133	
62/ 61																		.3	.3	.3	.3														117	117		136	
60/ 59																		.1	.1	.1	.1														85	86		172	
58/ 57																		.6	.6	.6	.6														33	33		149	
56/ 55																		.1	.1	.1	.1														22	22		138	
54/ 53																		.2	.2	.2	.2														4	6		79	
52/ 51																		.1	.1	.1	.1														1	1		24	
50/ 49																																						3	
48/ 47																																							
46/ 45																																							
44/ 43																																							
42/ 41																																							
TOTAL	.4	10	0	16	52	42	0	3	15	4	7	9	3	6	1	2	.2	.2	.1																1090	1090		1090	

Element (X)	Σx^2	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.	3171074	72448	69.0	12.916	1090							
Dry Bulb	4751594	70330	67.0	6.238	1090			45.2	16.2	3.4		68
Wet Bulb	3839216	63314	60.3	4.532	1090			9.3	.1			68
Dew Point	3318689	58787	56.0	3.106	1090			.4				68

USAFETAC FORM 34068 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406R SAUNDREY GERMANY/COLEMAN AAF

59-7

AUG

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	D.P.	W.B.	D.P.		
96/95																					.1	.1	.1	.4	.1									0	6				
94/93																					.1	.2	.2												4	5			
92/91													.1							.5	.4	.2	.3											15	15				
90/89												.2							.7	.2	.6	.2												15	19				
88/87												.2	.3						.7	.3	.4													24	24				
86/85												.3	.6	.7	1.1	1.2			.7	.5														27	27				
84/83												.8	.9	.5	1.2	1.3			.7	.5	.1													42	43				
82/81												.3	1.3	1.1	1.7	1.5			.7	.5														51	51				
80/79												.4	1.7	1.7	1.8	1.4			.7	.6														74	76				
78/77												.1	1.6	.9	1.9	1.9			.9	.6														64	64		2		
76/75						.2	.4	2.4	1.4	2.1	1.8								.7	.2														83	83		2		
74/73				.2	.6	.8	1.2	2.1	2.3	1.2									.7	.2														93	93		17		
72/71			.1	.3	.9	1.8	1.8	1.6	1.0																										77	77		34	
70/69		.1	1.1	1.2	1.3	1.8	2.2	2.2	1.0																										98	98		60	
68/67		.1	1.4	1.1	1.8	1.7	1.9	1.1																												91	91		102
66/65		.2	1.2	1.2	1.7	1.1	.8	.1																												63	63		104
64/63		.1	1.2	1.9	1.5	1.2	.3																													73	73		126
62/61		.6	.3	.4	.9	.3																														27	27		151
60/59		.3	1.1	.3	.3																															20	20		131
58/57	.1	1.1	.2	.2																																16	16		123
56/55		.4																																		4	4		87
54/53																																							35
52/51																																						11	
50/49																																							
48/47																																							
46/45																																							
44/43																																							
42/41																																							
40/39																																							
38/37																																							
TOTAL	.1	4.0	7.0	7.7	9.9	13.1	14.7	16.7	10.7	8.7	4.5	1.6	.8	.4	.1																				987	987		987	
Element (X)	Z X'	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.	2130957	53329	54.2	19.2	987	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																											
Dry Bulb	5416430	72664	73.8	8.2	987			73.9	48.8	23.2	1.2	93																											
Wet Bulb	3844308	61400	62.2	3.0	987			20.4	2.0			93																											
Dew Point	3019903	54281	55.0	3.9	987			1.3	.1			93																											

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

1 DATA PROCESSING DIVISION
USAF ETAC
AIR HEATER SERVICE/MAO

PSYCHROMETRIC SUMMARY

3406A SAIGON GERMANY/CULEMAN AAF

60-70

PAGE 1 100-2000

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL Wet Bulb - Dew P.
	0-1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	W.B.	D.W.															
94/ 93											.1						.3														3	3		
92/ 91												.4					.3														5	5		
90/ 89												.1	.3				.1													4	4			
88/ 87											.4	.4					.3		.3											10	10			
86/ 85										.1	.3		.3	.1	.1		.7													14	18			
84/ 83							.1	.5	.3		.4	.3		.4	.1		.1													17	17			
82/ 81						.1	.5	.6	.4	.7	.3																			21	21			
80/ 79					.4	.8	1.2	1.5	.1																					30	30			
78/ 77				.7	.8	1.1	.9	1.2	.4	.1	.1																			31	31			
76/ 75			.7	.8	2.2	1.6	2.3	.4	.3																					61	61			
74/ 73		.8	1.9	1.3	1.6	1.9	.3	.3																						60	60			
72/ 71	.5	1.7	.8	2.2	1.9	1.1																								61	61			
70/ 69	.4	1.1	1.6	2.7	2.8	1.5	.7																							50	50			
68/ 67	.4	2.3	1.9	2.3	2.2	1.9	.2																							81	81			
66/ 65	.9	1.9	2.2	3.2	1.3	.8	.1																							78	78			
64/ 63	.9	2.2	2.8	2.2	.7	.3																								67	7			
62/ 61	.1	.9	1.3	2.0	1.7	.8																								53	53			
60/ 59	.1	.4	1.2	1.1	.3	.4																								26	26			
58/ 57	.3	1.3	1.2	.4																										25	25			
56/ 55	.7	.7	.1																											11	11			
54/ 53	.1	.1																												2	2			
52/ 51																															18	18		
50/ 49																															1	1		
48/ 47																																		
46/ 45																																		
44/ 43																																		
42/ 41																																		
40/ 39																																		
TOTAL	.5	6.3	12.6	15.3	16.1	15.6	12.2	10.3	4.0	3.5	2.4	.4	.5																	744	744	744		

Element (X)	$\Sigma x'$	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.	2045839	46237	62.1	15.231	744							
Dry Bulb	3701058	52160	70.1	7.717	744			60.3	32.5	11.6	.4	93
Wet Bulb	2813333	43607	61.3	4.872	744			19.6	.6			93
Dew Point	2328446	41414	55.7	5.549	744			1.6				63

USAFETAC FORM 0-26.5 (O.L.A.) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34069 SA LOREN GERMAN/COLE AN AAF 60-64

SEP

PAGE 1 1300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/69					1.0													2	2																
68/67																		1	1																
66/65		2.7	.9		.9													5	5																
64/63			.9															2	2	3	2														
62/61		.9	9.0		.9													13	13	9	6														
60/59	2.7	6.3	.9		.9													12	12	14	9														
58/57	2.7	7.2	.9		.9													12	15	12	17														
56/55	4.5	7.2	1.8															15	15	14	10														
54/53		.9	2.7															4	4	11	9														
52/51			5.4	.9														7	9	4	12														
50/49			5.4	2.7														9	9	7	7														
48/47			5.4	2.7														9	9	0	6														
46/45	1.8	2.7																5	5	1	6														
44/43	1.8	3.6																6	6	2	9														
42/41	.9	1.8																3	3	3	6														
40/39	2.7																	3	3	4	5														
38/37	1.8																	2	3	2	4														
36/35																					1														
TOTAL	20.7	60.4	13.5	3.6	1.8													111	114	111	111														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	908119	10008	90.1	7.574	111			2.4				90
Wet Bulb	338036	6150	52.9	6.938	111							90
Dew Point	311607	5682	51.2	7.060	111							90

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34098 SA DCPRE DEKALBY/CLETON AAF

59-71

SEP

PAGE 1 1600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL															
	1	2	3	4	5	6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	DB	WB	D.P.	W.B.	D.P.	W.B.
70/69						.3		.1																										4		4		
69/67					.9	.3		.2																										13		13		
66/65			.6	1.1	1.0			.1																									24		26		1	
64/63			.9	2.1	.8																												35		35		25	
62/61	.4	4.0	2.6	.3				.2																									70		70		37	
60/59	1.1	4.5	2.4	1.0																													63		63		75	
58/57	2.2	6.5	3.7	.6																													120		120		106	
56/55	2.9	6.7	2.9	.2																													112		112		118	
54/53	1.7	6.5	3.2	.2			.1																										100		110		117	
52/51	.9	7.0	1.9	.3																													94		94		99	
50/49	1.5	4.4	1.4	.1																													69		69		101	
48/47	2.2	4.4	1.2	.1																													77		77		85	
46/45	1.2	3.4	.4	.1																													47		47		67	
44/43	1.3	2.1	.3	.1																													35		35		46	
42/41	.3	1.3																															15		15		24	
40/39	.2	.9																															11		11		15	
38/37	.1	.3																															6		6		5	
36/35																																						1
34/33																																						1
32/31																																						1
TOTAL	15.6	53.6	24.5	5.5	.5	.3																												924		933		924

Element (X)	ΣX^2	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.	7271800	81902	88.2	8.400	924							90
Dry Bulb	2770134	50498	54.1	6.298	924			1.00				90
Wet Bulb	2551894	48262	52.2	5.074	924							90
Dew Point	2406986	46842	50.7	5.919	924							90

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR EATER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SA DUFFEL GERMANY/CLEAF AAF

59-7

SEP

PAGE 1 1200-1400

DB/ WB	WET BULB TEMPERATURE DEPRESSION °F																															TOTAL		TOTAL			
	1	2	3	4	5	6	7	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	DB	WB		
86/ 83																																		4	4		
84/ 83																																		3	3		
82/ 81																																		2	2		
80/ 79																																		20	20		
79/ 77																																		38	38		
78/ 75																																		74	74		
74/ 73																																		74	75		
72/ 71																																		94	94	4	
70/ 69																																		84	84	7	
68/ 67	.1	.2	1.7	1.4	2.0	1.5	1.4																											119	119	27	1
66/ 65	.2	.3	1.9	1.6	2.3	1.8	1.7																											104	107	73	
64/ 63	.3	.4	2.1	1.8	2.5	2.0	1.9																											99	101	109	18
62/ 61	.4	.5	2.3	2.0	2.7	2.2	2.1																											92	95	135	57
60/ 59	.5	.6	2.5	2.2	2.9	2.4	2.3																											86	89	116	61
58/ 57	.6	.7	2.7	2.4	3.1	2.6	2.5																											87	90	156	97
56/ 55	.7	.8	2.9	2.6	3.3	2.8	2.7																											82	85	152	121
54/ 53	.8	.9	3.1	2.8	3.5	3.0	2.9																											77	80	147	116
52/ 51	.9	1.0	3.3	3.0	3.7	3.2	3.1																											72	75	142	111
50/ 49	1.0	1.1	3.5	3.2	3.9	3.4	3.3																											67	70	137	106
48/ 47	1.1	1.2	3.7	3.4	4.1	3.6	3.5																											62	65	132	101
46/ 45	1.2	1.3	3.9	3.6	4.3	3.8	3.7																											57	60	127	96
44/ 43	1.3	1.4	4.1	3.8	4.5	4.0	3.9																											52	55	122	91
42/ 41	1.4	1.5	4.3	4.0	4.7	4.2	4.1																											47	50	117	86
40/ 39	1.5	1.6	4.5	4.2	4.9	4.4	4.3																											42	45	112	81
38/ 37	1.6	1.7	4.7	4.4	5.1	4.6	4.5																											37	40	107	76
36/ 35	1.7	1.8	4.9	4.6	5.3	4.8	4.7																											32	35	102	71
34/ 33	1.8	1.9	5.1	4.8	5.5	5.0	4.9																											27	30	97	66
32/ 31	1.9	2.0	5.3	5.0	5.7	5.2	5.1																											22	25	92	61
TOTAL	4.2	7.7	15.0	16.4	27.7	16.9	16.9	4.0	2.4																									960	970	960	

Element	X ²	Σ X	Σ X ²	Σ X	No. Obs	Mean No. of Hours with Temperature					Total	
Re. Hum.	3577671	37101	59251	3769	960	- 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Dry Bulb	4475731	65597	6726	6299	970			49.4	21.8	2.6		90
Wet Bulb	3328686	56354	5827	4624	960			3.6				90
Dew Point	2666359	9259	424	6054	960			1.2	0.1			90

USAFETAC FORM 0-265 (O.A.) REVISION 10-64 (REV. 11-64) (1-65)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

34008 SA DUEPE GERMANY/OMLE AAF

59-72

SEP

PAGE 1 1500-1700

		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL						
		1	2	3	4	5	6	7	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.	D.P.	B.P.	Wet B.	Rel. H.		
88/ 87															.2																					7	2			
86/ 85															.2	.2			.2	.3	.4														9	5				
84/ 83														.2	.2	.2			.3	.4															13	13				
82/ 81														.1	.3	.2			.4	.5	.1														27	27				
80/ 79													.2	.3	1.1	.4			.3	.5															31	31				
78/ 77													.2	.4	2.1	2.0			1.9	.4	.1														73	73				
76/ 75													.4	1.1	2.5	1.7			.3	.4															64	44				
74/ 73													.1	.9	1.0	2.8	1.1		1.7	.5	.1														52	52		4		
72/ 71														1.1	1.9	2.7	1.5		.9	.1	.5														50	50		3		
70/ 69														.1	1.2	2.3	2.3		1.9	2.3																94	94		15	
68/ 67														.1	1.0	1.1	2.5	1.9	1.3																	37	30		34	
66/ 65														.3	.7	1.7	2.1	3.7	1.2	.3																96	97		73	
64/ 63														.5	.4	1.9	1.5	2.2	.9	.3																72	73		109	
62/ 61														1.0	.4	1.9	2.3	1.9	.3	.1																66	69		127	
60/ 59														.1	.5	2.0	1.7	1.5	.9	.3	.1															67	63		113	
58/ 57															1.1	1.4	.3	.9	.5																		37	37		129
56/ 55															.7	.0	.1	.1	.1																		16	16		149
54/ 53															.4	.1	.1	.1																			7	7		79
52/ 51															.1	.1	.1	.1																			4	4		47
50/ 49															.1																						1	1		15
48/ 47																																								11
46/ 45																																							2	
44/ 43																																								
42/ 41																																								
40/ 39																																								
38/ 37																																								
36/ 35																																								
34/ 33																																								
32/ 31																																								
TOTAL															.2	4.9	7.4	10.1	14.8	19.5	17.5	14.6	6.1	3.1	2.0	.1										918	924		918	

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3197791	52509	57.2	14.556	918	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	4427991	63617	68.8	7.206	924			34.3	29.3	6.3		90
Wet Bulb	2229274	54264	59.1	5.072	918			3.8	.4			90
Dew Point	2540174	47964	52.2	4.101	918		.2	.6				90

USAFETAC FORM 0265 (OL A) 1 JUL 64 (REPLACES FORM 0265-1 AND 0265-2)

PSYCHROMETRIC SUMMARY

34009 SA DULRE DEFRASV/CLEBAR AAF

60-70

PAGE 1 1800-2000

Time	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	TOTAL			
	1	2	3	4	5	6	7	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.			D.P.	B.	
86/ 85																																		1	1			
84/ 83													.1																					1	1			
82/ 81												.3	.3						.1	.1													4	6				
80/ 79									.4	.1	.3	.3	.1																					7	9			
78/ 77								.1	.7	.6									.1															11	11			
76/ 75							.6	1.2	1.7	.4									.4															23	29			
74/ 73				.7	.4	1.4	.6	.3																										24	24			
72/ 71			.1	.6	2.0	2.0	.7	.1											.1															41	41		1	
70/ 69			1.1	2.7	2.0	1.3	1.3	.4																										67	42		2	
68/ 67		.1	2.0	2.4	3.0	2.3	1.1																											77	77		25	
66/ 65		.4	2.0	3.1	1.9	1.9	.9																											73	73		43	
64/ 63		.6	1.9	3.3	2.9	2.1																												75	75		72	
62/ 61	.1	.5	3.4	2.9	2.4	.7	.1																											72	72		78	
60/ 59		2.0	3.1	4.3	1.4	.6	.1																											81	82		75	
58/ 57		1.0	4.4	2.7	1.9																														70	71		112
56/ 55		1.0	2.7	.9	.7																														37	27		96
54/ 53		1.6	.4	.6	.1																														19	19		99
52/ 51		.4	.4	.1																															7	7		54
50/ 49		.1	.1	.3																															4	4		22
48/ 47																																					10	
46/ 45																																				4		53
44/ 43																																						19
42/ 41																																						15
40/ 39																																						6
34/ 33																																						1
TOTAL	.1	7.9	22.2	24.6	19.5	14.4	7.7	2.0	1.0	.6																								699	701		699	

Element (X)	$\sum x'$	$\sum x$	\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.	3391763	47915	68.51	2.298	699							
Dry Bulb	2941734	45180	64.5	6.530	701			32.5	10.4	1.7		90
Wet Bulb	2367173	40529	58.0	4.971	699			4.4				90
Dew Point	2017396	37346	52.4	5.625	699							90

USAF ETAC FORM 34 0-26 5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34069 SANDERF GERDA/COLEMAN AAF 63

SEP

PAGE 1 2100-2310

Element (X)	Σ x ²	Σ x	x̄	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.	1520	180	90.0		2							90
Dry Bulb	5032	108	54.0		2							90
Wet Bulb	5513	108	52.5		2							90
Dew Point	5202	102	51.0		2							90

USAFETAC FORM 0-26.5 (O. A.) REUSED PREVIOUS EDITIONS OF THIS FORM ARE PROHIBITED
 JUL 64

1

DATA PROCESSOR: T10131
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34058 SA LIFE DEPTA V/C/LR A 24F

61-74

PAGE 1 300-7500

		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	Dp	Wb	Dp	Wb	Dp		
62/ 61						1.0																														1		1				
60/ 59		1.0	3.1																																	4		4			2	2
58/ 57			2.1																																5		5			3	3	
56/ 55			4.1																																6		6			3	3	
54/ 53		1.0	5.2	3.1																															7		7			3	3	
52/ 51		2.1	4.1	2.1																															8		8			5	5	
50/ 49		1.0	3.1	3.1																															7		7			3	3	
48/ 47		1.0	5.2	2.1																															12		12			7	7	
46/ 45		3.1	6.2																																11		11			14	14	
44/ 43		3.1	5.2	2.1																															12		12			13	13	
42/ 41		2.1	5.2																																7		7			10	10	
40/ 39		4.1	4.1																																9		9			11	12	
38/ 37		2.1	3.1																																9		9			6	9	
36/ 35		2.1	2.1																																6		6			5	6	
34/ 33		2.1	1.0																																3		3			3	4	
32/ 31																																									1	1
30/ 29		1.0	1.0																																2		2			2	1	
28/ 27																																									1	1
TOTAL		25.8	60.8	12.4	1.0																															97		97			97	97
Element (X)	ΣX^2	ΣX	\bar{X}	Σx^2	No. Obs.	Mean No. of Hours with Temperature					Total																															
Rel. Hum.	13774	8858	91.2	7.119	97	0 F	32 F	67 F	73 F	80 F	93 F	93																														
Dry Bulb	211372	4478	46.2	7.104	97		1.9					93																														
Wet Bulb	199694	4352	44.9	6.799	97		1.9					93																														
Dew Point	189719	4239	43.7	6.824	97		2.9					93																														

USAF ETAC FORM 0-265 (CC-A) 10-64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34088 SA D-088-08888 COLLETA AAF

59-70

001

PAGE 1 0600-0900

		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL						
		1	2	3	4	5	6	7	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	DB-B	WB-B	DB-F	WB-F					
65/65																																			2	2						
64/63																																			2	2						
62/61																																			15	15	1					
60/59																																			13	18	17	8				
58/57																																			51	51	32	22				
56/55																																			72	72	55	36				
54/53																																			76	76	64	52				
52/51																																			92	92	84	81				
50/49																																			89	86	85	89				
48/47																																			100	100	88	66				
46/45																																			111	111	123	96				
44/43																																				80	88	117	112			
42/41																																				55	55	79	98			
40/39																																				54	55	61	89			
38/37																																				53	53	58	61			
36/35																																				50	50	35	55			
34/33																																				24	24	34	33			
32/31																																				13	13	11	22			
30/29																																				9	9	13	20			
28/27																																				2	2	3	5			
26/25																																							1	1		
TOTAL																																							960	960	960	960

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.	7916012	66840	90.5	7.818	960							
Dry Bulb	2175858	45174	47.1	7.231	960		2.3					93
Wet Bulb	2045062	43822	45.6	6.826	960		2.6					93
Dew Point	1937519	42541	44.3	6.876	960		4.7					93

USAFETAC FORM 0-26-5 (OLA) JUL 64

1

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

PSYCHROMETRIC SUMMARY

3406A SAID OFE GERMANY/CELESTIAAF 59-70
STATION NAME

PAGE 1 0001-100

Temp F	WET BULB TEMPERATURE DEPRESSION F																							TOTAL WET BULB DEPRESSION	TOTAL WET BULB TEMPERATURE	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44			
74/73												.1												1	1	
72/71					.1		.2					.1												2	2	
70/69							.1		.1															2	2	
68/67							.4		.3															7	7	
66/65			.2		.2		.6		.3															14	16	
64/63			.2		.6		1.6		.3		.1													21	31	
62/61			1.0		1.3		1.6		.4															44	44	
60/59			1.0		2.0		1.2		.4		.2													55	55	
58/57			2.8		3.7		1.0		.7		.5													95	95	
56/55	.3		4.5		2.6		2.0		.7		.1													107	107	
54/53	.3		2.3		2.8		3.0		1.0		.2													97	97	
52/51	.7		3.0		3.4		1.7		.2															93	93	
50/49	.7		4.1		3.0		1.0		.2															97	98	
48/47	1.4		3.6		4.9		1.0																	112	112	
46/45	2.2		4.7		2.3		.4																	100	100	
44/43	1.5		2.0		1.4																			57	48	
42/41	.7		2.3		.7		.1																	39	29	
40/39	.9		1.5		.9																			27	27	
38/37	1.0		1.5		.1																			24	26	
36/35	.7		.4																					11	11	
34/33	.3		.3																					4	6	
32/31	.2		.1																					2	3	
30/29																									4	4
TOTAL	10.73	6.72	9.01	7.0	4.7	1.3	.2																	1032	1032	

USAFETAC FORM 026-5 (O/LA) 10-54

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7081255	44655	52.01	1.227	1032	< 67 F	67 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	2770163	52949	51.3	7.274	1032		.3	1.2	.1			93
Wet Bulb	2457881	49939	48.4	6.330	1032		.4	.1				93
Dew Point	2203282	47202	45.7	6.358	1032		1.4					93

DATA PROCESSING DIVISION
 SAF ETAC
 AIR WEATHER SERVICE/ AOC

PSYCHROMETRIC SUMMARY

34008 SAHLEHFEH DEHNAY/COLEMAN AAF 59-70

PAGE 1 1200-1400

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	1-2	3-4	5-6	7-8	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	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb				
84/ 83																																			1	1
80/ 79																																			1	1
78/ 77																																			1	1
76/ 75																																			2	3
74/ 73																																			2	6
72/ 71																																			12	12
70/ 69																																			21	21
68/ 67																																			24	26
66/ 65																																			44	44
64/ 63																																			65	65
62/ 61																																			72	79
60/ 59																																			75	75
58/ 57																																			80	80
56/ 55																																			101	101
54/ 53																																			121	121
52/ 51																																			99	99
50/ 49																																			102	102
48/ 47																																			102	102
46/ 45																																			102	102
44/ 43																																			117	117
42/ 41																																			117	117
40/ 39																																			114	114
38/ 37																																			114	114
36/ 35																																			101	101
34/ 33																																			111	111
32/ 31																																			111	111
30/ 29																																			11	58
28/ 27																																			18	27
TOTAL	1.4	18.6	20.7	22.5	19.7	10.2	5.2	1.4																											1004	1004

Element (X)	Σ x ²	Σ x	\bar{x}	s ²	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3154548	70574	70.2	13.897	1004	= 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb	3337518	37380	37.2	7.619	1004			10.6	2.1	.1		93
Wet Bulb	2711218	31835	31.6	5.920	1004			.1				93
Dew Point	2259364	47196	47.0	6.292	1004		.5					93

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

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34056 SANDERFELD GERMANY/CWLERAF BAF 59-72

PAGE 1 1500-1700

		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																				
		1	2	3	4	5	6	7	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.	D.B. - W.B.	Wet Bulb	Dry Bulb																			
84/83																																			7	2																			
82/81																																						1	5																
80/79													.1																									1	5																
78/77													.2																										3	3															
76/75												.3	.3																										2	8															
74/73							.1	.3				.5	.6																										1	19															
72/71							.5	.9				.9	.9																											33	33														
70/69							.7	1.1				1.2	1.2							.1	.1																			32	32														
68/67						.0	1.6	1.2				1.1	1.1							.1	.1																			4	4														
66/65			.0			2.1	1.2	1.9				1.2	1.2																													71	71		14										
64/63			.1	1.7		1.9	2.1	1.3				.7																															75	75		23									
62/61			.2	2.5		1.2	1.0	1.5				1.1	.1																															64	64		43								
60/59			.0	1.8		2.5	2.2	1.5				.0																																	97	97		82							
58/57			1.8	1.2		3.7	2.3	1.2																																					99	99		102							
56/55			2.4	2.6		2.3	3.4	.7																																						110	110		92						
54/53			1.3	4.0		3.0	1.6	.2																																					98	98		93							
52/51			1.1	1.9		1.5	.2	.2																																					42	42		135							
50/49			1.9	1.6		1.2	.4																																					49	49		94								
48/47		.1	1.7	2.1		.4																																							47	47		115							
46/45		.5	2.6	1.3		.2	.2																																						47	47		65							
44/43			.9	.7																																									16	16		56							
42/41			.9	.3		.1																																							13	13		29							
40/39			.1																																									1	1		14								
38/37			.1																																									1	1		3								
36/35																																															1	1		19					
34/33																																																		4	4		4		
32/31																																																		4	4		4		
30/29																																																		4	4		2		
28/27																																																				2	2		
TOTAL			.616	.022	.121	.017	.712	.6	6.3	2.1	1.2	.1	.2																																							965	965		965

Element (X)	$\sum x'$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4763693	66289	58.814	271	965	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Dry Bulb	2322715	56195	58.2	7.909	965			14.2	3.3	.4		93
Wet Bulb	2674716	50470	52.2	6.033	965			.6				93
Dew Point	2209425	45742	47.4	6.530	965		1.0					93

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

DATA PROCESSING DIVISION
 USAF ETAS
 AIR FATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

3400R SA DURE PERSON/Y/SELE AIR RAE

01-71

707

PAGE 1 1900-2000

DB/ WB	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	1	2	3	4	5	6	7	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. Diff.	Wet-B		
76/ 75																																		1	1
74/ 73																																		4	4
72/ 71																																		2	6
70/ 69																																		4	4
68/ 67																																		5	9
66/ 65																																		22	22
64/ 63																																		38	38
62/ 61																																		43	43
60/ 59																																		70	44
58/ 57																																		50	57
56/ 55																																		72	79
54/ 53																																		74	67
52/ 51																																		62	73
50/ 49																																		62	63
48/ 47																																		63	92
46/ 45																																		37	79
44/ 43																																		24	45
42/ 41																																		15	32
40/ 39																																		4	14
38/ 37																																		7	8
36/ 35																																		2	3
34/ 33																																		2	12
32/ 31																																		1	1
30/ 29																																		1	1
28/ 27																																		2	2
TOTAL	4.63	1.53	2.12	3.4	5.9	1.9	.3	.1																									691	691	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4422047	54813	79.2	11.076	691							
Dry Bulb	2061192	37428	54.2	7.010	691			3.2	.7			93
Wet Bulb	1797334	34986	50.6	6.134	691		.1	.1				93
Dew Point	1597943	22925	47.6	6.497	691		.5					93

USAFETAC FORM 0-20-5 (OLA) JUL 64 REVISION 10-1-64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34066 SA BUREY DEPTA Y/C-LE AAF 61-64,86

PAGE 1 1300-1500

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.	D.B.	W.B.		
58/57				1.0																														2	2			
56/55					1.0																													1	1	1		
54/53						1.0																												1	1	1	1	
52/51				1.0																														2	2	2		
50/49					1.0																													4	4	2	2	
48/47						1.0																												16	16	4	5	
46/45							1.0																											4	4	13	6	
44/43								1.0																										3	3	7	7	
42/41									1.0																									15	15	13	9	
40/39										1.0																								10	10	9	11	
38/37											1.0																							10	10	9	12	
36/35												1.0																						9	9	9	9	
34/33													1.0																					10	10	14	9	
32/31														1.0																				17	12	7	15	
30/29															1.0																			4	4	1	8	
28/27																1.0																		2	2	2	4	
26/25																	1.0																	2	3	4	4	
24/23																		1.0																1	1	3	4	
22/21																			1.0																		2	1
20/19																					1.0																1	2
TOTAL	17.4	71.6	10.1																															109	109	109	109	

Element (X)	Σx^2	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.	874477	9737	89.2	6.874	109							90
Dir. Bulb	171916	4250	39.0	7.980	109		19.8					90
Wet Bulb	180040	4106	37.7	7.050	109		21.5					90
Dew Point	147073	3929	36.0	7.103	109		31.4					90

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

DATA PROCESSING CENTER
 USAF ETAC
 AIR WEATHER SERVICE/AGC

PSYCHROMETRIC SUMMARY

34008 SA. DUFFER DEBRA V/COLEMAN DAF 59-72

PAGE 1 1500-2820

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	De-w. Pt.				
64/63				.1				.1																										2	2					
62/61							.1	.2																										2	2					
60/59							.2																											2	2		1			
58/57			.2	.3	.4																													7	9		1			
56/55			.6	.7	.2	.3																												12	14		3			
54/53			.2	.4	.2	.2																													23	22	14	3		
52/51			.6	1.0	.0	.0																													28	26	11	10		
50/49			2.9	3.7	.2	.2																													65	65	25	16		
48/47	.2	4.0	1.9				.1																												54	56	64	20		
46/45	.6	5.9	2.1																																	75	78	71	54	
44/43	.2	5.4	1.8																																		59	65	90	82
42/41	2.2	5.0	1.3																																	77	77	61	90	
40/39	1.6	7.4	1.7																																	95	95	79	99	
38/37	2.1	3.6	.7																																	57	57	64	92	
36/35	1.9	6.1	.6																																	77	77	68	78	
34/33	2.1	7.5	.4																																	90	90	92	69	
32/31	3.8	3.6	.2																																		75	70	90	114
30/29	2.1	3.6	.2																																		52	52	60	75
28/27	.6	.6																																		12	12	26	35	
26/25	.9	.7																																		14	14	11	35	
24/23	.8	.1																																			8	8	12	12
22/21	.3																																			3	3	3	11	
20/19																																							4	4
18/17																																							3	3
TOTAL	19.7	58.5	17.5	3.0	1.2																															895	695	895	895	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6863891	78103	87.3	8.732	895	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dr. Bulb	1500324	25976	40.2	7.787	895		16.0					90
Wet Bulb	1374231	24215	38.6	6.956	895		20.3					93
De-w Point	1227681	22725	36.6	6.782	895		29.1					93

USAFETAC FORM 84 0.265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

3406A SAUBEREN GERMAN V/OLETA WAF
STATION NAME

59-7

DATE 1 1900-1100

Time	WET BULB TEMPERATURE DEPRESSION F																															TOTAL DB	TOTAL WB	TOTAL DP				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
68/67																																			1	1		
66/65																																			1	1		
64/63																																			2	2		
62/61																																			3	3		
60/59																																			4	4		
58/57																																			14	14	3	
56/55																																			27	27	7	
54/53																																			54	54	14	5
52/51																																			64	64	14	14
50/49																																			83	83	34	15
48/47																																			99	99	29	29
46/45																																			73	73	82	69
44/43																																			78	78	124	88
42/41																																			98	98	66	127
40/39																																			98	98	84	87
38/37																																			37	37	108	75
36/35																																			89	89	108	118
34/33																																			93	93	69	109
32/31																																			49	49	86	92
30/29																																			20	20	31	69
28/27																																			9	9	17	41
26/25																																			4	4	5	22
24/23																																			4	4	5	8
22/21																																					1	7
20/19																																						3
18/17																																						1
TOTAL	11.6	59.6	77.9	5.2	1.4	.2																												975	975	975		

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	6993567	82059	84.2	9.462	975		7.9	.1				90
Wet Bulb	179630	38728	39.7	6.813	975		13.4					90
Dew Point	1392001	36201	37.2	6.444	975		22.4					90

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

DATA PROCESSING UNIT
 USAF ETAC
 AIR WEATHER SERVICE/40

PSYCHROMETRIC SUMMARY

34058 SA 01 FEB 71 1700-1700 29-7

1500-1700

Time	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL	TOTAL		
	1	2	3	4	5	6	7	8	9	10	11	12				
08/ 07																
06/ 05																
04/ 03																
02/ 01																
00/ 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																
TOTAL	3.9	39.0	34.0	14.0	5.2	1.5	.2							915	915	915

USAFETAC FORM 0-26.5 (OL A) 15 FEB 68 (REV. 10-64)

Element	Σx'	Σx	x̄	s _x	No. Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	83 F	
Rel. Hum.	3762924	71858	78.5	1.442	915							
Dry Bulb	1910970	41266	45.1	7.319	915	2.9	1.1					90
Wet Bulb	1647071	38397	42.0	6.257	915	5.0						90
Dew Point	1395111	25245	38.5	6.297	915	12.0						90

DATA PROCESSING UNIT
 SAFETY
 AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

3400R SOUTHERN REGIONAL VOLUME 40-7

PAGE 1 1900-2000

		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
		1	2	3	4	5	6	7	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. Diff.	D.B. W.B. Diff.	Total	Total	
64/63																																		2	2		
62/61																																		4	4		
60/59				.1																													15	15	2		
58/57				.3																													15	15	4		
56/55				.4																													14	14	4	6	
54/53				.4																													27	20	11	4	
52/51				.1																													35	35	24	4	
50/49				.1																													53	43	33	20	
48/47				.3																													51	41	55	33	
46/45				.1																													53	43	74	50	
44/43				.3																													64	64	69	44	
42/41				.1																													62	62	68	71	
40/39				.1																													62	42	58	76	
38/37				.9																													63	63	71	48	
36/35				1.2																													59	59	72	72	
34/33				2.5																													22	52	76	80	
32/31				.7																													23	23	30	81	
30/29				.3																													13	13	22	31	
28/27				.1																													1	1	9	15	
26/25																																				11	
24/23																																				11	
22/21																																				3	
TOTAL				134	479	91	63	160	.4																								487	660	680	680	

Exposure	Z ₁	Z ₂	X̄	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.	4734922	26373	22.9	9.299	680							90
D.B. Diff.	1292437	29233	43.4	7.253	680		4.9					90
Wet Bulb	1152689	27651	40.4	6.457	680		8.1					90
Dew Point	1008617	25815	38.0	6.312	680		20.1					90

USAFETAC Form 0-265 (Rev. 4-64)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SECTION/AC

PSYCHROMETRIC SUMMARY

3400P SA DRUMPER DEBRA M/CALENDAR HAF

PAGE 1 2100-2300

Time F	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTAL	
	1	2	3	4	5	6	7	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.	D.B. - Dew Pt.		
54/ 53	14.3																															1	1		
52/ 51																																		1	1
48/ 47	14.3																															1	1		
46/ 45	14.3																															1	1	1	1
44/ 43																																		1	1
42/ 41	20.0																															2	2	1	1
40/ 39	14.3																															1	1	2	1
38/ 37	14.3																															1	1		2
36/ 35																																			1
34/ 33																																			1
TOTAL	14.355.7																															7	7	7	7

Element (X)	ΣX^2	ΣX	\bar{X}	S^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.	2270	624	39.1	2.232	7							90
Dry Bulb	13596	206	43.7	5.469	7							90
Wet Bulb	12696	296	42.7	5.469	7							90
Dew Point	11609	285	40.7	5.851	7							90

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

DATA PROCESSING UNIT
 USAF ETAC
 AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

34008 SA 2 4 8 1 2 3 4 5 6 7 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 33
 01-66

1966-75°0

		WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTAL				
		1	2	3	4	5	6	7	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	33	DB	WB	DB	WB	
60/	59					1.2																													1	1			
58/	57			1.2																															1	1			
56/	55				1.2																														1	1			
54/	53	1.2			1.2																														2	2		2	
52/	51			1.2																															1	1			
50/	49				2.4	1.2																													3	3		2	
48/	47																																			1	1		2
46/	45			1.2																															1	1		1	
44/	43				1.2	1.2																													2	2		1	
42/	41																																			1	1		1
40/	39					7.2	2.4																												8	8		2	
38/	37					6.0																													6	6		2	
36/	35					4.8																													4	4		2	
34/	33	2.4	1.2	3.6	1.2																														14	14		8	
32/	31	2.4		6.0																															7	7		9	
30/	29	1.2		2.4																															3	3		9	
28/	27	2.4		2.4																															6	6		6	
26/	25	3.6																																	3	3		8	
24/	23	1.2		2.4																															2	2		2	
22/	21	2.4																																	2	2		2	
20/	19	6.0		2.4																															7	7		4	
18/	17	3.6																																	3	3		4	
16/	15	1.2		2.4																															3	3		4	
14/	13	2.4		1.2																															3	3		1	
12/	11			1.2																															1	1		2	
10/	9	1.2																																	1	1		1	
8/	7																																				1	1	
6/	5																																				1	1	
TOTAL		31.3	39.0	8.4	1.2																														83	83		93	

Element	X	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel Hum	629436	7202	86.8	7.418	93							93
Dw. Bulb	93868	2620	31.7	1.333	93		46.8					93
Wet Bulb	8511	2528	30.9	1.542	93		54.9					93
Dew Point	7523	2332	28.1	1.881	93		62.9					93

USAF ETAC FORM 0-26.5 (1-1-61) REVISION 1-61-61
 1-61-61

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34068 SAUCOFF, GERALD V/C, LEVAL, AAF

59-71

DEC

PAGE 1 0600-0800

		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
		1	2	3	4	5	6	7	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.	D.B.	W.B.			
60/	59																																	2	2				
58/	57				.2	.4																												7	7		1		
56/	55				.1	.4																												4	5	2	2		
54/	53					.2																												4	4	6	2		
52/	51					.2																												6	9	4	2		
50/	49					.2	.2																											12	12	12	10		
48/	47				1.0	1.0																												24	24	9	10		
46/	45				.2	2.0	1.2																											36	36	21	12		
44/	43					3.1	1.1																												47	40	35	16	
42/	41					1.7	.9																												25	25	42	30	
40/	39				.7	5.1	2.0																												77	77	33	50	
38/	37				.7	6.4	2.0																												82	82	79	29	
36/	35				2.1	9.2	2.7																												103	108	122	84	
34/	33				2.0	8.0	2.0																												112	112	104	119	
32/	31				2.0	4.3	2.1																												65	65	104	118	
30/	29				3.2	3.2	2.2																												78	78	81	89	
28/	27				2.1	2.4																													41	41	56	74	
26/	25				1.5	1.7																													29	29	29	51	
24/	23				1.4	2.9																													39	39	34	41	
22/	21				2.4	1.0																													31	31	43	41	
20/	19				1.2	1.1																													21	21	20	36	
18/	17				1.3	.2																													14	14	15	22	
16/	15				1.1	.0																													15	15	12	19	
14/	13				.9	.5																													15	15	14	13	
12/	11				.0	.1																													5	6	10	8	
10/	9				.4																														4	4	5	7	
8/	7				.3																														3	3	3	12	
6/	5																																						
4/	3																																						
TOTAL		25	85	9	51	3	0	1	1																											904	904	904	904

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6921434	78796	87.2	7.681	904	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Dr. Bulb	192797	30337	33.6	9.095	904		37.1					93
Wet Bulb	1704229	29151	32.2	8.439	904		44.2					93
Dew Point	84069	27169	30.1	8.047	904		55.3					93

USAFETAC FORM 0-26-5 (OL A) REVISION 10-64
 FORM 0-26-5 (OL A) REVISION 10-64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34068 SA DUFFE, GERMANY/CJLE AT AAF

59-70

PAGE 1 1900-1100

		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL				
		1	2	3	4	5	6	7	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	DB	WB		
62/	61																																	2	2			
60/	59																																	4	4			
58/	57																																	3	3			
56/	55																																	4	5		6	
54/	53																																	7	7		6	
52/	51																																	10	10		6	
50/	49																																	17	17		12	
48/	47																																	31	31		16	
46/	45																																	36	36		7	
44/	43																																	66	66		12	
42/	41																																	48	48		29	
40/	39																																	63	63		50	
38/	37																																	123	123		71	
36/	35																																	106	106		94	
34/	33																																	107	107		129	
32/	31																																	78	78		118	
30/	29																																	50	50		101	
28/	27																																	55	55		73	
26/	25																																	41	41		53	
24/	23																																	40	40		43	
22/	21																																	28	28		41	
20/	19																																	20	20		45	
18/	17																																	17	17		30	
16/	15																																	16	16		14	
14/	13																																	9	9		13	
12/	11																																	1	1		13	
10/	9																																	3	3		8	
8/	7																																	3	3		4	
6/	5																																				3	3
4/	3																																				2	2
2/	1																																				1	1
TOTAL		19.4	59.0	19.7	1.7	.1																													992	992		992
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum	7241284	64334	65.0	6.500	992	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																											
Dry Bulb	1262591	34273	34.5	6.899	992		33.8					63																										
Wet Bulb	114422	32696	33.0	6.196	992		41.7					63																										
Dew Point	987066	30142	30.4	8.476	992		52.9					63																										

USAFETAC FORM 0-26.5 (OL A) REVISIO METHOD EDITORIAL INSTRUCTIONS ARE AVAILABLE

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34008 SULLY FIELD, WHEELER AFB, OKLAHOMA 59-7000
 LOCATION NAME WEATHER STATION
 PAGE 1 1200-1400

Time		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
F	D	1	2	3	4	5	6	7	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	DB	WB			
04/	63																																		1	1			
52/	61																																		2	2			
60/	59																																		2	2			
58/	57																																		4	6			
56/	55																																		4	6			
54/	53																																		17	16	4	2	
52/	51																																		16	16	11	6	
50/	49																																		24	24	14	9	
48/	47																																		42	42	12	11	
46/	45																																		63	63	25	16	
44/	43																																		65	66	51	18	
42/	41																																		67	62	99	33	
40/	39																																		90	90	46	55	
38/	37																																		117	117	11	77	
36/	35																																		94	94	124	101	
34/	33																																		83	83	100	114	
32/	31																																		68	68	89	105	
30/	29																																		59	59	67	93	
28/	27																																		43	43	68	69	
26/	25																																		19	19	29	60	
24/	23																																		29	29	23	51	
22/	21																																		12	10	23	43	
20/	19																																		19	13	14	34	
18/	17																																		11	11	6	18	
16/	15																																		4	6	4	5	
14/	13																																		1	1	3	15	
12/	11																																		1	1	1	4	
10/	9																																				1	1	7
8/	7																																					1	2
6/	5																																					1	1
4/	3																																					1	1
2/	1																																					1	1
TOTAL		13	149	283	4	6	2		.9	.1																									949	949	949	949	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum.	6204103	76102	80.210	8.221	949	≤ 0 F	< 32 F	≥ 67 F	> 73 F	> 80 F	> 93 F																												
Dry Bulb	1364161	25167	37.1	6.279	949		25.5				93																												
Wet Bulb	1202911	33017	34.8	7.534	949		33.7				93																												
Dew Point	992691	29723	31.2	8.071	949		49.5				93																												

USAFETAC FORM 0-26.5 (OL A) REVISED PERIODIC EDITIONS OF THIS FORM ARE AVAILABLE
 12-64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34008 SANDROFF DEPT/AF/OWLETTA AAF

59-72

286

PAGE 1 100-1700

Time		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL					
F	D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew P.		
62/	61					.1	.1																											2	2				
60/	59					.2	.1																											4	4				
58/	57		.2		.3																													6	5	2			
56/	55				.4																													4	4	5	3		
54/	53			.2	.3																													4	5	3	3		
52/	51	.2	.3		.3		.1																											11	11	13	2		
50/	49		.3		.4		.7		.2																									23	23	12	8		
48/	47		.8		2.1		1.2																											37	37	7	16		
46/	45		2.3		4.5		1.0																											71	71	30	13		
44/	43		2.7		2.3		.4																											60	60	46	12		
42/	41		2.3		2.7		.9																											53	53	94	31		
40/	39		3.2		3.2		.9																											99	99	53	67		
38/	37	.3	7.7		3.4		.1																											105	105	90	67		
36/	35	1.5	7.4		2.0		.1																											127	127	135	97		
34/	33	1.0	4.8		2.3		.1																											74	74	100	121		
32/	31	1.1	3.4		1.2																													52	52	71	103		
30/	29	1.2	3.4		1.0		.1																											52	52	66	62		
28/	27	1.9	2.9		.2																														44	44	59	59	
26/	25	.9	1.9		.2																														27	27	32	59	
24/	23	1.0	2.2		.3																														32	32	23	60	
22/	21	.4	1.0																																13	13	23	40	
20/	19	.3																																	3	2	10	26	
18/	17	.3	.3																																5	6	3	17	
16/	15	.1	.4																																5	5	7	8	
14/	13	.1	.2																																3	3	4	6	
12/	11																																					2	2
10/	9																																					3	3
8/	7																																					2	2
6/	5																																					1	1
4/	3																																					1	1
TOTAL		10.55	1.43	1.2	5.6	1.2																													904	904		904	

Element (X)	Σx	Σx^2	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	8992354	73046	80.6	9.872	904							
Dry Bulb	1303376	33336	37.1	8.102	904		24.4					93
Wet Bulb	1143369	31333	34.9	7.889	904		32.2					93
Dew Point	956658	28336	31.6	7.867	904		47.7					93

USAFETAC FORM 0265 (OL A) JUL 64 REVISIONS LISTED ON INSIDE BACK COVER

1

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

34068 SA DUEFEN GERMANY/CELLEN AAF

60-70

DEC

PAGE 1 1900-2000

Temp DB	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.	D.P.	W.B.	D.P.		
62/ 61				.1																															1	1			
60/ 59				.2																															2	2			
58/ 57				.3				.3																										4	6	1			
56/ 55				.4				.4																										4	6	2			
54/ 53			.1	.1				.1																										2	3	4	2		
52/ 51	.2		.3	.4				.1																										7	7	10	6		
50/ 49		.3	.4	.5																														10	10	5	5		
48/ 47		1.3	1.4	1.5		.6																												26	26	4	7		
46/ 45		3.5	3.6	3.7	.4																													36	36	23	14		
44/ 43		4.0	4.1	4.2	.1																													42	46	41	10		
42/ 41		2.5	2.6	2.7																														26	26	39	33		
40/ 39	.6	5.5	5.6	5.7																														62	62	42	32		
38/ 37	.7	8.5	8.6	8.7																														77	77	59	45		
36/ 35	1.0	10.4	10.5	10.6																														87	87	99	70		
34/ 33	1.4	8.6	8.7																															76	76	91	87		
32/ 31	1.3	6.2	6.3	.5																														52	58	66	103		
30/ 29	1.6	4.9	5.0	.4																														42	48	62	66		
28/ 27	2.3	3.3	3.4	.1																														40	40	54	46		
26/ 25	.7	1.7	1.8																															17	17	23	40		
24/ 23	1.0	2.0	2.1																															21	21	12	40		
22/ 21	1.2	1.0	1.1																															15	15	24	17		
20/ 19	1.0	.6	.7																															11	11	11	24		
18/ 17	.6																																	4	4	5	20		
16/ 15	.1	.1																																2	2	2	4		
14/ 13	.3	.1																																3	3	2	6		
12/ 11																																					1		
10/ 9																																						2	1
8/ 7																																						1	1
TOTAL	14,265	216.6	1.2	.6																														692	692	692	692		

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4995482	58254	84.6	7.693	692	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	935742	24842	35.9	7.975	692		29.4					93
Wet Bulb	846832	23672	34.2	7.323	692		36.2					93
Dew Point	730640	21878	31.6	7.508	692		50.9					93

USAFETAC FORM 84 0 26 5 (OL A) REVISED PREVIOUS EDITIONS (1-10) 1-1-44 (1-1-44)

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34069 SAFFORD FIELD GERRARD/OJLETTA AAF 59-70

PERIOD	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	29.7						55.4						46.7
	S.D.													
	TOTAL OBS	1						1						2
03-05	MEAN	29.7	29.4	34.3	45.6	50.7	55.4	57.6	58.7	53.9	46.2	39.7	31.7	45.7
	S.D.	1.454	1.409	1.113	1.373	1.955	1.025	1.444	1.127	1.443	1.104	1.358	1.333	12.777
	TOTAL OBS	91	82	74	119	119	103	106	127	114	97	109	83	1224
06-08	MEAN	31.6	34.7	37.6	45.9	53.7	59.5	61.3	60.7	54.1	47.1	40.2	33.6	46.7
	S.D.	1.344	1.511	1.517	1.569	1.777	1.004	1.484	1.257	1.298	1.231	1.787	1.095	12.777
	TOTAL OBS	879	792	939	923	934	874	890	992	933	967	995	904	10717
09-11	MEAN	32.5	36.2	41.8	51.7	59.8	66.6	68.5	67.7	61.1	51.3	41.8	34.5	51.3
	S.D.	1.737	1.860	1.297	1.619	1.915	1.388	1.087	1.238	1.022	1.204	1.368	1.099	14.862
	TOTAL OBS	914	847	966	945	960	927	936	1050	995	1032	975	992	11539
12-14	MEAN	35.5	40.2	47.1	57.7	64.5	71.2	73.4	72.3	67.6	57.2	45.1	37.1	56.7
	S.D.	1.941	1.169	1.618	1.107	1.339	1.638	1.571	1.617	1.399	1.616	1.428	1.279	15.775
	TOTAL OBS	890	827	944	925	944	911	916	1026	970	1004	953	949	11259
15-17	MEAN	38.9	41.3	48.6	58.3	65.7	72.0	74.6	73.6	68.8	58.2	45.1	37.1	56.9
	S.D.	1.444	1.949	1.985	1.662	1.750	1.772	1.081	1.234	1.206	1.909	1.305	1.102	16.151
	TOTAL OBS	851	790	912	892	911	876	882	987	924	965	915	904	10309
18-20	MEAN	34.9	39.0	45.7	54.6	63.1	69.3	72.0	70.1	64.5	54.2	43.0	35.9	54.1
	S.D.	1.291	1.392	1.591	1.933	1.176	1.320	1.694	1.717	1.530	1.701	1.253	1.975	15.372
	TOTAL OBS	630	533	695	691	700	623	669	744	701	691	680	692	6069
21-23	MEAN	32.2		47.3				63.0		54.0		43.7	36.6	40.7
	S.D.	1.371		1.667								1.466	1.124	1.574
	TOTAL OBS	19		21				1		2		7	21	70
ALL HOURS	MEAN	33.9	37.9	43.8	53.2	60.8	67.3	69.5	68.2	62.9	53.4	43.0	35.5	52.8
	S.D.	1.383	1.993	1.651	1.551	1.736	1.228	1.345	1.687	1.527	1.529	1.703	1.684	15.460
	TOTAL OBS	4275	3891	4557	4485	4360	4316	4401	4926	4639	4749	4524	4545	53869

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

MEANS AND STANDARD DEVIATIONS

ETAC-LLP TEMPERATURES DFG F FROM AIRCRAFT OBSERVATIONS

3406R SA 0 0000 0000 Y/C LE 4 4AF 59-7

TIME	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN: 27.0 S.D.: TOTAL OBS: 1							57.0						42.0
03-05	MEAN: 29.5 S.D.: 6.937 TOTAL OBS: 91	29.5	29.5	33.4	44.0	48.0	53.2	55.2	56.0	52.5	44.0	37.7	30.5	43.9
06-08	MEAN: 31.4 S.D.: 7.429 TOTAL OBS: 875	31.4	32.5	35.7	43.2	49.7	55.6	57.6	57.1	52.2	45.6	38.4	32.7	44.5
09-11	MEAN: 31.1 S.D.: 7.147 TOTAL OBS: 914	31.1	34.0	39.5	46.6	53.1	58.7	60.4	60.3	56.0	48.4	39.7	33.0	45.9
12-14	MEAN: 33.4 S.D.: 7.222 TOTAL OBS: 890	33.4	36.8	41.6	49.0	54.8	60.1	61.9	62.0	59.7	51.6	41.8	34.8	49.2
15-17	MEAN: 33.7 S.D.: 7.387 TOTAL OBS: 851	33.7	37.5	42.5	49.6	55.2	60.3	62.2	62.2	59.1	52.3	42.0	34.9	49.4
18-20	MEAN: 33.2 S.D.: 7.477 TOTAL OBS: 830	33.2	36.4	40.5	48.0	54.4	60.0	61.9	61.3	58.0	50.6	40.7	34.2	48.5
21-23	MEAN: 30.6 S.D.: 5.900 TOTAL OBS: 19			43.4				56.0		52.5		42.3	35.4	37.8
ALL HOURS	MEAN: 32.2 S.D.: 7.711 TOTAL OBS: 4274	32.2	35.2	39.6	47.1	53.2	58.7	60.6	60.4	56.6	49.6	40.5	33.7	47.6

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

MEANS AND STANDARD DEVIATIONS

TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

34068 SALLIE GERMANVILLE AFB 59-7

	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 25.0						51.0						35.5
	S.D.												
	TOTAL OBS 1						1						2
03-05	MEAN 27.0	26.0	31.1	41.2	44.2	51.3	53.5	54.4	51.2	43.7	34.0	28.1	42.1
	S.D. 1.44	1.915	2.319	4.137	5.464	6.027	5.124	4.664	4.760	5.824	7.103	7.581	12.455
	TOTAL OBS 91	82	74	119	119	103	106	127	111	97	107	69	1221
06-08	MEAN 27.0	31.1	33.0	41.2	46.4	52.0	55.0	55.1	50.7	44.3	34.4	30.1	42.2
	S.D. 1.169	1.250	1.414	4.452	5.664	5.934	6.156	4.914	5.919	6.870	6.782	6.647	12.052
	TOTAL OBS 74	75	81	923	334	874	590	992	924	960	895	904	10817
09-11	MEAN 27.2	31.9	34.4	41.5	47.5	53.1	55.2	56.0	52.2	45.7	37.2	30.4	43.0
	S.D. 1.244	1.607	1.534	5.751	5.994	6.524	5.737	5.106	5.588	6.550	6.444	6.474	12.060
	TOTAL OBS 914	802	915	945	96	927	936	1050	986	1032	975	992	11437
12-14	MEAN 29.3	32.0	35.1	41.6	47.1	52.6	54.5	55.5	52.4	47.0	38.2	31.3	43.4
	S.D. 1.039	1.732	1.934	7.041	6.514	6.759	6.180	5.786	6.054	6.392	6.395	6.071	11.605
	TOTAL OBS 891	791	900	925	344	911	916	1024	960	1004	923	949	11159
15-17	MEAN 31.1	32.5	35.4	41.3	46.7	52.3	54.4	55.0	52.2	47.4	38.5	31.6	43.4
	S.D. 1.063	1.380	1.599	7.166	6.473	6.628	6.034	5.930	6.101	6.530	6.397	7.867	11.364
	TOTAL OBS 851	737	873	892	911	876	882	987	918	965	915	904	10721
18-20	MEAN 31.3	32.6	35.2	41.6	47.2	53.6	55.5	55.7	53.4	47.6	38.0	31.6	43.8
	S.D. 1.249	1.571	1.823	7.231	6.358	5.834	6.007	5.549	5.625	6.497	6.512	7.508	11.494
	TOTAL OBS 630	553	695	691	700	623	669	744	699	691	680	692	8067
21-23	MEAN 27.4		39.4				50.0		51.0		40.7	33.3	34.9
	S.D. 6.955		5.184								5.851	5.416	8.224
	TOTAL OBS 19		20				1		2		7	21	70
ALL HOURS	MEAN 29.1	31.4	34.5	41.2	47.0	52.8	54.9	55.4	52.1	46.3	37.7	30.9	43.1
	S.D. 1.401	1.868	1.998	6.949	6.253	6.405	5.825	5.439	5.957	6.699	6.559	8.234	11.770
	TOTAL OBS 4274	3735	4371	4495	4563	4316	4401	4926	4600	4749	4524	4545	53514

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

34068 SAMPDORF GERMANY/COLE AN AAF
 STATION STATION NAME

59-70

PERIOD

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	97.7	91.6	71.9	34.6	64.8	4274
FEB		100.0	100.0	99.8	99.4	97.6	91.3	78.4	57.7	22.6	80.1	3735
MAR		100.0	100.0	99.9	97.7	92.4	80.2	52.0	38.9	13.4	74.7	4371
APR		100.0	100.0	98.6	92.6	81.0	68.1	51.6	29.2	9.5	68.8	4495
MAY		100.0	100.0	97.9	91.1	76.5	60.6	45.8	27.4	9.6	66.8	4568
JUN		100.0	100.0	98.7	91.2	74.6	58.7	43.3	27.0	8.6	65.7	4316
JUL		100.0	100.0	99.4	92.8	80.5	56.7	32.3	21.6	6.2	64.5	4401
AUG		100.0	100.0	99.4	93.9	80.2	64.4	50.3	34.5	10.6	69.7	4926
SEP		100.0	100.0	99.7	97.1	89.5	76.1	63.4	48.0	16.3	75.3	4600
OCT		100.0	100.0	100.0	99.6	96.9	88.9	76.2	55.1	29.1	80.4	4749
NOV		100.0	100.0	100.0	100.0	99.5	96.7	89.9	70.0	30.5	84.1	4534
DEC		100.0	100.0	100.0	100.0	99.9	98.9	92.7	72.0	28.4	84.7	4545
TOTALS		100.0	100.0	99.5	96.1	89.0	78.1	64.8	46.0	18.3	74.8	53514

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

34068 SA DELFBY GERMANY/COLEMAN AAF
STATION STATION NAME

60-70

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS	
		10	20	30	40	50	60	70	80	90			
FEB	00-02												
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.8	85.4	34.1	87.1	52	
	06-08	100.0	100.0	100.0	100.0	99.9	98.5	93.7	79.2	37.7	84.4	75	
	09-11	100.0	100.0	100.0	99.9	99.0	96.4	85.7	63.1	23.1	82.1	307	
	12-14	100.0	100.0	99.5	94.5	94.9	83.6	59.9	35.7	12.8	74.0	791	
	15-17	100.0	99.9	99.3	97.9	93.1	79.5	57.5	32.4	11.1	72.5	757	
	18-20	100.0	100.0	100.0	99.8	98.4	89.5	75.0	51.6	16.6	78.6	553	
	21-23												
TOTALS		100.0	100.0	99.8	99.4	97.6	91.3	78.4	57.7	22.6	80.1	3735	

DATA PROCESS: TRAINING
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

RELATIVE HUMIDITY

3406# SANDLEEF BERNARDY/COLEY AAF
STATION STATION NAME

6J-70
PERIOD

118
TOTAL NO. OF OBS

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			
AP	00-07												
	08-05	100.0	100.0	100.0	100.0	100.0	98.4	91.9	82.4	41.9	66.7	74	
	06-07	100.0	100.0	100.0	100.0	100.0	99.4	91.8	68.7	27.7	64.3	491	
	09-11	100.0	100.0	100.0	99.7	97.8	89.1	69.3	38.2	10.7	76.0	618	
	12-14	100.0	100.0	99.9	94.9	82.2	61.2	35.7	14.0	3.9	64.7	900	
	15-17	100.0	100.0	99.4	91.6	76.1	53.5	30.7	12.4	3.1	62.2	873	
	18-20	100.0	100.0	100.0	98.0	90.9	75.0	49.5	21.6	6.2	69.7	495	
	21-23	100.0	100.0	100.0	100.0	100.0	85.0	65.0	35.0		74.5	20	
TOTALS		100.0	100.0	99.9	97.7	92.4	80.2	62.0	38.9	13.4	74.0	4371	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3406R SA BRUNNEN GERMANY/COLEMAN AFB 60-70
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
MAY	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.6	74.2	35.3	87.0	119
	06-07	100.0	100.0	100.0	100.0	99.9	96.7	84.2	47.9	14.3	80.0	934
	09-11	100.0	100.0	100.0	97.7	80.4	61.3	35.8	12.5	2.1	65.1	360
	12-14	100.0	100.0	97.4	82.9	57.3	33.2	17.8	7.1	1.7	55.4	944
	15-17	100.0	100.0	92.0	73.5	49.9	28.4	16.1	7.2	1.5	52.7	911
	18-20	100.0	100.0	98.1	85.3	65.3	43.3	24.0	10.9	2.6	58.5	700
	21-23											
TOTALS		100.0	100.0	97.9	90.1	76.5	60.6	45.8	27.4	9.6	66.5	4568

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

34068 SW DLEFE GERMANY/COLEMAN AAF
 STATION

60-70

PERIOD

JUL
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS	
		10	20	30	40	50	60	70	80			90
JUL	00-02	100.0	100.0	100.0	100.0	100.0					60.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.2	77.4	31.1	86.7	104
	06-08	100.0	100.0	100.0	100.0	99.9	97.2	85.1	53.4	11.9	80.4	490
	09-11	100.0	100.0	99.9	98.0	86.4	58.3	28.6	10.0	2.5	63.3	934
	12-14	100.0	100.0	98.7	83.4	50.0	27.5	12.7	6.1	1.3	53.4	916
	15-17	100.0	100.0	96.9	73.1	44.7	24.6	12.6	5.9	.7	51.5	882
	18-20	100.0	100.0	99.3	87.7	62.9	40.1	23.0	11.7	2.1	58.2	669
	21-23	100.0	100.0	100.0	100.0	100.0	100.0				62.0	1
TOTALS		100.0	100.0	99.4	92.8	80.5	56.0	32.3	20.6	6.2	64.5	4401

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

34068 SANDHURST GERMANY/GUELFAN AAF
 STATION STATION NAME

59-70

PERIOD

AUG
 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												
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	98.4	82.7	29.1	86.8	127	
	06-08	100.0	100.0	100.0	100.0	99.7	99.1	93.8	70.9	23.6	84.5	992	
	09-11	100.0	100.0	100.0	99.2	93.0	70.8	44.1	21.6	5.0	69.0	1050	
	12-14	100.0	100.0	99.3	90.6	61.7	37.3	18.7	9.0	2.2	57.4	1026	
	15-17	100.0	100.0	97.6	80.1	53.1	28.7	16.4	8.7	.8	54.2	987	
	18-20	100.0	100.0	99.3	93.3	73.8	51.5	30.6	14.1	3.0	62.1	744	
	21-23												
TOTALS		100.0	100.0	99.4	93.9	80.2	64.4	50.3	34.5	10.6	69.0	4926	

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

34768 SA DUFFELBERG W/OLEAF AAF
STATION STATION NAME

59-70

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS		
		10	20	30	40	50	60	70	80			90	
SEP	30-02												
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.2	89.2	54.1	90.1	111	
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	97.6	79.8	44.7	88.3	924	
	09-11	100.0	100.0	100.0	98.9	94.9	83.7	61.6	31.8	8.6	73.4	984	
	12-14	100.0	100.0	99.2	92.7	74.5	41.5	21.6	9.0	1.8	59.5	660	
	15-17	100.0	100.0	96.5	88.7	64.2	35.1	18.5	8.5	1.6	57.2	918	
	18-20	100.0	100.0	100.0	99.1	92.6	73.5	46.2	17.7	3.6	68.5	699	
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		90.0	2	
TOTALS		100.0	100.0	99.7	97.1	89.5	76.1	63.4	48.0	16.3	75.3	4600	

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

34068 SA BRUNNEN GERMANY/COLEMAN AAF 59-70 CT MONTHLY
STATION STATION NAME PERIOD MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
OCT	00-04											
	05-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	89.7	61.9	91.3	97
	09-12	100.0	100.0	100.0	100.0	100.0	99.6	99.0	67.2	54.8	90.5	960
	13-16	100.0	100.0	100.0	100.0	99.2	95.8	84.5	55.3	26.4	82.0	1032
	17-20	100.0	100.0	100.0	99.1	92.2	73.7	49.2	26.1	8.4	70.3	1004
	21-24	100.0	100.0	99.9	98.2	89.9	69.3	46.2	24.9	5.5	68.9	965
	25-28	100.0	100.0	100.0	100.0	99.9	94.5	78.4	47.6	17.8	79.3	691
	29-31											
	TOTALS	100.0	100.0	100.0	99.6	96.9	88.9	76.2	55.1	29.1	80.4	4749

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

RELATIVE HUMIDITY

3406A SA CROPPER TERRACE/COLEMAN AFB 59-70 PERIOD
STATION MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS	
		10	20	30	40	50	60	70	80	90			
DEC	00-02												
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.4	83.1	36.1	86.9	63	
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.3	81.8	38.6	87.2	904	
	09-11	100.0	100.0	100.0	100.0	99.9	99.5	94.2	72.0	32.1	85.8	992	
	12-14	100.0	100.0	100.0	100.0	99.6	96.1	82.1	57.8	18.8	80.2	949	
	15-17	100.0	100.0	100.0	100.0	99.9	97.2	83.1	53.5	20.0	80.9	904	
	18-20	100.0	100.0	100.0	100.0	100.0	99.6	95.5	73.0	24.9	84.6	692	
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.5	28.6	88.1	21	
TOTALS		100.0	100.0	100.0	100.0	99.9	98.9	92.7	72.0	28.4	84.7	4345	

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

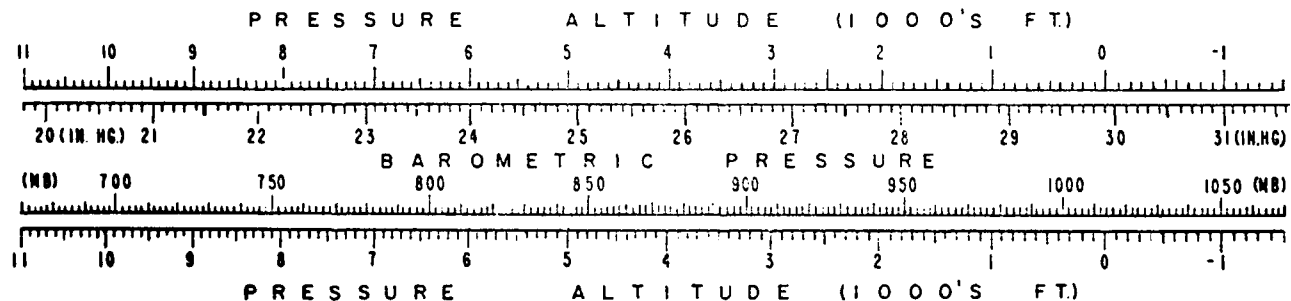
PART F

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 PROVIDED BY:
 USAF ETAL
 CIVIL ENGINEERING SERVICE/AC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM EARLY OBSERVATIONS

34758 SULLY FIELD, BERKLEY/OLETA AAF 59-63,65-70

STATION	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN												
04	MEAN									29.647			29.647
	S.D.									.282			.282
	TOTAL OBS									15			15
07	MEAN	29.679	29.581	29.662	29.617	29.658	29.705	29.695	29.647	29.685	29.719	29.565	29.604
	S.D.	.304	.332	.301	.235	.175	.161	.165	.15	.189	.257	.284	.339
	TOTAL OBS	243	217	256	254	258	247	265	315	298	304	286	262
1	MEAN	29.712	29.601	29.677	29.629	29.563	29.709	29.698	29.658	29.703	29.735	29.606	29.637
	S.D.	.308	.330	.302	.234	.174	.161	.164	.148	.190	.258	.292	.347
	TOTAL OBS	247	238	261	255	260	251	270	318	303	313	297	303
13	MEAN	29.606	29.583	29.659	29.611	29.545	29.690	29.686	29.643	29.684	29.725	29.590	29.627
	S.D.	.305	.327	.295	.235	.174	.161	.166	.144	.186	.251	.295	.348
	TOTAL OBS	235	220	258	245	252	243	259	307	290	299	286	286
16	MEAN	29.600	29.563	29.634	29.586	29.523	29.670	29.667	29.623	29.662	29.704	29.575	29.616
	S.D.	.302	.32	.291	.233	.174	.161	.160	.142	.182	.247	.295	.344
	TOTAL OBS	235	219	248	245	252	243	259	307	290	299	286	284
19	MEAN	29.560	29.565	29.661	29.595	29.621	29.673	29.675	29.637	29.661	29.742	29.596	29.631
	S.D.	.301	.297	.27	.239	.192	.149	.163	.140	.188	.240	.304	.330
	TOTAL OBS	175	145	173	162	166	152	182	214	201	203	202	205
22	MEAN								29.700				29.700
	S.D.												
	TOTAL OBS								1				1
ALL HOURS	MEAN	29.686	29.58	29.662	29.609	29.644	29.691	29.685	29.641	29.680	29.724	29.591	29.622
	S.D.	.304	.323	.294	.235	.177	.160	.164	.146	.187	.252	.294	.342
	TOTAL OBS	1135	1091	1168	1161	1188	1136	1235	1461	1383	1413	1372	1360

DATA PROCESSOR
 SAF ETAC
 AIR ESTABLISHMENT

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM EARLY LASERACTIVITY

34054 SABLE RESEARCH Y/C LEA WAF 66-67

	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL HOURS
01													
	MEAN												
	S.D.												
	TOTAL OBS.												
04										1014.7		1014.7	
	MEAN									9.462		9.462	
	S.D.									13		13	
	TOTAL OBS.												
07	MEAN	12.51	18.81	18.81	15.91	14.51	20.41	18.91	16.31	16.81	11.91	14.41	14.9
	S.D.	5.77	10.73	9.584	8.19	6.854	4.342	4.862	5.281	5.770	7.57	10.50	11.591
	TOTAL OBS.	29	28	31	30	31	30	51	54	50	38	43	42
10	MEAN	12.21	19.51	19.71	16.01	14.51	20.61	17.01	16.71	17.51	12.41	13.11	15.1
	S.D.	6.521	10.706	9.001	8.225	6.691	4.142	4.718	4.932	5.709	7.409	10.537	11.53
	TOTAL OBS.	29	28	31	30	31	30	56	51	55	45	51	53
13	MEAN	12.51	18.91	19.31	15.11	13.71	20.11	16.41	16.11	16.51	11.61	17.31	14.5
	S.D.	5.301	10.742	8.657	7.964	6.744	4.104	4.787	4.771	5.647	7.394	10.477	11.647
	TOTAL OBS.	29	28	31	30	31	30	56	50	55	45	51	53
16	MEAN	12.41	18.31	18.21	14.11	12.71	19.41	15.71	15.41	15.71	10.91	16.61	14.2
	S.D.	6.194	9.949	8.571	7.73	6.866	4.309	4.625	4.783	5.678	7.223	10.562	11.819
	TOTAL OBS.	29	28	31	30	31	30	56	55	55	45	51	53
19	MEAN	12.81	18.81	18.51	14.41	12.51	19.21	15.61	15.41	15.61	12.31	17.11	15.2
	S.D.	6.255	9.670	8.792	7.546	7.104	4.181	4.355	5.053	6.032	7.223	10.625	12.364
	TOTAL OBS.	29	28	31	30	31	30	51	54	50	42	47	46
22	MEAN												
	S.D.												
	TOTAL OBS.												
ALL HOURS	MEAN	12.71	18.91	18.91	15.11	13.61	19.91	16.31	16.01	16.41	11.91	17.11	14.2
	S.D.	6.004	10.229	8.828	7.870	6.760	4.196	4.674	4.958	5.761	7.334	10.407	11.697
	TOTAL OBS.	145	140	155	150	155	150	270	282	265	215	258	247

END

DATE
FILMED

9-80

DTIC