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FEB 72
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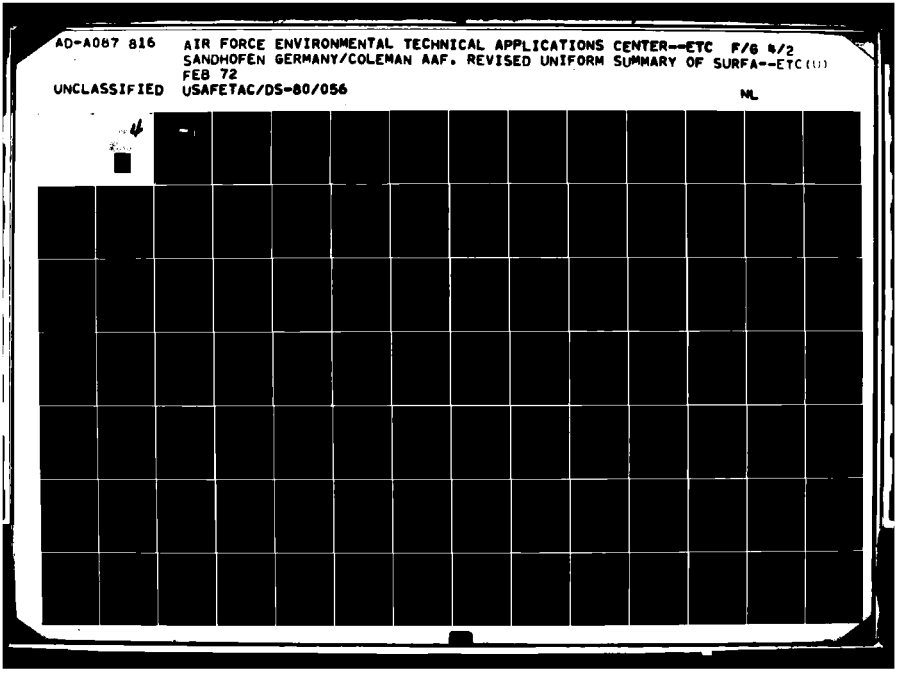

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Air Weather Service (MAC)

REVISED PRELIMINARY SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SANDHOFEN GERMANY/COLEMAN AAF WBAN # 34068
N 49 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

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REPORT DOCUMENTATION PAGE

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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

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Scott AFB IL 62225

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

18 SUPPLEMENTARY NOTES:

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

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

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

This report is a six-part statisitical summary of surface weather observations for 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 frenquency 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 occurance or cumulative percentage frequency of occuring tables.

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AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A	WEATHER CONDITIONS		PART E	DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE
	ATMOSPHERIC PHENOMENA	DATA NOT AVAILABLE		EXTREME MAX & MIN TEMP DATA NOT AVAILABLE
PART B	PRECIPITATION			PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL			MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH			RELATIVE HUMIDITY
PART C	SURFACE WINDS			
PART D	CEILING VERSUS VISIBILITY		PART F	STATION PRESSURE
	SKYCOVER			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 ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO 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 rnwy.	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	

CONTINUED ON REVERSE SIDE

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 rnwy 05/23 near midpoint of rnwy.	AN/GMQ-11	RO-2	14 ft	

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ASHEVILLE, NORTH CAROLINA

A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

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WEATHER CONDITIONS

34068 (STATION) SAARBRUCKEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		7.0	.7	8.3		15.4	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	45.4	4401
AUG		.8	8.2				8.2	13.0	41.6			44.7	4926
SEP		.4	13.6				13.6	19.5	48.9			49.9	4640
OCT		.1	8.3				8.3	33.2	63.9			73.0	4749
NOV			11.1	.1	2.6		13.5	29.7	68.9			75.8	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	53916

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WEATHER CONDITIONS

34C0[illegible] — STATION
SA[illegible] — STATION NAME
60-7[illegible] — YEARS
JA[illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR 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 LEST TO VISION	TOTAL NO OF OBS
JA	00-02							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			85.1	879
	09-11		9.3	.3	9.4		18.8	35.7	78.6			89.2	914
	12-14		9.4	.7	9.8		19.0	24.3	74.9			82.2	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			7.6	.7	8.3		15.4	37.8	67.8			87.8	4275

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WEATHER CONDITIONS

34063 STATION — SAULT STE MARIE/CHIPPEWA CO INTL AP STATION NAME — 60-72 YEARS — FEB 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 VISIBILITY	TOTAL NUMBER OF OBS
FEB	00-02												
	03-05		11.1		7.3		18.3	40.2	78.0			84.5	82
	06-08		9.5	.4	7.6		17.3	39.5	62.3			73.4	810
	09-11	.1	10.2	.2	7.1		16.5	30.9	68.7			76.6	853
	12-14		10.8		5.8		16.0	14.1	61.3			63.9	833
	15-17	.1	12.1		7.2		19.1	13.7	54.0			55.9	796
	18-20	.2	12.8		5.1		19.9	16.6	50.3			53.9	553
	21-23												
TOTALS		.1	11.3	.1	7.2		17.9	25.8	62.4			67.3	3917

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WEATHER CONDITIONS

34098 SAARLOUIS GERMANY/COLEMAN AAF 60-70 YEARS MAR MONTH
STATION STATION NAME

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 RESTRICTION	TOTAL NO. OF OBS
MAR	0-02												
	3-05		16.2		5.4		19.9	43.2	79.4			87.8	74
	6-08		12.3	.1	4.6	.1	16.2	33.7	77.0			80.6	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			57.9	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		.0	11.4	.0	3.1	.0	13.9	15.5	66.6			69.1	4550

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

34008 SAN DIEGO GERMAN/OCEANSIDE AAF 60-70 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02												
	03-05		9.2				9.2	31.1	78.2			80.7	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	11.6	.1	.9	.3	12.6	2.1	38.3		.1	38.7	925
	15-17	.2	11.5		.2		11.7	1.3	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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 60-70 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L S T	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PREC'P	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02												
	03-05	.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	3.4	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	2.3	17.9			18.9	700
	21-23												
TOTALS		.9	10.2			.0	10.2	12.8	45.1		.0	46.3	4568

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WEATHER CONDITIONS

34C68 STATION | SAND-BOEN GERMANY/COLEMAN AAF STATION NAME | 60-70 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02												
	03-05		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		.0	43.6	4316

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AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

34068 (STATION) SUFFOLK SERRA V/COLEMAN NAF (STATION NAME) 60-70 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	OBS WITH RED VISIBILITY	OBS
JUL	0-02		100.0				100.0						1
	03-05		6.6				6.6	43.4	84.0			84.9	106
	06-08	.4	6.4				6.4	22.5	62.7			67.9	890
	09-11	.1	6.7				6.7	3.6	51.1		.1	51.8	936
	12-14	1.3	5.9				6.9	1.7	25.5			25.9	910
	15-17	2.6	6.7				6.9	.7	15.9		.1	16.2	852
	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	44.3		.0	45.4	4401

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WEATHER CONDITIONS

3406 SAARBRUECKEN/GERMANY/SOUTH AAF 59-73 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02												
	03-05		7.1				7.1	31.5	66.1			68.5	127
	06-08	.3	9.4				9.4	32.7	63.3			74.3	992
	09-11	.1	8.7				8.7	7.4	54.8			57.8	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			16.2	987
	18-20	1.9	8.7				9.7	2.6	17.6			18.5	744
	21-23												
TOTALS		.9	8.2				8.2	13.0	41.6			44.7	4926

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WEATHER CONDITIONS

34068 SANDHOFEN GERMANY/COLEMAN AAF 59-70 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	0-02												
	3-05		9.6				9.6	54.4	73.7			82.5	114
	6-08		5.3				5.3	55.5	64.3			81.7	933
	9-11	.1	6.7				6.7	18.8	65.0			69.4	995
	12-14	.4	6.9				6.9	2.8	45.7			46.2	970
	15-17	.6	8.0				8.0	1.5	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		.4	13.6				13.6	19.5	45.3			49.9	4640

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

WEATHER CONDITIONS

94068 STATION | SANDROFEN GERMANY/COLEVAN AAF STATION NAME | 59-70 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH LESS THAN 7 MI VISIBILITY	TOTAL NUMBER OF OBS
OCT	00-02												
	03-05		4.1				4.1	57.7	70.1			82.5	97
	06-08		9.2				9.2	56.8	65.4			83.9	960
	09-11		8.8				8.8	39.6	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	55.2			58.7	965
	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	4749

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94068 SANDHOFEN GERMANY/COLEMAN AAF 59-70 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NV	0-02												
	3-05		11.0		.9		11.9	45.7	72.5			78.0	109
	6-08		12.5		3.2		15.5	42.7	61.9			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		15.4	.4	4.6		19.7	25.3	54.7			64.9	680
	21-23							14.3	100.0			100.0	7
TOTALS			11.1	.1	2.6		13.9	29.7	68.9			79.8	4534

USAPETAC FORM AUG 64 0-10-5 OL-11 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

WEATHER CONDITIONS

34068 SA D-ULEN GERMANY/COLEMAN AAF 59-7(YEARS DEC
STATION STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02												
	03-05		3,6	1,2	7,2		12,0	39,8	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	6,3		16,4	37,7	71,7			83,3	992
	12-14		11,4	,6	7,3		18,8	25,1	70,4			77,8	949
	15-17		12,4	,6	4,6		17,4	25,8	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	4945

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

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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,**

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS

34068 (STATION) SAARBRUCKEN GERMANY/COLEMAN AAF (STATION NAME) 65-67, 69-70 (YEARS)

	AMOUNTS INCHES															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
PRECIP	NONE	TRACE	.01 .04	.05 .09	.10 .24	.25 .49	.50 .74	.75 1.00	1.01 1.49	1.50 1.99	2.00 2.49	2.50 2.99	3.00 3.49	3.50 3.99	4.00 OVER 4.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	.1 .4	.5 .9	1.0 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 8.4	8.5 10.4	10.5 12.4	12.5 14.4	14.5 16.4	16.5 18.4	OVER 18.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 72	73 84	85 96	OVER 96					
JAN																				
FEB	28.6	12.5	3.6	26.8	12.5	10.7	3.6	1.8								58.9	56	1.75	2.80	.69
MAR	25.8	35.5	0.1	6.5	4.8	17.7	1.6									38.7	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	4.8	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	10.0	3.3	1.7							43.3	60	3.09	4.98	1.20
JUL	53.6	14.3	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	1.59	2.54	.84
OCT	63.4	14.5	4.3	7.5	6.5	3.2	1.1									22.6	93	.96	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	22.09		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

34068 STATION — SA DRUPEN GERMANY/COLEMAN AAF STATION NAME — 65-70 YEARS

24 HOUR AMOUNTS I 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				.31	.79	1.74	.79	.86	.43	.07	.33		
70		.57	.23	.46	1.36		.41	.27	.56	.42	.31		
MEAN		.37	.35	.51	1.07	1.08	.67	.61	.61	.23	.52	.41	
S D													
TOTAL OBS		30	62	90	62	60	93	93	90	93	90	31	820

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATION

34068 STATION — SANDHOFEN GERMANY/COLEMAN AAF STATION NAME — 65-70 YEARS

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

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64													PRECIP
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
65									1,60				PRECIP
	0	0							29				DAYS
66	,32	,45	,24		,17						,29		PRECIP
	26	27	28		25						28		DAYS
67	,18			,38	,67					,17	,14		PRECIP
	28			28	29					22	22	0	DAYS
68	,30							,95	,70	,66	,37	,18	PRECIP
	1	0	0	0	0	0	0	22	21	23	26	23	DAYS
69	,80	,32	,33									,27	PRECIP
	24	21	28									27	DAYS
70	,36					,47						,48	PRECIP
	29					29						30	DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM AIR 64 0-88-5 (OL1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
FROM DAILY OBSERVATIONS

34068 STATION — SAARBRUCKEN GERMANY/CULEMAN AAF STATION NAME — 69-70 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01 .02	.03 .05	.06 .10	.11 .25	.26 .50	.51 .75	.76 1.00	1.01 1.25	1.26 1.50	1.51 1.75	1.76 2.00	OVER 2.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 5.4	5.5 6.4	6.5 7.4	7.5 8.4	8.5 9.4	9.5 10.4	OVER 10.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 72	OVER 72						
JAN																			
FEB	42.9	57.1	3.6	3.6											7.1	28	1.1	1.1	1.1
MAR	71.0	25.8	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	88.3	10.0		1.7											1.7	60	.5	1.0	TRACE
DEC																			
ANNUAL	89.1	9.8	.7	.5											1.2	517	1.8	-	-

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATIONS

34068 STATION — SANDHOFEN GERMANY/COLEMAN AAF STATION NAME — 68-70 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69				TRACE	.0	.0	.0	.0	.0	.0	1.0		
70		1.0.	.2.	TRACE.	.0.		.0.	.0.	.0.	.0.	TRACE.		
MEAN		1.00	.20	TRACE	.00	.00	.00	.00	.00	.00	.30		
S. D.													
TOTAL OBS.		28	31	60	62	30	62	62	60	62	60		517

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATION

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

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

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL
													DAYS
65	0	0							0	0	0		SNOFALL
													DAYS
66	0	0	0	0	0							0	SNOFALL
													DAYS
67	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL
													DAYS
68	1.0	0	0	0	0	0	0	0	0	27.0	24.2	23.1	SNOFALL
													DAYS
69	27.6	22.3	TRACE									3.0	SNOFALL
												27	DAYS
70	29.5		28			29.0						2.2	SNOFALL
												30	DAYS
MEAN													
S.D													
TOTAL OBS													

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

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

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

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN																		
FEB	67.9	32.1													28			
MAR	90.3	6.5	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	95.3	4.2	.5											.5	853			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
FROM DAILY OBSERVATIONS

36068 STATION SANDHOFEN GERMANY/COLEMAN AAF STATION NAME 64-65, 67-70 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.				
69				0	0	0	0	0	0	0	1		
70		TRACE	1.	0	0.		0.	0.	0	0.	0.		
MEAN		TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S D			.000					.000					
TOTAL OBS		28	62	180	93	90	93	184	90	93	60		823

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
FROM DAILY OBSERVATIONS

10068 STATION SANDHOFEN GERMANY/COLEMAN AAF STATION NAME 64-65, 67-70 YEARS

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

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64	2	0	0		0		0		0		0	2	SNO DPTH
	30	27	30		29		29		29		28	25	DAYS
65	1	1											SNO DPTH
	28	26							0	0	0		DAYS
66													SNO DPTH
	0	0	0	0	0						0	0	DAYS
67										0	0	2	SNO DPTH
	0	0								26	26	26	DAYS
68	1	2	0	0	0	0	0	0	0	0	1	3	SNO DPTH
	27	28	26	26	27	25	27	27	25	27	29	26	DAYS
69	6	5	0									3	SNO DPTH
	27	24	28									28	DAYS
70	4					0						4	SNO DPTH
	30					29						30	DAYS
MEAN													
S. D.													
TOTAL OBS.													

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

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

PART C SURFACE WINDS

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

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.

C

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
FROM HOURLY OBSERVATIONS

34068 STATION — SANDHOFEN GERMANY/COLEMAN AAF STATION NAME — 68-70 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69			24/ 2629/	3827/	26 7/	2721/	2835/	2627/	1931/	2526/	44		
70	22/ 232 /	4121/	2750/	3027/	2728/	2627/	3724/	2629/	3027/	3224/	3234/	35	20/ 41
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

USAF ETAC FORM JUL 66 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

30068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 68-70 (YEARS)

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

YEAR / MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
68	0	0	0	0	0	0	0	0	0	0	0	0	WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
69	1	0	0	0	0	0	0	0	27/ 24	22/ 21	24/ 18	19/ 17	WINDS
	23/ 22	19/ 21							30	30	30	19	DAYS
70	25	22										18/ 21	WINDS
												27	DAYS
MEAN													
S D													
TOTAL OBS													

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

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS

03808 SANDHOFEN GERMANY/COLEMAN AAF 59-70 ALL
STATION STATION NAME YEARS

ALL WEATHER ALL
CLASS HOUR

SPEED KNTS DIR	1 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	3.6	2.7	.6	.2	.0						8.1	6.2
NNE	1.0	1.9	1.6	.4	.2	.0						4.9	6.2
NE	.8	1.9	1.4	.4	.0							4.6	6.2
ENE	.9	1.8	1.1	.2	.1							3.8	5.9
E	.8	1.0	.5	.1	.0							2.4	5.2
ESE	.6	.7	.2	.1								1.6	4.5
SE	.6	1.0	.3	.0	.0							1.9	4.5
SSE	.9	2.4	1.3	.2	.1							4.8	5.7
S	1.1	4.1	3.2	1.9	.1	.0	.0					12.5	7.6
SSW	.9	1.8	2.4	1.3	.2	.0						6.1	8.4
SW	.9	1.8	2.3	1.2	.2	.0	.0					6.9	8.5
WSW	.8	1.9	2.9	1.8	.3	.1	.0					7.6	8.9
W	.9	2.2	2.9	1.8	.3	.1	.0		.0			8.1	8.4
WNW	.6	1.0	.9	.4	.1	.0						3.0	7.2
NW	.6	1.0	.9	.4	.1							3.0	6.2
NNW	.8	1.7	1.2	.4	.0							4.1	6.3
VARBL	2.0	.0	.0									2.0	2.5
CALM												14.4	
	16.9	30.1	27.9	11.2	1.8	.2	.0		.0			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 58919

DATA PROCESSED BY ...

STAC/USAF

AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

24089 SAN DIEGO, CALIFORNIA ... 32-70

... WEATHER

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 SPEED (KNOTS)
N	4.4	3.7	3.3	.9								12.3	5.3
NNE	1.8	1.6	1.0	.2	.0							4.8	4.4
NE	1.2	2.0	1.3	.3	.0							4.8	4.6
ENE	1.0	2.0	.9	.0								3.9	4.0
E	1.2	.6	.3									2.1	3.2
ESE	.5	.5	.1									1.1	4.0
SE	.8	.5	.4	.0								2.1	4.0
SSE	1.6	2.3	1.7	.6	.1							5.3	5.2
S	1.4	5.1	6.9	2.9	.3	.0	.0					16.6	6.1
SSW	.3	1.3	2.7	1.5	.2	.1						6.1	6.0
SW	.4	.8	1.7	1.1	.2	.1						4.3	6.1
WSW	.6	1.2	1.8	.9	.2	.1	.0					4.8	6.1
W	.9	1.4	1.9	1.1	.1	.1	.0					5.6	6.1
WNW	.3	.4	.3	.2	.0							1.4	5.3
NW	.2	.3	.2	.1	.0							1.4	5.2
NNW	.2	1.3	.6	.1								2.2	5.2
VARBL	1.1	.1										1.2	2.0
CALM												19.3	
	19.8	28.1	28.9	9.2	1.8	.3	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 4275

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

30C08	SW BREMERHAVEN/CUXHAVEN AAF	60-70	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	4.5	3.3	.6								10.1	6.3
NNE	1.6	2.6	1.8	.7	.6	.0						5.9	6.6
NE	.6	2.1	1.8	.4	.1							5.2	6.8
ENE	.6	1.9	1.5	.4								4.6	6.4
E	.6	.9	.2	.1								1.8	4.6
ESE	.5	.5	.1									1.0	4.1
SE	.5	.6	.4	.1								1.7	5.1
SSE	.6	2.3	1.9	.4	.2							5.4	6.4
S	.6	3.3	5.5	2.6	.2							12.9	8.2
SSW	.3	.9	2.1	1.1	.2	.0						4.7	9.1
SW	.3	1.1	1.7	1.1	.3	.0	.1					4.5	9.4
WSW	.5	1.7	2.5	1.9	.4	.1	.0					7.1	9.4
W	.7	1.6	2.1	2.2	.7	.2	.1					7.9	10.1
WNW	.6	1.1	.8	.5	.2							3.1	7.5
NW	.7	1.2	.8	.6	.3							3.2	6.9
NNW	.7	1.7	1.2	.3	.0							4.0	6.2
VARBL	.4	.2										.9	3.1
CALM												17.1	
	11.3	28.1	27.7	13.1	2.2	.3	.2					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3918

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

DATA PROCESSED BY ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34008 STATION — SAN ANGELO TERMINAL/GOODFELLOW AAF STATION NAME — 42-72 YEARS — JAN MONTH

ALL WEATHER CLASS — 00-06 HOURS EST

CONDITION

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	1.1	3.5	2.7	.5	.1							7.9	6.4
NNE	.9	2.2	2.0	.5								5.6	6.5
NE	.7	2.7	2.3	.7	.0							6.8	6.8
ENE	.6	2.4	1.5	.4								4.9	6.5
E	.7	1.6	.9	.0								3.2	5.4
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								3.5	5.7
S	1.1	2.8	4.1	2.0	.2							10.1	8.0
SSW	.3	1.6	2.2	1.6	.2							6.0	9.9
SW	.3	1.3	2.3	1.2	.2	.1						5.3	8.9
WSW	.3	1.5	2.2	2.5	.5	.1	.0					7.2	10.3
W	.8	1.9	3.3	3.2	.5	.1						9.8	9.7
WNW	.6	.9	1.4	1.2	.2	.0						4.2	8.7
NW	.6	.9	1.3	1.1	.3							4.1	9.0
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	26.8	29.2	15.6	2.4	.4	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 4552

USAFETAC FORM 0L-24 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24028 STATION — SAN ANGELO/GOODFELLOW AFB STATION NAME — 1973 YEARS — ALL MONTHS

ALL WEATHERS CLASS — ALL 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	1.1	3.9	3.6	1.7	.1	.1						10.3	7.6
NNE	.2	2.1	2.1	.7	.1							5.4	7.5
NE	.3	1.9	2.1	.5	.1							5.0	7.1
ENE	.6	1.1	1.6	.7	.1							3.9	7.6
E	.4	1.1	.6	.3								2.5	6.3
ESE	.3	.5	.2	.1								1.1	4.3
SE	.4	1.1	.2	.1								1.8	5.1
SSE	.7	2.3	1.1	.1								4.3	5.4
S	1.1	4.3	4.6	1.4	.1	.1						11.8	7.3
SSW	.3	1.9	2.2	1.3	.2							5.9	8.3
SW	.5	1.7	2.2	1.7	.2	.1						6.3	8.6
WSW	.5	1.8	2.9	2.1	.2							7.5	9.1
W	1.1	2.7	3.2	2.2	.2	.1						9.5	8.2
WNW	.4	1.2	1.2	.9	.1							3.8	7.6
NW	.3	1.2	1.7	1.2	.1							4.5	8.6
NNW	.7	1.5	2.2	1.2	.1							5.7	8.1
VARBL	1.1	.6										1.6	3.1
CALM												0.5	
	11.1	30.1	31.3	16.6	1.8	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 4495

USAFETAC FORM 0-9 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34058	SAARBRUECKEN GERMANY/COLEMAN AAF	60-72	AY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.4	4.0	.8								9.8	5.0
NNE	.7	1.7	1.6	.5								4.4	5.7
NE	.6	1.5	1.1	.4	.1							3.8	6.4
ENE	.6	1.2	1.0	.2								2.9	6.2
E	.6	1.1	.8	.2								2.7	5.6
ESE	.6	.8	.4	.1								2.1	4.9
SE	.4	1.3	.4	.1								2.2	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	7.9
SW	.5	2.1	2.4	1.1	.1							6.2	7.4
WSW	.7	2.1	2.9	1.7	.3							7.7	8.3
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	.6	.0							4.5	7.2
NNW	.6	2.2	1.7	.8	.1							5.6	7.0
VARBL	1.0	.9										2.7	3.0
CALM												10.1	
	14.7	31.7	30.6	11.6	1.1	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 4508

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24008 STATION | SAARBRUECKEN GERMANY/COLEMAN AAF STATION NAME | 60-70 YEARS | MONTH

ALL WEATHER CLASS | ALL HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.9	3.8	.9	.2							10.1	6.7
NNE	.9	1.9	2.0	.6	.2							5.5	6.8
NE	.6	1.9	1.6	.7								4.7	7.0
ENE	.6	1.5	1.9	.4								4.4	6.7
E	.6	1.2	.8	.3								2.9	5.[illegible]
ESE	.4	.4	.4									1.1	5.2
SE	.6	1.0	.4	.2	.2							2.[illegible]	5.2
SSE	.8	2.0	1.0	.2								4.[illegible]	5.7
S	1.[illegible]	3.0	3.0	.8	.1							8.[illegible]	7.[illegible]
SSW	.5	1.7	2.0	.5	.1							4.[illegible]	7.3
SW	.4	1.7	1.8	.5	.1							4.[illegible]	7.3
WSW	.6	2.6	3.6	1.3	.1	.2						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	3.2	1.0										4.2	2.7
CALM												9.8	
	15.0	33.3	31.7	9.2	.9	.1			.0			100.[illegible]	6.1

TOTAL NUMBER OF OBSERVATIONS 4316

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34022 STATION | SAN JUAN PUERTO RICO/CAPE SAN JUAN | 50-70 YEARS | JUL MONTH

ALL WEATHER CLASS | ALL HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	4.7	2.2	.4								[illegible].[illegible]	[illegible].7
NNE	.9	1.9	1.2	.2								4.[illegible]	5.8
NE	.6	1.4	.7	.1								2.9	5.5
ENE	.6	.7	.5	.1								1.9	5.3
E	.4	.7	.3	.0								1.3	5.2
ESE	.5	.5	.3	.[illegible]								1.3	5.0
SE	.4	1.0	.5									1.9	5.3
SSE	1.[illegible]	2.1	.9	.0								4.[illegible]	5.3
S	.9	3.4	3.9	.8	.0							9.[illegible]	7.1
SSW	.4	2.0	2.2	.9	.1							5.5	7.8
SW	.7	2.6	2.5	1.3	.1							7.2	7.8
WSW	.7	2.4	4.3	2.4	.5	.[illegible]						10.3	9.[illegible]
W	1.[illegible]	3.5	4.5	2.3	.3	.1						11.7	8.3
WNW	.6	1.5	1.2	.4		.0						3.8	6.4
NW	.9	1.6	1.2	.2	.0							4.0	6.[illegible]
NNW	1.1	2.2	1.8	.2								5.4	5.9
VARBL	3.9	1.6	.2									5.6	2.8
CALM												11.2	
	10.6	33.1	28.2	9.4	1.1	.2						100.[illegible]	5.9

TOTAL NUMBER OF OBSERVATIONS 4401

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34068 STATION — SAARBRUCKEN GERMANY/COLEMAN AAF STATION NAME — 59-70 YEARS — AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	2.1	.3	.0							6.6	5.6
NNE	1.2	1.7	.9	.2								4.1	5.1
NE	.6	1.4	1.0	.2								3.2	6.1
ENE	.8	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	2.3	1.0	.1								4.1	5.3
S	1.3	4.6	5.2	.9	.0	.						11.9	6.9
SSW	.7	2.2	2.5	.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	1.5	1.1	.2								3.7	5.7
VARBL	3.6	.7										4.3	2.3
CALM												13.8	
	17.1	31.2	28.5	8.5	.8	.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 4926

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34008 (STATION) SA DRUBEK GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.3	1.8	.2								7.8	5.3
NNE	1.1	1.7	1.4	.0								4.3	5.4
NE	1.2	1.6	1.6	.3	.0							4.8	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								4.3	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	.9	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 4640

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

03006	SAARBRUECKEN GERMANY/COLEMAN AAF	59-70	OCT
STATION	STATION NAME	YEARS	MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.1	2.1	.4	.0							8.8	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	4.5
E	.7	.8	.4	.1								2.1	5.1
ESE	.7	.7	.2									1.6	4.1
SE	.6	.9	.3									1.8	4.7
SSE	.9	3.1	1.5	.3								5.7	5.8
S	1.7	4.6	5.3	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	8.2
WSW	.5	1.8	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	.0	.6	.6	.2								2.3	5.8
NNW	.8	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	8.8	.9	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 4749

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10068	SAARLOUIS GERMANY/COLEMAN AAF	59-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.5	2.1	.5								8.2	5.6
NNE	1.4	2.3	1.5	.2								5.4	5.7
NE	.9	1.8	.7	.0								3.4	5.6
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	2.3	2.1	.6								5.7	6.7
S	1.0	4.6	8.4	3.2	.4	.0						17.6	8.3
SSW	.5	1.7	2.5	2.7	.4							7.8	9.6
SW	.4	1.2	2.2	2.0	.3	.1						6.2	9.6
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	2.9
CALM												16.8	
	15.2	20.6	26.8	13.0	1.4	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 4534

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.9	1.7	.4	.0							7.8	5.5
NNE	1.1	2.4	1.5	.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	2.8	1.4	.2								5.2	5.8
S	.9	4.6	7.0	2.9	.4	.1						15.9	8.3
SSW	.3	1.8	2.9	2.0	.5	.0						7.4	9.4
SW	.2	1.2	2.2	1.5	.5	.1						5.7	9.9
WSW	.4	1.3	2.7	1.9	.5	.2	.0					6.9	10.0
W	.6	1.5	2.3	1.3	.1	.0						5.7	8.2
WNW	.4	.4	.4	.0	.0							1.3	5.8
NW	.4	.5	.3	.1	.0							1.3	5.9
NNW	.8	1.5	.5	.1								2.8	5.0
VARBL	1.3	.2										1.4	2.0
CALM												16.1	
	14.2	30.3	25.5	11.3	2.0	.4	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 4345

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

30088 STATION — SAN ANGELO GERMANY/COLEMAN AAF STATION NAME — 24 YEARS — JAN MONTH

ALL WEATHER CLASS

0000-0800 HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	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 PROCESSED BY
STAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

3604[illegible] STATION SAN ANGELO/GOODFELLOW AAF STATION NAME 42-05 YEARS [illegible] MONTHS [illegible] 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	5.5	4.4	1.1								12.1	7.0
NNE	2.2	4.4	4.4									11.0	[illegible]
NE		4.4	1.1									5.5	5.4
ENE	2.2	2.2	1.1									5.5	4.8
E													
ESE													
SE		1.1	1.1									2.2	6.0
SSE		3.3	4.4									9.9	6.3
S	1.1	4.4	9.9	5.5								20.9	8.4
SSW	1.1	1.1	7.7	1.1								11.0	9.6
SW													
WSW		3.3	1.1									4.4	5.5
W													
WNW		1.1										1.1	5.0
NW													
NNW		1.1										1.1	5.0
VARBL													
CALM												15.4	
	7.7	34.1	33.2	7.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 91

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

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible] AND [illegible]

SPEED KNTS DIR	1-3	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	3.5	2.0	.7								[illegible]	[illegible]
NNE	1.1	1.5	2.3	.1								4.9	6.2
NE	.9	3.4	1.3	.1								[illegible]	[illegible]
ENE	1.1	1.7	.6									3.4	6.6
E	1.7	.5	.2									2.4	3.5
ESE	.6	.6										1.6	3.2
SE	1.5	.9	.6									3.[illegible]	6.6
SSE	2.[illegible]	4.0	1.7	.5	.1							[illegible]	[illegible]
S	2.[illegible]	5.[illegible]	7.2	3.[illegible]	.2	.1						17.[illegible]	7.7
SSW	.3	1.4	1.7	1.1	.2	.1						4.9	9.1
SW	.6	.9	1.3	.9								3.[illegible]	7.2
WSW	.5	1.1	1.1	1.4								4.1	[illegible]
W	.7	.9	1.8	.6								4.[illegible]	7.4
WNW	.4	.2		.2	.1							.[illegible]	[illegible]
NW	.9	.8	.1									1.[illegible]	6.3
NNW	.5	.9	.3	.1								1.[illegible]	5.9
VARBL	.9	.1										.[illegible]	2.[illegible]
CALM	-	-	-	-	-	-	-	-	-	-	-	23.[illegible]	
	10.4	27.9	22.[illegible]	8.3	.7	.2						100.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

| | | |

DATA PROCESSED BY USAF
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible] SAN ANGELO GERMANY/COLE A AAF 52-72 [illegible]

ALL WEATHER 1200-1400

OBSERVED WIND DIR	WIND SPEED (KNOTS) 1	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	3.3	5.3	1.1								11.9	5.2
NNE	.6	1.7	1.7	.4								4.3	7.1
NE	1.0	2.1	1.9	.7								6.2	5.3
ENE	.8	1.7	1.1									3.7	5.8
E	.8	1.1	.1									2.1	3.7
ESE	.7	.4	.1									1.2	3.8
SE	.8	.3	.6									1.9	5.1
SSE	1.1	2.0	2.1	.1								5.3	5.7
S	.8	5.5	6.9	2.7	.4	.1						14.4	8.2
SSW	.1	1.0	2.1	2.1	.4							6.4	9.9
SW	.3	.9	1.5	1.1	.3	.1						4.2	9.8
WSW	.0	1.2	1.9	1.1	.4	.1	.1					5.6	9.9
W	.4	1.7	2.2	1.5	.1	.1	.2					6.9	9.1
WNW	.7	.1	.6	.2	.1							1.7	7.5
NW	.7	.6	.1	.3								1.9	5.9
NNW	.1	2.1	1.1	.1								4.3	5.4
VARBL	.1	.1										1.2	1.8
CALM												15.1	
	14.2	27.3	29.1	11.5	1.9	.4	.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 990

DATA FROM [illegible]

DATA PROCESSING AGENCY
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34053 — STATION
SUFFOLK DERMAN/COLLEMAN AAF — STATION NAME
47-71 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
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	2.0	4.7	3.5	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.[illegible]
SE	.4	.9	.1									1.4	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.[illegible]	8.[illegible]
SSW	.2	1.8	3.2	1.6	.2	.1						7.2	9.[illegible]
SW	.1	.9	1.9	2.[illegible]	.1	.1						5.2	10.5
WSW	.4	.6	2.1	.6	.5							4.6	9.1
W	1.1	1.5	2.2	1.3	.2							6.3	7.7
WNW	.0	1.1	.5									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												10.1	
	15.3	29.1	27.[illegible]	10.7	1.4	.2	.1					100.[illegible]	5.8

TOTAL NUMBER OF OBSERVATIONS 851

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24068 STATION | SAARBRUECKEN GERMANY/COLEMAN AAF STATION NAME | 61-70 YEARS | ANN MONTH

ALL WEATHER CLASS | 1800-2000 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.9	1.3	.3								7.8	4.7
NNE	1.6	1.3	.8									3.7	4.9
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	.5	.6	.3	.2								1.4	5.5
SSE	1.6	3.3	.8									5.7	4.6
S	1.3	5.9	5.7	2.4	.2							15.4	7.5
SSW	.8	2.1	4.3	1.4								8.8	7.8
SW	.5	.6	2.9	1.3								4.9	8.3
WSW	.3	1.9	3.3	.6								6.2	7.5
W	.8	1.7	1.3	.3								4.1	6.1
WNW	.6	.6	.5	.2								1.9	5.5
NW	.6	.2	.2									1.0	4.3
NNW	.8	.3	.6									1.7	4.8
VARBL	1.6	.2										1.7	2.2
CALM												20.6	
	19.5	29.2	23.8	6.7	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 630

USAFETAC FORM 0-8-5 OL-1, PREV. EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10008	SAARLOUIS GERMANY/CLELIAN AAF	61	10
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		5.3	5.3									10.5	6.5
NNE			5.3									5.3	9.0
NE	5.3	5.3										10.5	3.5
ENE													
E		5.3	5.3									10.5	6.0
ESE		5.3										5.3	4.0
SE													
SSE	5.3	10.5										15.8	4.7
S			21.1									21.1	9.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												21.1	
	10.5	31.6	36.8									100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 19

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34008 STATION — SOEST, GERMANY/CULEMANN AAF STATION NAME — 62-65 YEARS — FEB 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	3.7	4.9	2.4	2.4								13.4	6.4
NNE	1.2	7.3		1.2								9.8	5.8
NE		4.9	2.4									7.3	5.7
ENE	1.2	4.9										6.1	4.5
E													
ESE													
SE		2.4	1.2									3.7	5.7
SSE		2.4	1.2									3.7	5.7
S	2.4	3.7	1.2	2.4								9.8	6.9
SSW				1.2								1.2	12.0
SW													
WSW		3.7	1.2	1.2								6.1	7.8
W		1.2	1.2									2.4	5.5
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	
	8.5	49.2	17.1	9.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 82

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

DATA PR[illegible]
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34068 (STATION) SA[illegible]BERG GERMANY/GOLF A[illegible] AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS L.S.T.)

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.5	3.2	.9								9.1	6.2
NNE	2.1	2.1	1.1									5.4	4.9
NE	1.1	3.2	.9	.2								5.5	5.2
ENE	.5	1.6	.6									2.7	5.2
E	.7	.4	.1									1.4	3.6
ESE	.5	.4										.9	3.4
SE	.5	2.[illegible]	.5									3.[illegible]	5.[illegible]
SSE	2.[illegible]	4.5	2.9	.2								9.6	5.5
S	.9	3.4	6.1	1.9								12.[illegible]	7.9
SSW	.2	.6	1.9	1.[illegible]	.2							4.[illegible]	9.3
SW	.2	1.2	1.2	1.[illegible]	.1							3.9	8.5
WSW	.2	1.7	2.4	2.1	.3							6.7	9.3
W	.5	1.[illegible]	1.0	1.2	.4	.2	.2					4.6	10.9
WNW	.2	.9	.5	.1	.2							1.7	8.[illegible]
NW	.4	.1	.1	.0								1.2	3.4
NNW	.7	.6	.2	.1								1.7	4.8
VARBL	.2	.1										.4	3.3
CALM												26.1	
	12.9	27.2	22.8	9.2	1.2	.2	.2					100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 801

USAFETAC FORM [illegible] (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34068 (STATION) SAARBRUCKEN GERMANY/COLEMAN AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1900-1100 (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	5.3	3.3	.5								10.1	5.8
NNE	.9	2.3	1.9	.9		.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	.8	.1									1.5	3.8
ESE	.1	.5										.6	4.2
SE	.5	.5	.4									1.3	4.7
SSE	.4	2.6	2.4	.7								5.6	6.8
S	1.1	5.5	6.3	2.3	.4							15.6	7.9
SSW	.4	1.6	1.8	1.4	.4	.1						5.6	9.2
SW	.2	.9	1.6	1.1	.5	.1						4.5	10.1
WSW	.4	1.4	2.5	1.5	.2							6.0	9.2
W	.5	1.5	1.6	2.3	.5	.2	.1					7.3	10.4
WNW	.0	.8	.5	.5	.1							2.5	7.4
NW	.6	1.5	.2	.2								2.6	5.6
NNW	.8	1.6	.6	.2								3.3	5.4
VARBL	.4											.4	2.3
CALM												17.7	
	10.7	31.4	25.7	12.6	2.1	.6	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 853

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

1

SURFACE WINDS

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

34048 STATION | SAARBRUECKEN GERMANY/GILLEM AAF STATION NAME | 52-70 YEARS | FEB MONTH

ALL WEATHER CLASS | 1200-1400 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	5.3	5.2	1.3								12.4	9.8
NNE	.4	1.6	1.8	.7								4.6	7.8
NE	1.[illegible]	1.1	1.7	.9	.4							4.7	9.2
ENE	.2	.7	1.7	.5								3.1	8.0
E	.6	1.[illegible]	.4	.2								2.2	5.6
ESE	.4	.2	.2									.8	4.9
SE	.4	.4	.2									1.0	4.9
SSE	.2	1.8	1.7	.5	.1							4.3	7.4
S	.8	3.4	6.5	4.[illegible]	.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	.8	.1	.1					8.9	10.3
W	1.[illegible]	1.3	2.2	2.6	1.0	.4						8.4	10.6
WNW	.6	.6	1.1	.7	.2							3.9	8.4
NW	1.[illegible]	1.4	.7	.6	.1							4.1	7.4
NNW	.8	2.5	2.2	.6	.1							6.4	6.8
VARBL	.7	.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

1

SURFACE WINDS

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

34068 (STATION) SAND DEE GERMANY/COLEMAN AAF (STATION NAME) 67-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.3	3.6	1.2								10.1	6.8
NNE	.4	1.4	2.3	.9	.1							4.9	7.9
NE	.5	2.6	2.9	.4								5.8	6.9
ENE	.6	1.6	2.9	1.0								6.3	7.8
E	.1	.9	.5									1.5	6.1
ESE	.0	.8										1.4	3.9
SE	.4	.4	.5	.3								1.5	6.4
SSE	.0	1.3	1.4	.1								3.5	6.3
S	.0	3.2	4.1	2.6	.1							10.6	8.6
SSW	.5	.6	2.4	1.4	.5							5.4	9.8
SW	.3	.6	2.0	1.1	.1							4.3	9.4
WSW	.0	1.3	3.1	1.6	.5	.1						7.4	9.3
W	.9	1.5	2.9	3.5	.8	.1						9.7	10.2
WNW	.0	1.9	1.3	.0	.5							3.8	7.9
NW	.5	1.5	1.3	.3								4.0	7.3
NNW	.9	2.5	2.1	.4								5.9	6.4
VARBL	.1	.5										.6	4.4
CALM												12.2	
	9.0	29.1	33.3	15.7	2.6	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 796

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24088 SA[illegible]PE GERMANY/OBERPFAFFENHOFEN AAF 52-72 YEARS FEB MONTH

ALL WEATHER CLASS 1970-2000 HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.[illegible]	.5	.2								4.3	4.4
NNE	1.1	2.[illegible]	2.4	1.1								6.[illegible]	7.2
NE	.7	2.2	1.4	.8								4.9	6.1
ENE	.6	4.3	1.3	.6								7.[illegible]	5.[illegible]
E	1.3	1.0										2.9	3.8
ESE	.9	.5	.2									1.4	3.9
SE	.7	.5	.2									1.4	3.6
SSE	.5	.9	1.6	.7								3.[illegible]	7.[illegible]
S	.9	3.4	4.7	2.[illegible]	.6							11.2	7.[illegible]
SSW	.4	.5	2.9	1.1								4.9	8.7
SW	.5	2.2	3.1	1.1	.6							7.[illegible]	7.7
WSW	.8	1.3	2.7	1.0	.8							6.[illegible]	8.7
W	.9	3.3	3.1	.7	1.4							9.4	8.8
WNW	1.1	.9	.4	.2								2.[illegible]	5.1
NW	1.1	1.3	1.8	.8								4.[illegible]	6.[illegible]
NNW	.4	1.4	.5									2.4	5.5
VARBL	.9											.4	2.[illegible]
CALM												16.[illegible]	
	15.[illegible]	30.4	28.8	9.8	2.[illegible]							100.[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS 593

USAFETAC FORM [illegible] JUL 84 [illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34088 (STATION) SAARBRUECKEN GERMANY/CLELLAN AAF (STATION NAME) 52-64 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.4	4.1	5.4									14.9	5.2
NNE	2.7	5.4	4.1									12.2	5.4
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	5.0
SE	1.4	8.1										9.5	4.5
SSE			5.4									5.4	9.0
S	1.4	4.1	4.1									9.5	6.4
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
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34C6E STATION — SAARBRUECKEN GERMANY/CLEBURNE AAF STATION NAME — 60-70 YEARS — JAN MONTH

ALL WEATHER CLASS — 0900-0900 HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.6	2.7	.1								9.1	5.4
NNE	1.7	2.5	1.2									5.4	5.1
NE	1.1	3.7	1.4	.3								6.4	5.6
ENE	.7	1.9	.9	.1								3.6	5.4
E	1.5	1.9	.5									3.9	4.2
ESE	.3	.4	.1									.9	3.9
SE	.2	.7	.1		.1							1.2	5.9
SSE	1.4	2.7	.9	.5								5.5	5.4
S	1.9	2.8	3.9	2.3	.1							10.6	7.7
SSW	.2	2.2	2.8	1.4	.1							6.7	8.2
SW	.3	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	9.1
WNW	.3	.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 940

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24088 SAN DIEGO/BROWN FLD MUNI AP 60-79 YEARS AR MONTH

ALL WEATHER CLASS 0900-1100 HOURS LST

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	4.7	3.2	.8								9.7	6.0
NNE	1.1	2.3	1.8	.9								6.1	6.6
NE	.6	3.1	2.3	.6								6.6	6.8
ENE	.7	1.7	1.6	.4								4.3	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	5.4
SSE	.5	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	1.5	2.1	1.5	.1							5.2	9.5
SW	.4	1.9	2.8	.5								5.9	7.9
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								3.9	8.1
NNW	1.1	1.1	1.2	.4								3.9	6.2
VARBL	.6	.3										1.1	2.3
CALM												13.0	
	11.3	29.1	30.6	14.4	1.3	.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 966

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

1

SURFACE WINDS

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

34066 (STATION) — (STATION NAME) — (YEARS) — (MONTH)

ALL WEATHER (CLASS)

(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	.0	3..	2.1	.0								4.4	7.0
NNE	.0	2.2	2.0	.2								5.2	6.4
NE	.4	1.9	2.4	1.2	.1							6.0	8.0
ENE	.1	2.4	1.7	1.0								5.2	7.3
E	.1	.0	1.0									1.9	6.0
ESE	.7	1.2	.3	.1								2.4	5.2
SE	.3	1.3	.1									1.7	4.6
SSE	.3	1.2	.7	.3								2.5	6.5
S	1..	3..	4.4	2.5	.1							11..	8.3
SSW	.4	1.7	2.5	1.9	.6							7.2	9.5
SW	.0	1..	1.6	1.4	.2	.2						5.1	9.2
WSW	.1	1..	2.1	2.0	.4	.3						6.6	11.2
W	.5	1.9	3.8	5.3	.5	.1						12.1	10.6
WNW	.7	.8	1.2	1.3	.2	.1						4.3	9.2
NW	.6	.7	2..	1.5	.2							5.1	9.1
NNW	.3	1.9	2.2	1.4	.3							6.4	8.3
VARBL	2.0	.5										3.3	2.3
CALM												6.8	
	10.0	20.5	30.9	21.0	2.0	.8						100..	7.8

TOTAL NUMBER OF OBSERVATIONS 944

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

ATM PROCESS [illegible]
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

34008 SA [illegible] AAF 52-72 YEARS

ALL WEATHER CLASS

[illegible] HOURS

SECTION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.7	2.6	1.[illegible]	.2							7.[illegible]	7.7
NNE		1.9	2.1	.[illegible]								4.7	7.[illegible]
NE	.7	2.4	3.8	1.1								8.[illegible]	7.2
ENE	.4	2.9	2.5	.3								5.9	7.[illegible]
E	.1	2.[illegible]	1.2									3.3	6.[illegible]
ESE	.7	1.4	.4									2.[illegible]	[illegible].1
SE	.1	.5	.2	.1								1.[illegible]	4.[illegible]
SSE	.4	1.[illegible]	.5	.1								2.1	9.7
S	.8	1.1	3.8	1.5	.3							7.3	8.6
SSW	.6	1.8	2.1	1.0	.3							6.[illegible]	9.2
SW	.2	1.[illegible]	2.3	1.3	.4	.1						5.7	9.9
WSW	.3	1.5	1.4	3.1	.9	.3	.1					7.7	11.4
W	1.[illegible]	2.3	3.4	4.7	1.1							12.[illegible]	10.1
WNW	.5	1.2	2.6	1.3	.7	.1						6.9	9.9
NW	.4	1.1	1.4	2.[illegible]	.4							5.6	9.[illegible]
NNW	.1	1.0	2.7	.7	.1							5.[illegible]	[illegible].3
VARBL	.9	.7										1.6	2.9
CALM												6.1	
	7.1	27.7	33.3	20.9	4.4	.5	.1					100.[illegible]	9.1

TOTAL NUMBER OF OBSERVATIONS 912

[illegible]

1

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS

1800-2000 HOURS (LST)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	2.9	.3	.1							5.3	5.7
NNE	.7	.9	2.3	.6								4.5	7.5
NE	.7	2.2	1.4	.4	.1							4.8	4.3
ENE	1.1	3.4	1.0	.4								5.9	5.7
E	1.4	2.4	.3									4.2	4.1
ESE	1.9	.4	.1									2.4	3.2
SE	1.1	.4										1.5	3.1
SSE	1.0	1.0	.1									2.7	3.9
S	.6	3.0	2.0	.7								6.3	6.3
SSW	.6	1.3	1.7	1.3								4.9	8.8
SW		1.6	3.9	1.3	.1							6.9	8.7
WSW	.1	1.6	3.6	2.0	.4							7.8	9.6
W	1.4	2.7	4.7	2.6	.4	.1						12.1	8.9
WNW	.7	1.2	2.6	1.1	.1							5.9	8.1
NW	1.1	.7	1.9	.4	1.0							5.2	8.9
NNW	1.0	2.6	1.1	.4	.4							5.5	6.9
VARBL	.9											.9	1.2
CALM												11.9	
	15.4	28.3	29.7	11.6	2.9	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 696

[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

13C68	SW SCOPE GERMANY/COLEMAN AAF	61	MAR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER		2100-2300	
CLASS		HOURS (L.S.T.)	

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		5.0										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	30.0	15.0	20.0								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 20

USAFETAC FORM [illegible] (OBSOLETE) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24008 STATION — SAN ANGELO GOODFELLOW AAF STATION NAME — 52-64 YEARS — APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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	5.2
ENE			.8									.8	7.0
E	1.7	.0										2.5	3.3
ESE	1.7	1.7	.8									4.2	4.8
SE	.8	4.2	.8									5.9	5.0
SSE	.0	5.0	.8	.8								7.6	6.7
S		5.0	5.0	.8								10.9	6.5
SSW	1.7	.8	.8									3.4	4.8
SW		.8	3.4	.8								5.0	6.8
WSW		1.7	.8	.0								3.4	5.5
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	5.8
VARBL													
CALM												24.4	
	13.4	31.1	27.7	3.4								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

23005	SAN DIEGO/POINT LOMA NAS	60-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.3	3.0	1.5								11.2	5.4
NNE	.6	3.6	2.3	.2								6.8	6.2
NE	2.2	2.x	1.3	.1	.1							5.6	5.1
ENE	.6	.5	.3									1.4	4.1
E	.4	.1										.R	2.2
ESE	.6	.1										.9	2.6
SE	1.0	1.8	.1	.1								3.0	4.6
SSE	2.0	3.6	1.4									6.9	4.8
S	1.2	4.9	5.0	1.2								12.2	6.9
SSW	.3	1.7	1.7	.4	.1							4.3	7.1
SW	.3	2.1	2.2	.9								5.4	7.3
WSW	.3	1.6	3.4	1.1	.2							6.6	8.4
W	1.1	2.5	1.0	.7								5.3	5.9
WNW	.2	.4	.5	.1								1.3	6.3
NW	.4	.9	1.1	.9	.1							3.3	8.3
NNW	1.3	1.1	1.4	1.2								5.2	7.0
VARBL	.9											.9	2.0
CALM												19.0	
	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/MAC

SURFACE WINDS

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

34069 (STATION) SAN ANGELO/GOODFELLOW AAF (STATION NAME) 60-72 (YEARS) APR (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	.7	5.0	5.6	1.5	.1							12.9	7.4
NNE	.9	1.7	1.8	1.								4.1	7.3
NE	.3	1.7	2.2	1.3								5.5	7.9
ENE	.5	.8	1.5	1.								3.8	8.
E	.1	.7	.3	.2								1.4	6.3
ESE		.3	.2									.5	6.
SE	.1	.2		.1								.4	5.5
SSE	.7	1.7	1.6									4.0	6.
S	1.4	6.	5.5	1.5								14.4	5.9
SSW	.1	1.3	1.7	1.9								5.2	9.1
SW	.4	1.8	2.3	1.8	.1							6.5	8.3
WSW	.4	2.	3.2	1.5	.1							7.2	8.6
W	1.3	2.3	2.8	2.1	.1							8.9	7.8
WNW	1.	1.7	.4	.5								3.6	5.9
NW	.3	.7	1.3	.5								3.2	8.
NNW	1.	1.3	2.6	1.2								6.2	7.6
VARBL	1.3	1.0										2.2	3.
CALM												9.1	
	10.4	30.9	33.0	16.3	.4							100.	6.8

TOTAL NUMBER OF OBSERVATIONS 945

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34068 STATION — SANDPOINT NAS/SCHWEIZER FLD, IDAHO STATION NAME — 60-70 YEARS — APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	4.4	2.7								10.7	8.4
NNE	.2	1.7	1.9	1.1								5.0	8.2
NE	.2	1.6	2.2	1.5								5.6	8.4
ENE		.8	1.9	1.5								4.2	9.6
E	.1	.6	1.0	.2								2.1	7.3
ESE		.3	.1	.1								.5	7.2
SE	.1	.8	.2	.1								1.2	6.3
SSE	.5	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	.5	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	.3	.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												4.8	
	6.9	27.8	34.3	24.4	1.6	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34008 STATION — SAN ANGELO GERMAN/COLEMAN AAF STATION NAME — 60-70 YEARS — APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.8	2.6	2.4	.1	.1						8.7	8.4
NNE	.2	1.1	2.5	1.7	.2							5.7	9.3
NE	.3	1.9	2.1	.9								5.3	7.4
ENE	.3	1.0	2.1	.9	.1							4.5	8.6
E	.6	1.2	.9	.9								3.4	7.2
ESE	.4	.8	.3									1.6	4.7
SE	.3	.9	.3									1.6	4.9
SSE	.6	1.9	.7	.1								3.3	5.6
S	.3	3.1	3.6	1.2								8.3	8.0
SSW	.2	2.1	2.4	1.6	.6							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	3.0	.6							12.2	9.6
WNW	.0	1.1	2.4	1.2	.2							5.0	8.7
NW	.1	.8	2.0	1.6	.2							4.7	10.1
NNW	.4	1.5	2.2	1.5	.1							5.7	8.7
VARBL	1.1	.7										1.8	3.4
CALM												5.0	
	6.2	26.5	34.0	23.1	2.9	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

3406[0] (STATION) SA DUFFE[S] GERMANY/CLLE[M]AN AAF (STATION NAME) 60-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	3.0	1.9	1.4	.1							7.[illegible]	7.[illegible]
NNE	.3	1.0	1.7	.0								4.2	7.1
NE	.0	2.0	2.2	.4								5.[illegible]	6.7
ENE	1.7	2.3	2.2	.3								6.[illegible]	5.7
E	1.[illegible]	2.3	1.3	.1								4.[illegible]	5.[illegible]
ESE	1.7	1.2										2.9	3.4
SE	.4	1.0	.1	.1								2.3	4.9
SSE	.4	2.5	.1	.1								3.2	5.1
S	1.6	4.1	3.9	.9	.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	1.6	2.7	1.9	.1							7.2	8.4
W	1.3	3.6	4.8	1.7								11.4	7.3
WNW	.3	1.6	1.0	.3								3.2	6.7
NW	.3	2.5	1.4	1.6	.4							6.2	8.4
NNW	.3	2.0	2.3	.0	.3							5.[illegible]	8.1
VARBL	.7											.7	2.[illegible]
CALM												6.7	
	13.7	35.5	31.[illegible]	11.7	1.4							100.[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS 691

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10668	SAARBRUECKEN GERMANY/CULLEMAN AAF	60-64	MAY
STATION	STATION NAME	YEARS	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	.8	10.1	2.5									13.4	5.3
NNE	.8	2.5										3.4	4.3
NE		4.2										4.2	4.8
ENE													
E													
ESE	2.5	.8										3.4	3.0
SE		1.7										1.7	4.0
SSE		2.5	1.7									4.2	6.2
S	.8	2.5	.8									4.2	5.2
SSW	3.4	2.5	1.7									7.6	5.1
SW	.8	3.4	2.5	.8								7.6	6.7
WSW		4.2	2.5									6.7	6.5
W		1.7	2.5									4.2	6.4
WNW				.8								.8	12.0
NW		.8	.8									1.7	6.5
NNW		.8										.8	4.0
VARBL													
CALM												36.1	
	9.2	37.8	15.1	1.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

16C6E	SAN BERNARDINO/CAJON AAF	60-72	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — 0600-0900
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.4	2.4	.4								11.3	5.2
NNE	1.5	1.6	1.2	.2								4.3	5.3
NE	1.6	1.5	.4	.1								3.6	4.3
ENE	.6	.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	1.6										1.9	4.1
SSE	2.1	2.6	.7									5.7	4.3
S	2.6	4.9	4.6	.5	.1							12.4	6.3
SSW	.4	1.8	2.2	.7								5.2	7.5
SW	.6	2.4	1.7	.6	.1							5.5	7.0
WSW	.9	2.0	2.8	.5	.2							6.2	7.4
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 PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34558 STATION — SAN DIEGO/BROWN FIELD A AAF STATION NAME — 42-72 YEARS — AV MONTH

ALL WEATHER CLASS — 0900-1200 HOURS (L.S.T.)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.7	4.9	.4								10.0	6.5
NNE	1.0	1.1	1.8	.4								4.4	6.6
NE	.8	1.4	.8	.2								3.2	5.6
ENE	.2	.9	.9									2.1	6.4
E	.4	.8	.9	.3								2.3	7.3
ESE	.3	.7		.1								1.4	4.4
SE	.3	1.4	.4									2.1	5.0
SSE	.6	1.4	.7	.1								2.8	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	.6								6.9	6.9
WSW	.6	2.4	2.7	2.4	.6							8.7	8.9
W	.8	2.8	2.7	2.	.3							8.6	8.0
WNW	.4	1.6	1.7	.8	.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	6.8
VARBL	2.7	1.2										4.0	2.9
CALM												9.0	
	14.0	32.8	31.1	12.1	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 960

USAFETAC FORM 0-8-5 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

3405[illegible] [illegible] [illegible] [illegible] AF 63-73 YEARS MAY MONTH

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

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	4.6	1.3								8.1	4.2
NNE	.3	.7	1.7	.7								3.4	4.5
NE	.4	1.1	1.6	.4	.1							3.6	7.6
ENE	.3	1.4	1.7	.5								3.9	6.7
E	.2	1.1	.5	.2								2.0	6.8
ESE	.1	.9	1.2	.1								1.3	7.1
SE	.6	1.2	.5									1.7	5.8
SSE	.2	1.0	1.1	.3								2.7	6.4
S	.7	3.4	4.6	1.9								10.6	7.8
SSW	.9	1.9	2.3	1.9								6.1	8.2
SW	.1	2.9	3.1	1.6	.1							7.8	8.2
WSW	.7	2.6	3.7	2.1	.2							9.3	8.7
W	1.5	3.1	4.1	3.5	.6	.1						12.8	8.9
WNW	1.2	2.1	1.2	.4								4.4	6.2
NW	.9	1.2	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	
	12.6	29.6	35.3	17.2	1.4	.1						100.2	7.3

TOTAL NUMBER OF OBSERVATIONS 944

USAFETAC FORM 0-8-5 OL-1 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

36288 SALISBURY GEARY/CLEMENTS AAF 52-70 YEARS ANY MONTH

ALL WEATHER CLASS 1500-1700 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	1.2	2.4	4.6	1.4								9.7	7.7
NNE	.1	2.	1.9	.2								4.7	7.
NE	.3	1.6	1.3	.2	.2							3.	8.
ENE	.3	1.1	1.2	.3								3.	7.
E	.2	1.3	1.4	.2								3.	6.
ESE	.3	1.	.7	.1								2.	5.
SE	.2	.3	.4	.1								1.	6.
SSE	.6	2.7	1.5	.1								.2	5.
S	.7	3.	4.4	2.1								10.	9.
SSW	.6	1.9	3.1	1.	.2							6.9	8.1
SW	.3	1.4	1.5	1.	.2							4.	8.
WSW	.7	1.	2.9	2.5	.3							7.	9.
W	.4	2.7	4.8	2.9	.4							11.	9.
WNW	.7	2.1	2.7	.0	.2							6.	7.
NW	.6	1.5	1.6	.3	.2							3.	7.
NNW	.5	2.	2.	1.5	.1							6.	8.
VARBL	1.4	1.4										2.	3.
CALM												4.	
	11.2	29.	36.1	16.7	2.							100.	7.4

TOTAL NUMBER OF OBSERVATIONS 911

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS

36CSR STATION — SAN ANTONIO/STINSON MUNI AAF — 1957 YEARS — JAN MONTH

ALL WEATHER CLASS — 1800-2000 HOURS (LST)

SENSOR

SPEED KNTS / DIR	1 - 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								8.1	6.7
NNE	.4	3.4	1.9	.4								5.6	5.2
NE	.9	2.6	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								5.8	5.2
ESE	1.4	1.9	.4									3.7	4.2
SE	1.1	2.4	.4									4.1	4.3
SSE	1.2	1.9	.9	.1								3.9	5.1
S	1.4	3.2	3.1	.9								8.4	6.4
SSW	.1	1.4	1.3	.7								3.6	7.8
SW	.6	1.7	2.9	1.3								6.4	7.8
WSW	1.2	2.3	2.4	.6	.1							6.4	6.1
W	1.1	3.4	6.2	3.2								11.5	7.9
WNW	.7	1.2	.9	.7	.1							3.6	7.6
NW	.4	1.7	1.1	.6								3.9	7.2
NNW	.7	1.9	1.7	.9	.1							5.3	7.5
VARBL	1.3	.1										1.4	2.3
CALM												8.0	
	17.2	30.2	28.7	9.9	.4							100.2	5.9

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

SPEED (KNOTS) / DIR	0	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	3.9										6.6	4.2
NNE	1.3	1.3	1.3									3.9	5.7
NE	1.3	3.9										5.2	4.3
ENE			1.3									1.3	7.0
E													
ESE	1.3											1.3	2.0
SE	2.7	4.2	1.3	1.3								9.2	5.5
SSE	2.7	4.2										7.0	4.2
S	1.3	2.9	2.9									7.0	5.6
SSW													
SW	1.3	3.9	2.9									7.9	6.4
WSW		1.3		1.3								2.6	8.0
W		1.3	1.3									2.6	6.5
WNW	1.3	1.3										2.6	3.5
NW			1.3	1.3								2.6	11.0
NNW	1.3	1.3	1.3									3.9	6.0
VARBL													
CALM												39.5	
	13.4	29.1	11.7	2.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 153

1

SURFACE WINDS

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

34006 STATION — SA[illegible] STATION NAME — 52-7[illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — 0[illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.[illegible]	3.2	3.5	.5								12.[illegible]	[illegible]
NNE	2.4	4.1	1.6	.1								[illegible].2	5.[illegible]
NE	1.3	2.4	.5	.1								4.[illegible]	4.[illegible]
ENE	1.[illegible]	.9	.5									2.4	4.[illegible]
E	.0	.3	.1	.1								1.[illegible]	4.4
ESE	.3	.2										.5	3.4
SE	1.[illegible]	1.4	.6									3.[illegible]	4.5
SSE	.5	2.3	1.4	.2								[illegible].4	5.4
S	1.4	3.4	3.4	.9	.1							[illegible].0	6.7
SSW	1.[illegible]	1.3	1.3	.5	.1							4.[illegible]	6.9
SW	.5	1.1	1.5	.1	.1							3.[illegible]	6.3
WSW	.5	2.2	1.9	1.1		.1						[illegible].[illegible]	7.9
W	.6	1.0	1.3	.9								4.[illegible]	7.1
WNW	.6	1.3	.6									2.6	4.6
NW	1.1	.7	1.1	.1								3.1	5.4
NNW	.3	2.4	1.9	.2								4.[illegible]	6.4
VARBL	2.9	.1										3.[illegible]	1.7
CALM												21.9	
	2.7	30.9	21.5	4.6	.3	.1						100.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS 876

USAFETAC [illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24088 STATION — SAARLOUIS GERMANY/COLEMAN AAF STATION NAME — 50-70 YEARS — MONTH

ALL WEATHER CLASS — 0900-1100 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	4.3	1.1	.1							10.6	7.1
NNE	.5	1.3	2.5	.8								5.1	7.4
NE	.4	1.5	1.7	.5								4.3	7.2
ENE	.4	1.4	1.5	.4								3.8	7.3
E	.2	1.1	.2	.3								1.9	6.2
ESE	.2	.5	.4									1.2	6.1
SE	.5	.4	.2									1.2	4.6
SSE	.8	1.5	.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	1.0	.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	3.4	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 PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34062 STATION — SANDERSON DERRANEY/CLEARWATER AAF STATION NAME — 60-70 YEARS — MONTH

ALL WEATHER CLASS — 1200-1400 HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.3	2.7	.9								7.8	6.9
NNE	.4	1.1	2.9	1.2	.1							5.7	9.3
NE	.1	1.2	2.9	.9								4.1	8.0
ENE	.3	1.9	3.1	.5								5.7	7.2
E	.4	.7	1.4	.1								2.6	7.1
ESE	.3	.1	.4									.9	5.8
SE	.3	.7	.3									1.3	5.2
SSE	.9	2.2	1.3	.1								4.5	5.7
S	.9	2.5	2.9	.9								7.2	7.1
SSW	.1	2.7	2.4	1.1	.1							6.4	7.5
SW	.2	1.9	2.1	.5	.1							4.8	7.7
WSW	.5	2.2	5.4	2.1	.2							10.4	8.5
W	1.1	3.2	4.8	2.1	.5							11.7	8.4
WNW	.2	2.1	2.5	1.4								6.3	9.1
NW	.3	2.5	1.5	.5								4.9	6.9
NNW	.6	2.5	2.0	.3								5.5	6.4
VARBL	4.3	2.4										6.7	3.1
CALM												3.9	
	12.2	33.2	37.8	12.4	1.0							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 911

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24008 STATION SAARBRUECKEN GERMANY/GABLE AAF STATION NAME 52-72 YEARS MONTH

ALL WEATHER CLASS 1500-1700 HOURS (LST)

SECTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.5	4.9	1.3								10.3	7.6
NNE	.1	1.3	1.5	.7	.1							3.7	8.3
NE	.2	1.1	1.6	1.3								4.2	6.6
ENE	.5	1.5	2.4	.7								5.1	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	1.3	2.7	.3	.2							4.7	8.1
SW	.5	1.5	1.8	.9	.3							5.1	8.3
WSW	.5	2.6	4.7	1.3	.2							9.2	7.9
W	.6	3.0	6.3	3.9	.7				.1			14.7	9.6
WNW	.3	1.6	2.6	.5								5.0	7.4
NW	.1	2.4	2.4	.2								5.1	7.0
NNW	.6	3.0	3.0	1.1	.1							7.6	7.4
VARBL	2.2	1.1										3.3	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

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 54

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34000 STATION — SAN DIEGO, CALIFORNIA, MCAS STATION NAME — 47-72 YEARS — MONTH

ALL WEATHER CLASS — 1800-2000 HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.5	3.7	.5								9.6	6.4
NNE	1.1	2.2	1.6	.3								5.1	6.2
NE	.6	3.5	2.4	.5								7.0	6.8
ENE	1.3	2.6	2.1	.2								6.1	5.7
E	1.4	2.9	.6	.2								5.1	4.6
ESE	.6	.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	.6	2.1	2.1	.3	.3							5.5	7.2
SSW	.6	1.1	1.4	.3								3.5	6.8
SW	.3	1.6	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						5.2	6.4
NW	1.9	1.6	1.0									4.5	4.5
NNW	1.6	2.7	2.1	.3								6.7	6.0
VARBL	.6	.2										.8	2.8
CALM												2.2	
	17.2	30.8	31.3	5.9	.5	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 623

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34068	SAARBRUECKEN GERMANY/COLEMAN AAF	62	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10068 (STATION) SAARBRUECKEN GERMANY/COLEMAN AAF (STATION NAME) 60-64 (YEARS) JUL (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	2.6	.9										3.8	3.5
SE	1.9	2.8	1.9									6.6	4.9
SSE	2.8	5.7										8.5	4.1
S	2.8	3.8	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/MAC

SURFACE WINDS

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

10069 STATION — SAARLOUIS GERMANY/COLEMAN AAF STATION NAME — 60-70 YEARS — MAR MONTH

ALL WEATHER CLASS — 2600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	3.[illegible]	4.6	1.2	.1								9.[illegible]	4.6
NNE	1.3	2.0	.8	.1								5.1	4.[illegible]
NE	.0	1.1	.2									1.9	4.[illegible]
ENE	1.[illegible]	.4										1.[illegible]	2.9
E	.2	.3										.[illegible]	3.4
ESE	.7	.2	.1									1.[illegible]	3.4
SE	.0	1.7	.6									2.[illegible]	4.[illegible]
SSE	2.4	3.7	.7									6.[illegible]	4.[illegible]
S	1.8	4.3	3.8	.7								10.[illegible]	6.3
SSW	.2	2.4	1.3		.1							4.[illegible]	6.3
SW	.7	2.0	2.7	1.[illegible]	.2							6.6	7.[illegible]
WSW	.7	2.2	3.3	.3								6.[illegible]	6.[illegible]
W	.7	2.1	1.8	.4								5.1	6.3
WNW	1.7	.7	.2	.1								2.7	4.0
NW	1.[illegible]	1.1	.2									2.4	3.9
NNW	1.2	1.6	.4	.1								3.4	4.3
VARBL	3.3	.6										3.[illegible]	2.7
CALM												26.3	
	20.9	32.1	17.4	2.9	.3							100.[illegible]	3.9

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

3400P — STATION
SAARLAUTERN GERMANY/GOLF A AAF — STATION NAME
60-70 — YEARS
V 6 — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.5	1.9	.2								8.3	5.4
NNE	1.[illegible]	1.8	.5	.3								3.6	5.4
NE	1.[illegible]	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.[illegible]	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	2.0	.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.[illegible]	1.2	1.5	.2								3.8	6.2
NNW	1.3	2.0	1.8									5.1	5.6
VARBL	0.3	1.0										1.3	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/MAC

1

SURFACE WINDS

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

34068 (STATION) SALINAS BERARDI/CUBERA AAF (STATION NAME) 60-70 (YEARS) 06 (MONTH)

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

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	2.7	.3								7.2	5.2
NNE	.8	1.3	1.2	.4								3.7	5.5
NE	.2	2.1	.3	.2								2.8	5.9
ENE	.2	.7	.8	.2								1.9	7.0
E		.5	.4									1.0	6.8
ESE		.5	.3	.1								1.0	5.9
SE	.3	.6	.7									1.7	6.4
SSE	.3	1.3	1.3	.4								3.2	7.0
S	.4	2.8	5.0	.8								9.1	9.6
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	.0							12.8	9.9
W	1.0	5.2	5.1	4.1	.7							14.2	9.7
WNW	.5	2.1	1.2	.5								4.4	6.8
NW	.7	1.4	1.6	.3								4.0	6.8
NNW	.8	1.9	2.7	.3								5.7	6.7
VARBL	4.0	3.3										7.3	3.9
CALM												3.4	
	12.2	33.3	34.2	15.4	1.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 916

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS

36068 STATION — SAARLAUTERN GERMANY/GALLE AAF STATION NAME — 61-70 YEARS — M.E. MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	3.3	.9								8.8	6.5
NNE	.3	1.1	1.8	.2								3.4	6.8
NE	.3	.7	1.5	.1								2.6	6.4
ENE	.7	1.2	.8									2.7	5.3
E	.5	.9	.8	.1								2.3	6.1
ESE	.2	.7	.3									1.2	5.8
SE	.3	.9	.6									1.8	5.6
SSE	.3	1.4	.8									2.5	5.8
S	.8	1.8	2.6	1.0								6.2	7.7
SSW	.2	1.5	2.7	1.1								5.6	8.6
SW	.9	2.8	3.1	1.5	.1							8.4	7.8
WSW	.2	2.5	5.9	3.7	.9	.1						13.4	10.0
W	.9	3.3	6.7	3.4	.6	.1						15.0	9.0
WNW	.7	1.6	1.6	1.2		.1						5.2	7.7
NW	.7	1.9	1.7	.5								4.8	6.6
NNW	.9	2.9	2.4	.6								6.8	6.8
VARBL	3.9	2.2	.1									6.1	3.1
CALM												3.1	
	13.4	31.0	36.6	14.4	1.0	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10068 (STATION) SA [illegible] GERMANY/COLE AB AAF (STATION NAME) 60-70 (YEARS) MAR (MONTH)

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.8	1.6	.6								9.0	5.3
NNE	1.[illegible]	2.4	1.9									[illegible].4	5.0
NE	.9	2.5	.6	.3								4.[illegible]	5.[illegible]
ENE	.7	.6	.3	.1								1.8	4.[illegible]
E	1.[illegible]	1.8	.4									3.3	4.5
ESE	.9	.9	.6									2.4	5.[illegible]
SE	.6	.7	.3									1.6	4.8
SSE	.9	1.9	.1									3.[illegible]	4.2
S	.6	2.4	1.9	.1								5.1	6.3
SSW	.1	1.8	1.6	.4								4.[illegible]	7.3
SW	.7	3.6	1.5	.6	.3							6.7	6.8
WSW	1.2	2.7	4.2	1.[illegible]	.4							9.6	7.[illegible]
W	1.6	4.5	6.0	1.[illegible]	.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.[illegible]	5.5
NNW	1.5	3.[illegible]	2.1	.3								6.9	5.9
VARBL	2.1											2.1	1.7
CALM												10.[illegible]	
	19.3	37.7	25.1	5.5	1.5	.3						100.[illegible]	5.6

TOTAL NUMBER OF OBSERVATIONS 669

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

SPEED (KNTS) / DIR	1-3	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		100.0									100.0	5.0
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM											0.0	
		100.0									100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1

1

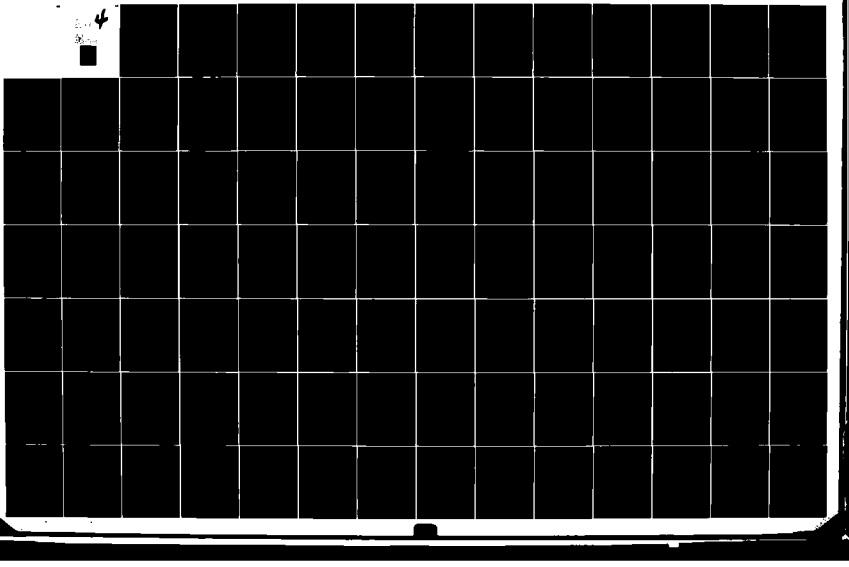
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS

SPEED (KNOTS) / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	TOTAL	AVG SPD
N	3.1	2.4	.8	.4								6.1	4.1
NNE	.8											.8	3.0
NE		1.6										1.6	4.0
ENE		.8										.8	5.0
E		.4										.4	4.0
ESE	.8	.8										1.6	4.0
SE	1.6	1.6										3.2	3.5
SSE	1.6	1.7	2.1									5.4	5.4
S	2.4	1.2	2.5									6.1	5.4
SSW	.8	2.4	2.9									6.1	5.4
SW		2.4	1.6									4.0	5.0
WSW		3.1	1.6	1.2								5.9	6.0
W		.8	.8	.8								2.4	6.0
WNW		1.6										1.6	4.0
NW		2.1										2.1	4.0
NNW	1.6											1.6	3.0
VARBL													
CALM												27.4	
	12.9	4.7	15.7	3.1								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 127

AD-A087 816 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SANDHOFEN GERMANY/COLEMAN AAF. REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
FEB 72
UNCLASSIFIED USAFETAC/DS-80/056 NL



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

SURFACE WINDS

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

34068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	2.8	1.7	.2								8.7	4.5
NNE	2.4	2.0	.4	.1								4.9	3.9
NE	.7	1.0	.4	.1								2.2	5.2
ENE	.3	.3										.6	3.5
E	.4											.4	2.0
ESE	.1	.3										.4	3.5
SE	.4	1.1	.4									1.9	4.6
SSE	1.6	4.1	1.2									7.0	4.8
S	2.1	6.2	5.6	1.0	.1							15.1	6.6
SSW	1.1	3.0	1.6	.4								6.1	6.0
SW	.5	2.5	1.4	.3								4.7	6.0
WSW	1.0	2.2	2.6	.5								6.4	6.6
W	.6	2.0	.6	.3								3.5	5.7
WNW	.5	.8	.4									1.7	5.1
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

1

SURFACE WINDS

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

24068 (STATION) SAARLOUIS GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	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	5.0	1.0								12.3	7.0
SSW	.6	3.0	2.3	.4	.1							6.4	6.8
SW	.9	2.8	3.2	1.7	.3							8.9	7.9
WSW	.5	2.6	4.4	2.0	.1							9.5	8.2
W	.8	2.7	3.4	1.2								8.1	7.5
WNW	.5	.5	1.1	.1								2.2	6.9
NW	.7	1.0	.7	.1								2.5	5.4
NNW	.8	2.1	1.2	.2								4.3	6.1
VARBL	3.2	.6										3.9	2.0
CALM												15.4	
	17.2	30.7	28.0	8.2	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1090

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

1

SURFACE WINDS

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

10468	SAARLOUIS GERMANY/COLEMAN AAF	59-70	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.0	2.1	.2	.1							5.4	6.5
NNE	.7	1.6	1.1									3.3	5.7
NE	.4	1.3	1.3	.4								3.3	6.9
ENE	.5	1.1	1.0	.3								2.9	6.6
E	.3	.9	.8	.1								2.1	6.7
ESE	.3	.6	.9									1.8	5.9
SE	.2	.5	.2	.1								1.0	5.7
SSE	.4	1.7	.7	.3								3.1	6.1
S	.5	5.4	5.6	.8								12.2	7.0
SSW	.9	2.3	2.6	1.0	.1							6.9	7.4
SW	.8	1.9	4.4	1.4	.5							8.9	8.6
WSW	.7	2.5	5.8	3.1	.7							12.8	9.4
W	1.3	3.1	3.5	3.1	.4	.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								4.4	6.3
VARBL	3.2	1.6										6.7	2.6
CALM												6.4	
	14.3	31.7	33.4	12.1	1.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1026

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

1

SURFACE WINDS

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

34068 (STATION) SAARBRUEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	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	.3	1.4	.1									2.0	4.6
SE	.5	.9	.7									2.1	5.5
SSE	.3	1.5	.7									2.5	5.8
S	1.3	3.1	5.6	.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	5.6	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	2.2	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

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24068	SANDHOFEN GERMANY/COLEMAN AAF	60-70	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.2	1.2									4.2	5.3
NNE	2.3	1.6	.4	.1								4.4	3.9
NE	1.6	3.1	.7	.3								5.6	4.7
ENE	3.0	2.4	.7									6.0	4.1
E	3.4	.9	.1									4.4	3.3
ESE	1.1	.7	.1									1.9	3.4
SE	1.1	1.2	.1									2.4	3.9
SSE	.5	1.2	.4									2.2	4.8
S	1.1	2.3	3.8	.4								7.5	6.9
SSW	.5	.9	3.5	.5								5.5	7.3
SW	.5	3.4	4.3	.5	.1							8.9	7.2
WSW	.9	5.2	3.5	1.9	.4							12.0	7.7
W	2.0	6.3	8.5	1.3								19.2	6.3
WNW	1.1	.8	.8	.1								2.8	5.2
NW	.9	.8	1.1									2.8	5.4
NNW	.4	.9	.9									2.3	5.7
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

1

SURFACE WINDS

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

34068	SANDHOFEN GERMANY/COLEMAN AAF	60-64	SEP
STATION	STATION NAME	YEARS	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	2.6	4.4	.9									7.9	4.3
NNE			.9									.9	7.0
NE	.9											.9	2.0
ENE	.9	.9										1.8	3.5
E		.9										.9	4.0
ESE		.9	.9									1.8	7.0
SE	.9	.9	2.6									4.4	6.6
SSE	3.5	3.5										7.0	4.1
S	1.8	4.4	2.6	.9								9.6	6.1
SSW		2.6	.9									3.5	6.3
SW	1.8	2.6	2.6	.9								7.9	6.1
WSW		1.8	1.8	.9								4.4	8.2
W	.9	.9	.9									2.6	5.3
WNW													
NW	1.8	.9										2.6	3.3
NNW	.9											.9	3.0
VARBL													
CALM												43.0	
	15.0	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)

94068 (STATION) SAARBRUECKEN GERMANY/CHILLAIS AAF (STATION NAME) 59-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	3.2	.9	.1								8.3	4.1
NNE	1.6	2.3	.2	.1								4.4	4.1
NE	1.5	2.0	.4	.1								4.1	4.3
ENE	.9	.6	.4	.1								1.7	5.5
E	.3											.3	2.7
ESE	.1											.1	2.0
SE	.6	.6	.2									1.5	4.9
SSE	1.9	4.0	1.7	.1								7.7	5.2
S	2.6	7.0	4.2	.9	.3							14.4	6.4
SSW	.9	1.8	1.9	.1	.1							4.4	7.0
SW	.4	1.6	1.9	.4	.1							4.5	7.5
WSW	.4	1.4	1.8	.1								3.8	6.5
W	.9	.6	1.1	.3								2.9	6.3
WNW	.3	.1	.2									.6	4.5
NW	.4	.6										1.4	3.8
NNW	1.7	1.3	.2									3.2	3.8
VARBL	.8											.8	1.1
CALM												36.2	
	18.9	27.4	15.2	2.4	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10068	SANDHOFEN GERMANY/COLEMAN AAF	59-70	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	5.5	1.9	.1								10.8	5.0
NNE	1.4	1.9	.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	.6	.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	6.3	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	.3	.7	.1								2.2	5.4
NW	.6	.5	.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	.9							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)

34068 (STATION) SAARBRUECKEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.5	.3								6.8	6.4
NNE	.4	1.0	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	1.5	.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	1.0	4.2	3.7	1.9		.1						10.9	7.4
SSW	.3	2.4	3.3	1.5								7.5	8.1
SW	.2	.9	2.2	2.1	.2							5.6	9.7
WSW	.8	1.8	3.7	3.3	.5							10.1	9.4
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	
	13.2	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/MAC

1

SURFACE WINDS

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

34008 (STATION) SANDUSKY GRAY/CLEVELAND AAF (STATION NAME) 59-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	2.8	.9								7.8	6.5
NNE	1.0	1.6	3.0									5.6	6.4
NE	.6	1.8	3.0	.3								5.8	6.7
ENE	.6	1.7	2.4	.9	.2							5.9	7.6
E	.9	1.5	.9	.2								3.5	6.0
ESE	1.0	1.0	.6									2.6	5.2
SE	.9	1.3	.3									2.5	4.4
SSE	1.3	2.5	1.2									5.0	5.3
S	.4	4.1	5.0	1.6	.1							11.3	7.6
SSW	.2	1.3	2.3	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							9.0	10.0
W	.3	1.5	3.7	3.0	.2							8.8	9.3
WNW	.5	1.1	.8	.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												8.9	
	13.2	26.8	34.6	13.5	1.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 924

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93C6R	SALISBURY/C.B. MALONEY AAF	60-70	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.7	.7									4.3	4.4
NNE	1.6	.7	1.3									3.6	4.4
NE	1.7	1.9	.7									4.3	4.3
ENE	3.1	2.7	.4									6.3	3.6
E	2.6	1.0	.3									3.9	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	5.8
SSW	.9	2.0	2.4	.6								5.8	6.8
SW	.3	2.0	1.6	.7								5.1	6.9
WSW	1.3	4.0	4.3	1.4								11.0	7.1
W	1.3	3.6	3.0	.3								8.1	6.3
WNW	.4	.4	.3	.3								1.4	6.4
NW	.1	.1	.7									1.0	6.3
NNW	.1	1.1	.3	.1								1.7	5.8
VARBL	2.7											2.7	1.3
CALM												21.8	
	26.2	30.9	19.5	3.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 702

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10068 (STATION) SAARLEB GERMANY/COLEMAN AAF (STATION NAME) 53 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS - LST)

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
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/MAC

1

SURFACE WINDS

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

34068 (STATION) SAARLPFN GERMANY/COLEMAN AAF (STATION NAME) 61-64 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.2	6.2	1.0	1.0								14.4	4.9
NNE		5.2	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	5.2	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												22.9	
	20.6	32.0	17.5	7.2								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 97

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

SURFACE WINDS

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

34068 (STATION) SAARLOUIS GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.4	1.7	.2	.2							7.8	5.3
NNE	1.5	2.6	.7	.2								4.4	4.9
NE	.6	1.5	.4									2.7	4.6
ENE	1.7	2.3	.4									4.4	4.2
E	.6	.3	.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	6.3
WNW	.5	.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/MAC

1

SURFACE WINDS

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

34068 (STATION) SAARBRUECKEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.5	3.1	.4								9.8	5.9
NNE	1.4	2.0	.8	.4								4.6	5.4
NE	.9	1.6	1.5									4.0	5.6
ENE	1.2	1.2	.5	.1								2.9	4.5
E	.6	1.3	.5									2.5	4.9
ESE	1.0	.5	.1									1.6	3.8
SE	.3	.7	.4									1.4	5.6
SSE	.7	3.0	2.8	.4								6.9	6.6
S	1.8	5.4	6.3	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	.3								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	.3	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1032

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

34069	SANDHOFEN GERMANY/COLEMAN AAF	59-70	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.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	.6	.3									1.4	5.0
SE	.3	.4										.7	4.0
SSE	.5	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	3.4	.7	.1							7.9	7.3
SW	.2	1.9	2.9	2.5	.2	.1						7.8	9.2
WSW	.7	2.3	2.8	1.5	.2		.1					7.6	8.3
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	.6	.5								2.5	6.2
NNW	.6	1.9	1.0	.6								4.1	6.5
VARBL	3.4	.5										3.9	1.9
CALM												9.0	
	15.4	31.5	30.1	13.1	.7	.1	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1004

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

94068 (STATION) SAN JOSE GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.1	2.1	.1								9.6	5.1
NNE	1.4	2.2	2.0	.6								5.4	6.5
NE	.5	3.7	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	.8	.2									1.7	4.3
SSE	1.0	1.9	.7	.2								3.8	5.4
S	.9	3.7	5.3	1.6	.3							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	3.0	2.9	1.3	.3							9.3	7.3
WNW	.7	1.9	.9	.7								4.2	6.5
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

SURFACE WINDS

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

10108 (STATION) SAARBRUECKEN GERMANY/COLEMAN AAF (STATION NAME) 61-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.7	1.0	.1								5.4	4.6
NNE	2.2	1.2	.4									3.8	3.8
NE	.9	2.2	1.0									4.1	4.9
ENE	4.5	3.8	.1									8.4	3.8
E	.7	1.2										1.9	3.9
ESE	.9	.7										1.6	3.5
SE	1.3	1.3	.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	8.0
SSW	.4	1.9	2.7	.7								5.8	7.2
SW	.6	2.9	1.9	.3								5.6	6.1
WSW	.9	3.5	1.7	.9	.1							7.1	6.7
W	1.3	1.7	1.7	.1								4.9	5.4
WNW	.4	.7	1.2	.3								2.6	6.8
NW	.3	.9	.1									1.3	4.7
NNW	1.2	1.0	.4									2.6	4.6
VARBL	3.8											3.8	1.3
CALM												24.5	
	22.7	30.8	17.2	4.5	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 691

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10068 (STATION) SA [illegible]E GERMANY/CHLEBAN AAF (STATION NAME) 61-64,66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.6	3.7									9.2	6.2
NNE		2.8	1.8									4.6	5.8
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									7.3	6.1
S	.9	3.7	5.5	3.7								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	3.7	.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 PROCESSI[illegible] IVISI[illegible]
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10068 STATION — SA L[illegible]BEN GERMANY/CULEMAN AAF STATION NAME — 59-72 YEARS — [illegible]V MONTH

ALL WEATHER CLASS — 0000-0800 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.0	1.7	.1								7.6	4.9
NNE	1.8	2.1	1.7									4.[illegible]	5.6
NE	1.[illegible]	1.5	.6	.1								3.1	4.[illegible]
ENE	1.3	1.7	.3									3.4	4.1
E	1.2	.2	.1									1.[illegible]	3.3
ESE	.9	.4	.1									1.[illegible]	3.8
SE	.6	1.0										1.[illegible]	4.2
SSE	1.1	3.5	1.6	.9								7.[illegible]	6.1
S	1.3	4.8	0.7	3.0	.4							10.3	[illegible].[illegible]
SSW	.4	1.9	2.1	2.5	.2							7.2	9.1
SW	.4	.6	1.3	1.3	.2							3.9	9.4
WSW	.3	.9	2.1	2.6	.4	.1						6.5	10.5
W	.6	.6	1.2	1.3								3.7	8.5
WNW	.3	.4	.6	.3								1.7	7.1
NW	.3	.1										.4	3.5
NNW	.6	1.2	.1									1.9	4.1
VARBL	1.7	.3										2.[illegible]	2.2
CALM												25.9	
	16.2	24.2	20.2	12.2	1.3	.1						100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24008 (STATION) SALZBURG GERMANY/CHIEMSEE AAF (STATION NAME) 59-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.0	1.9	.5								7.1	5.8
NNE	1.9	2.7	1.9	.2								6.8	5.2
NE	1.0	2.3	.6									3.9	4.8
ENE	1.2	1.3	.6									3.2	4.8
E	1.4	1.0	.2	.1								2.8	4.1
ESE	.3	.6	.2									1.1	4.4
SE	.1	1.3	.3									1.7	5.4
SSE	.5	2.5	2.8	.3								6.1	6.8
S	1.5	3.7	9.6	3.2	.2							18.4	8.4
SSW	.4	1.6	2.2	3.0	.6							7.8	10.4
SW	.7	1.2	2.2	1.7	.1							5.9	8.7
WSW	.5	1.5	2.1	2.4								6.5	9.0
W	.5	1.6	1.7	1.5	.2	.1						5.2	8.4
WNW	.1	.2	.6	.2	.1							1.2	8.3
NW	.8	.3	.2	.2								1.5	4.7
NNW	1.3	1.1	.7	.2								3.6	4.9
VARBL	.0	.2										1.2	2.4
CALM												16.2	
	15.2	28.3	27.9	13.4	1.3	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 975

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

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

1

SURFACE WINDS

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

34068 (STATION) SAARBRUECKEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.x	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	1.6	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								3.5	5.4
VARBL	1.9	.3										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 993

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10068	SAARBRUECKEN GERMANY/CULEBRA AAF	59-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.9	2.3	.8								9.1	5.2
NNE	1.5	2.0	1.6	.3								5.5	5.6
NE	.7	1.2	.9									2.7	5.6
ENE	.4	2.0	.7	.3								3.4	5.8
E	1.2	.9	.7	.1								2.9	5.0
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						15.6	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	5.8
NW	1.1	1.3	.2									2.6	4.3
NNW	.4	1.2	.4									2.1	4.7
VARBL	1.3	.5										1.9	2.8
CALM												14.3	
	14.1	28.4	29.3	11.8	1.9	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 919

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

1

SURFACE WINDS

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

10098	SAARBRUECKEN GERMANY/COLEMAN AAF	60-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS L.S.T.

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.2	1.5	.7								7.1	5.4
NNE	2.1	2.2	1.5	.2								6.0	5.5
NE	1.0	2.5	.7									4.3	6.9
ENE	1.5	1.0	1.0									3.5	4.5
E	1.2	.9	.2									2.4	5.6
ESE	1.0	.6	.1									1.8	3.7
SE	1.5	.6	.2									2.4	3.9
SSE	.4	1.5	1.8	.6								4.3	7.1
S	1.2	5.9	6.5	3.2	.1							16.9	7.9
SSW	.9	1.8	3.5	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									.6	4.5
NNW	.1	.0										.7	4.2
VARBL	2.0	.2										2.9	1.8
CALM												16.9	
	18.4	36.8	24.2	12.9	.7	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 680

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24C68 (STATION) SA DHFEN GERMANY/CHIEVRES AAF (STATION NAME) 61 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		14.3	14.3									28.6	6.0
S			28.6									28.6	9.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												42.9	
		14.3	42.9									100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

34268 STATION | SA [illegible] PERRA Y/CHLEMAL AAF STATION NAME | 61-64 YEARS | DEC MONTH

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

ONE PER CENT

SPEED KNTS / DIR	1 - 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	3.5	2.4	1.2								8.4	6.2
NNE	1.2	3.5										4.8	4.8
NE	1.2	4.8		1.2								7.2	5.8
ENE	2.4	1.2	1.2									4.8	3.8
E	1.2	1.2										2.4	3.5
ESE	3.0											3.6	3.3
SE	2.4	1.2										3.6	3.3
SSE		1.2										1.2	5.0
S	1.2	1.2	6.0	6.0								14.5	9.3
SSW			2.4	1.2								3.6	9.3
SW			1.2	1.2	2.4							4.8	14.5
WSW		1.2	6.0	1.2								8.4	9.2
W	1.2	1.2										2.4	3.0
WNW													
NW													
NNW	1.2	2.4										3.6	4.0
VARBL													
CALM												26.5	
	16.7	22.9	19.3	12.0	2.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 83

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

36068 STATION — SAARBRUECKEN GERMANY/COLEMAN AAF STATION NAME — 59-70 YEARS — DEC MONTH

ALL WEATHER CLASS — 0000-0900 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.2	1.9	.4								7.3	5.5
NNE	1.7	1.8	1.4	.7								5.5	5.1
NE	1.5	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										1.5	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	.6	6.6	6.0	3.0	.3	.1						16.8	7.9
SSW		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						5.6	9.8
W	.2	2.3	1.1	.8	.1							4.5	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												21.8	
	13.4	30.3	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

1

SURFACE WINDS

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

36068 (STATION) SAARBRUECKEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.9	1.5	.6								7.9	5.7
NNE	1.5	2.1	1.6	.3								5.5	5.6
NE	1.1	2.8	1.6	.6								6.1	6.1
ENE	1.4	1.5	.7									3.6	4.5
E	.8	1.8										2.6	4.0
ESE	.5	1.0	.4									1.9	4.7
SE	.7	1.4	.3									2.4	4.5
SSE	.9	3.6	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	3.2	1.9	.5							7.3	9.6
SW	.1	.9	2.1	1.6	.7	.1						5.5	10.9
WSW	.5	1.0	2.3	1.4	.5	.3						6.0	10.1
W	.3	1.1	2.8	.5								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

1

SURFACE WINDS

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

34068	SAARBRUCKEN GERMANY/COLEMAN AAF	59-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	5.1	2.1	.3								9.4	5.6
NNE	.8	3.2	1.7	.3								6.1	6.1
NE	.5	2.7	1.6	.5								5.4	6.6
ENE	.9	1.8	.9	.5								3.9	6.5
E	1.4	1.3	.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								5.4	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	.3	.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	5.7
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

SURFACE WINDS

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

34068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1300-1700 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.3	1.7	.2	.1							8.7	5.3
NNE	.7	2.5	1.7	.3								5.2	6.3
NE	.6	2.2	1.5	.2								4.5	6.0
ENE	.8	2.1	1.2	.2								4.3	5.6
E	1.8	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	2.3	.9	.1								4.2	5.5
S	.6	3.1	6.4	2.4	.3							12.8	8.3
SSW	.4	2.0	3.0	2.0	.8							8.2	9.5
SW	.1	1.3	1.9	2.3	.2							6.1	9.7
WSW	.2	1.8	3.3	1.9	.6							8.0	9.5
W	.9	1.8	2.7	1.5								6.9	8.0
WNW	.4	.6	.3	.1								1.4	5.3
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												15.0	
	13.8	30.9	26.2	11.9	2.1							100.0	6.0

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)

10068	SANDHOFEN GERMANY/COLEMAN AAF	60-70	DEC
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	1.4									5.3	5.3
NNE	1.0	1.9	1.3									4.2	5.5
NE	1.4	1.9	1.3									4.6	5.3
ENE	1.9	3.5	.1	.1								5.6	4.5
E	2.2	1.0										3.2	2.8
ESE	.6	1.6										2.2	3.9
SE	.7	.7										1.4	3.4
SSE	.9	2.2	1.2									4.2	5.3
S	1.6	3.6	7.5	1.7	.4	.4						15.3	8.2
SSW	.6	2.8	3.2	1.6	.3	.1						8.2	8.6
SW	.3	2.0	2.5	1.2	.3							6.2	8.3
WSW	.9	1.6	2.6	1.4	.4	.1	.1					7.2	9.2
W	1.2	1.9	2.2	1.4	.1	.1						6.9	7.7
WNW	.3	.4	.3		.1							1.2	6.5
NW	.1	.6	.1									.9	5.0
NNW	.6	2.0	1.2	.1								3.9	5.9
VARBL	1.9	.3										2.2	1.9
CALM												17.2	
	17.8	30.1	26.9	7.7	1.7	.9	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 692

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

24068	SANDHOFEN GERMANY/COLEMAN AAP	60	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		4.8										4.8	5.0
NNE		4.8										4.8	5.0
NE													
ENE													
E		14.3										14.3	4.7
ESE													
SE													
SSE	4.8											4.8	3.0
S		23.8	9.5									33.3	6.9
SSW		9.5										9.5	5.0
SW													
WSW													
W													
WNW		4.8										4.8	6.0
NW													
NNW													
VARBL													
CALM												23.8	
	4.8	61.9	9.5									100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 21

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

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

10068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-79 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	4.8	2.6	.5	.0							10.8	5.5
NNE	1.6	2.2	1.2	.1		.0						5.1	5.1
NE	1.3	1.9	.6	.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	5.5	1.4	.2							16.1	6.7
SSW	.7	1.9	1.9	.8	.1							5.0	6.9
SW	.9	1.0	.6	.2	.0	.0						2.4	6.2
WSW	.6	1.0	.5	.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	.8	.8	.2	.1								1.8	4.6
NNW	1.2	1.8	.6	.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

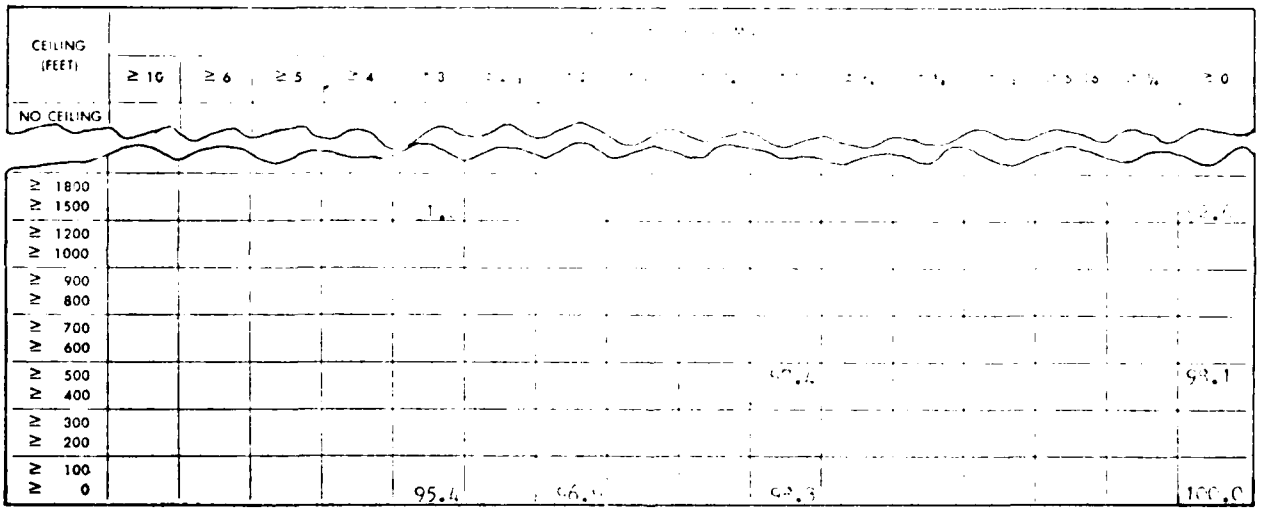
Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently 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.

D

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 $\geq$ 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 FIELD TABULATION



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

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

DATA PROCESSI[illegible]I'ASIS
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34065 SAN [illegible]JRES GERMA Y/COLE A AAF 59-7 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

17.2	21.1	23.5	26.[illegible]	26.9	28.5	29.6	29.9	3[illegible].7	31.3	31.4	31.7	31.9	32.[illegible]	32.4
24.1	28.4	31.3	32.4	34.4	35.7	36.1	37.1	37.6	38.[illegible]	38.2	38.6	38.6	39.1
24.2	28.5	31.4	32.4	34.5	35.7	36.1	37.1	37.8	38.[illegible]	38.3	38.6	38.7	39.2
24.2	28.5	31.4	32.5	34.5	35.[illegible]	36.2	37.2	37.9	38.1	38.4	38.7	38.7	39.2
24.3	28.7	31.6	32.7	34.7	36.[illegible]	36.4	37.4	38.1	38.3	38.6	38.9	38.9	39.[illegible]
24.6	29.2	32.2	33.3	35.3	36.6	37.0	38.[illegible]	38.5	39.[illegible]	39.2	39.5	39.6	40.[illegible]
26.[illegible]	31.[illegible]	33.7	34.9	37.[illegible]	38.4	38.8	39.[illegible]	40.6	40.[illegible]	41.1	41.4	41.4	42.[illegible]
27.1	31.9	35.2	36.4	38.6	40.[illegible]	40.4	41.5	42.3	42.6	42.6	43.2	43.2	43.[illegible]
31.[illegible]	35.3	38.9	40.2	42.6	44.2	44.6	45.9	46.7	46.9	47.2	47.4	47.6	48.[illegible]
32.7	38.5	42.4	43.9	46.5	48.1	48.6	49.9	50.8	51.1	51.4	51.[illegible]	51.[illegible]	52.4
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
36.1	44.[illegible]	49.4	51.[illegible]	54.1	56.[illegible]	56.6	58.1	59.[illegible]	59.3	59.7	60.1	60.1	60.7
4[illegible].5	47.7	52.6	54.3	57.5	59.5	60.1	61.7	62.7	63.[illegible]	63.4	63.8	63.8	64.4
43.3	51.1	56.4	58.2	61.6	63.7	64.4	66.[illegible]	67.1	67.4	67.8	68.2	68.3	68.9
46.4	54.9	60.[illegible]	62.5	66.1	68.3	69.0	7[illegible].3	71.9	72.2	72.6	73.1	73.1	73.7
49.7	59.1	65.[illegible]	67.4	71.3	73.7	74.5	75.4	77.0	77.[illegible]	78.4	78.[illegible]	78.9	79.[illegible]
52.4	63.[illegible]	70.[illegible]	72.3	76.5	79.2	80.0	82.1	83.5	83.9	84.4	84.[illegible]	84.9	85.[illegible]
53.[illegible]	64.9	72.3	74.8	79.4	82.3	83.2	85.5	87.[illegible]	87.[illegible]	88.0	88.[illegible]	88.5	89.1
54.1	65.4	72.9	75.5	80.2	83.2	84.1	86.[illegible]	88.[illegible]	88.5	88.9	89.4	89.5	90.1
54.[illegible]	66.1	74.[illegible]	76.6	81.6	84.[illegible]	85.8	87.[illegible]	89.9	90.[illegible]	91.0	91.[illegible]	91.6	92.2
54.6	66.7	74.[illegible]	77.5	82.7	86.1	87.1	89.[illegible]	91.5	92.1	92.7	93.2	93.3	93.9
55.[illegible]	66.9	75.1	77.9	83.[illegible]	86.7	87.8	90.[illegible]	92.[illegible]	93.1	93.7	94.[illegible]	94.4	95.[illegible]
55.[illegible]	67.[illegible]	75.2	78.1	83.4	86.9	88.1	90.9	92.8	93.4	94.1	94.7	94.7	95.4
55.[illegible]	67.[illegible]	75.[illegible]	78.[illegible]	83.6	87.3	88.4	91.4	93.[illegible]	94.[illegible]	94.6	95.[illegible]	95.[illegible]	96.[illegible]
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
55.1	67.1	75.4	78.4	83.[illegible]	87.5	88.7	91.[illegible]	93.9	94.[illegible]	95.[illegible]	96.1	96.1	96.[illegible]
55.1	67.1	75.4	78.4	83.9	87.6	88.9	92.[illegible]	94.3	95.1	95.8	96.6	96.7	97.4
55.1	67.1	75.4	78.4	83.9	87.7	88.9	92.1	94.4	95.[illegible]	96.1	97.[illegible]	97.[illegible]	97.[illegible]
55.1	67.1	75.4	78.4	83.9	87.7	88.9	92.2	94.3	95.4	96.3	97.3	97.4	98.4
55.1	67.1	75.5	78.4	83.9	87.7	88.9	92.2	94.5	95.4	96.4	97.[illegible]	97.7	98.[illegible]
55.1	67.1	75.5	78.4	83.9	87.7	88.9	92.2	94.6	95.5	96.4	97.[illegible]	97.7	99.4
55.1	67.1	75.5	78.4	83.9	87.7	88.9	92.2	94.6	95.5	96.4	97.6	97.[illegible]1	[illegible]

TOTAL NUMBER OF OBSERVATIONS 9391.7

USAFETAC [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34069 SAN DIEGO/MONTGOMERY/OCEANSIDE, CA MAP 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
0	5.1	7.7	12.1	14.9	16.1	18.2	19.4	20.0	20.5	21.1	21.2	21.4	21.7	21.7	21.8			
1	5.9	8.7	13.3	16.7	18.1	20.7	22.4	22.9	23.6	24.4	24.7	24.9	25.3	25.3	25.5			
2	6.0	8.8	13.4	16.8	18.1	20.7	22.5	23.0	23.7	24.5	24.8	25.0	25.4	25.4	25.6			
3	6.0	8.8	13.5	16.9	18.1	20.8	22.5	23.0	23.8	24.6	24.8	25.0	25.4	25.4	25.6			
4	6.0	8.8	13.5	16.9	18.2	20.9	22.7	23.1	23.9	24.7	24.9	25.2	25.5	25.5	25.8			
5	6.1	9.1	13.8	17.3	18.5	21.3	23.2	23.7	24.5	25.3	25.5	25.8	26.1	26.2	26.4			
6	6.3	9.4	14.5	18.1	19.5	22.4	24.3	24.8	25.7	26.6	26.9	27.1	27.4	27.5	27.7			
7	6.6	9.8	15.3	18.9	20.4	23.3	25.3	25.9	26.8	27.9	28.1	28.4	28.7	28.7	29.0			
8	7.3	10.8	16.9	20.7	22.2	25.5	27.8	28.4	29.5	30.6	31.0	31.2	31.6	31.6	31.9			
9	8.3	12.1	18.6	22.9	24.5	28.1	30.5	31.1	32.3	33.5	33.8	34.1	34.4	34.5	34.7			
10	9.1	13.5	20.6	25.1	26.9	30.6	33.1	33.8	35.1	36.3	36.6	36.9	37.2	37.3	37.5			
11	10.4	15.5	23.2	28.2	30.1	34.1	37.1	37.8	39.1	40.3	40.7	41.2	41.6	41.7	41.9			
12	11.5	16.7	25.1	30.4	32.4	36.7	39.7	40.4	42.0	43.2	43.6	44.2	44.6	44.6	44.9			
13	12.4	18.2	27.4	33.1	35.3	40.1	43.5	44.2	45.9	47.3	47.8	48.4	48.8	48.9	49.1			
14	13.7	20.0	30.2	36.2	38.7	43.7	47.3	48.1	49.8	51.3	51.8	52.5	52.9	53.0	53.2			
15	15.1	22.3	33.8	40.9	43.8	49.5	53.4	54.2	56.4	58.1	58.7	59.5	60.0	60.0	60.3			
16	17.1	25.2	38.9	47.0	50.5	56.9	61.5	62.5	65.1	67.3	67.9	68.8	69.3	69.4	69.6			
17	17.7	26.4	40.8	49.7	53.7	60.6	65.5	67.0	70.3	72.8	73.9	74.8	75.4	75.5	75.7			
18	17.8	26.6	41.1	50.3	54.5	61.7	66.8	68.4	71.8	74.4	75.4	76.4	77.0	77.1	77.4			
19	18.1	27.1	41.9	51.4	55.7	63.3	68.9	70.6	74.3	77.3	78.5	79.5	80.2	80.3	80.5			
20	18.4	27.5	42.4	52.7	57.1	65.2	71.1	73.0	77.2	80.6	81.8	82.8	83.6	83.6	84.0			
21	18.6	27.7	42.7	53.2	57.7	66.0	72.3	74.2	79.0	82.8	84.1	85.2	86.1	86.1	86.5			
22	18.6	27.9	43.0	53.5	58.1	66.5	72.9	74.9	79.7	83.5	84.9	86.0	86.9	86.9	87.4			
23	18.6	27.9	43.0	53.6	58.4	66.9	73.5	75.7	80.7	85.1	86.4	87.6	88.6	88.7	89.1			
24	18.6	27.9	43.1	53.7	58.6	67.3	74.2	76.4	81.8	86.1	87.4	88.8	89.8	89.8	90.3			
25	18.6	28.0	43.2	53.8	58.8	67.6	74.6	76.9	82.5	87.2	88.6	90.0	91.3	91.3	91.9			
26	18.6	28.0	43.2	53.8	58.9	67.8	74.7	77.1	83.1	88.3	89.9	91.8	93.3	93.3	93.9			
27	18.6	28.0	43.2	53.8	58.8	67.8	74.8	77.2	83.2	88.6	90.5	92.6	94.3	94.3	95.0			
28	18.6	28.0	43.2	53.8	58.8	67.8	74.8	77.2	83.4	88.8	90.8	93.2	95.3	95.4	96.3			
29	18.6	28.0	43.2	53.8	58.8	67.8	74.8	77.2	83.4	88.9	91.0	93.6	96.3	96.4	97.5			
30	18.6	28.0	43.2	53.8	58.8	67.8	74.8	77.2	83.4	88.9	91.0	93.7	96.4	96.8	99.1			
31	18.6	28.0	43.2	53.8	58.8	67.8	74.8	77.2	83.4	89.0	91.1	93.7	96.6	96.9	100.0			

TOTAL NUMBER OF OBSERVATIONS 4275

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SHEMYA/EARECKSON AAF 69-75 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
0	13.1	15.4	19.2	21.2	21.9	23.0	24.9	25.3	26.5	27.6	27.8	27.9	28.2	28.4	28.4	28.4	28.4	28.4
1	15.2	18.1	22.6	25.3	26.1	28.3	29.8	30.4	32.0	33.2	33.4	33.6	33.7	33.7	34.1	34.1	34.1	34.1
2	15.3	18.2	22.7	25.4	26.2	28.4	29.9	30.6	32.1	33.4	33.6	33.7	33.9	33.9	34.3	34.3	34.3	34.3
3	15.4	18.3	22.8	25.6	26.4	28.6	30.1	30.8	32.3	33.6	33.8	33.9	34.1	34.1	34.5	34.5	34.5	34.5
4	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	34.7	34.7	34.7	34.7
5	15.5	18.5	23.0	25.9	26.9	29.1	30.7	31.3	32.9	34.2	34.4	34.6	34.7	34.7	35.1	35.1	35.1	35.1
6	15.9	19.2	23.9	27.3	28.3	30.3	31.9	32.5	34.2	35.5	35.7	35.9	36.0	36.0	36.4	36.4	36.4	36.4
7	16.6	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	37.5	37.5	37.5	37.5
8	18.1	21.4	26.6	29.8	30.9	33.5	35.3	36.1	37.8	39.2	39.4	39.6	39.8	39.8	40.1	40.1	40.1	40.1
9	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	43.5	43.5	43.5	43.5
10	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	46.2	46.2	46.2	46.2
12	23.3	27.3	33.6	37.5	38.9	42.1	44.6	45.6	47.7	49.4	49.7	50.0	50.3	50.3	50.7	50.7	50.7	50.7
14	24.2	28.5	35.4	39.6	41.2	44.6	47.2	48.3	51.6	52.4	52.8	53.1	53.4	53.4	53.9	53.9	53.9	53.9
16	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	58.4	58.4	58.4	58.4
18	27.0	32.5	40.8	46.1	47.9	52.3	55.2	56.6	59.4	61.5	62.0	62.3	62.8	62.8	63.3	63.3	63.3	63.3
20	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	70.7	70.7	70.7	70.7
22	32.1	39.1	50.4	57.5	59.7	64.8	68.6	70.1	73.6	76.1	76.9	77.4	78.0	78.0	78.5	78.5	78.5	78.5
24	33.8	41.2	53.3	61.1	63.4	69.1	73.3	75.0	78.8	81.7	82.5	83.2	83.8	83.8	84.3	84.3	84.3	84.3
26	34.0	41.5	54.1	62.2	64.6	70.5	74.9	76.5	80.5	83.4	84.2	84.9	85.5	85.5	86.0	86.0	86.0	86.0
28	34.5	42.1	55.3	63.9	66.4	72.8	77.4	79.3	83.7	86.7	87.6	88.4	89.0	89.0	89.5	89.5	89.5	89.5
30	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	92.2	92.2	92.2	92.2
32	34.8	42.5	56.1	65.1	67.6	74.5	79.5	81.6	86.5	90.3	91.2	92.3	93.1	93.1	93.7	93.7	93.7	93.7
34	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	94.2	94.2	94.2	94.2
36	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	95.2	95.2	95.2	95.2
40	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	95.6	95.6	95.6	95.6
44	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	96.1	96.1	96.1	96.1
48	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	96.7	96.7	96.7	96.7
52	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	96.9	96.9	96.9	96.9
56	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	96.5	97.7	97.7	97.7	97.7
60	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	96.6	98.3	98.3	98.3	98.3
70	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	96.8	99.1	99.1	99.1	99.1
80	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	96.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3912

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

34 58 SAN ANGELO OFFUTT/CLEMENS AAF 67-71 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
200	14.4	17.6	21.2	24.0	24.7	26.6	28.5	28.9	30.2	31.3	31.6	31.8	32.0	32.1	32.4			
150	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	38.8			
100	17.1	21.1	25.4	28.9	29.8	32.3	34.1	34.6	36.3	37.6	38.0	38.2	38.5	38.5	38.9			
80	17.1	21.1	25.4	28.9	29.8	32.3	34.1	34.6	36.4	37.7	38.0	38.2	38.5	38.5	38.9			
70	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			
60	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			
50	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			
40	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			
30	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			
25	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			
20	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			
15	25.3	30.9	37.5	42.8	44.1	47.3	49.9	50.6	52.8	54.4	54.8	55.2	55.6	55.6	56.0			
12	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			
10	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			
9	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			
8	36.2	45.2	55.9	63.9	65.7	69.7	73.0	74.1	76.9	78.7	79.2	79.6	80.0	80.0	80.4			
7	39.0	49.1	61.0	70.3	72.2	76.5	80.1	81.3	84.3	86.3	86.8	87.1	87.6	87.6	88.0			
6	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			
5	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			
4	40.9	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			
3	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			
2 1/2	41.2	52.5	66.1	76.4	78.7	84.3	89.0	90.4	94.0	96.3	96.9	97.3	97.8	97.8	98.2			
2	41.2	52.5	66.1	76.4	78.8	84.4	89.1	90.6	94.1	96.4	97.0	97.5	98.0	98.0	98.4			
1 3/4	41.2	52.5	66.1	76.4	78.8	84.5	89.1	90.6	94.2	96.6	97.2	97.7	98.3	98.3	98.7			
1 1/2	41.2	52.5	66.1	76.5	78.9	84.5	89.2	90.7	94.3	96.8	97.5	98.0	98.5	98.6	98.9			
1 1/4	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			
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			
0	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/MAC

CEILING VERSUS VISIBILITY

34008 SAARBRUECKEN GERMANY/COLEMAN AAF 60-70 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20.3	23.2	26.1	27.7	28.5	29.5	30.1	30.3	30.7	30.7	30.9	30.9	30.9	30.9	31.1
	25.6	29.1	33.0	34.9	35.9	37.2	38.0	38.2	38.6	38.7	38.9	38.9	38.9	38.9	39.2
	25.6	29.2	33.0	35.0	36.0	37.3	38.0	38.2	38.6	38.8	38.8	38.9	39.0	39.0	39.2
	25.7	29.3	33.1	35.1	36.1	37.4	38.1	38.3	38.8	38.9	39.0	39.0	39.1	39.1	39.3
	25.8	29.4	33.3	35.3	36.3	37.6	38.4	38.6	39.0	39.1	39.2	39.3	39.3	39.3	39.6
	26.2	29.9	33.9	36.0	37.0	38.3	39.0	39.2	39.6	39.8	39.8	39.9	40.0	40.0	40.2
	27.2	31.1	35.3	37.5	38.5	39.9	40.7	40.9	41.3	41.5	41.6	41.7	41.7	41.7	42.0
	27.9	32.1	36.4	38.6	39.6	41.1	41.9	42.1	42.7	42.9	43.0	43.0	43.1	43.1	43.4
	30.7	35.2	40.0	42.5	43.5	45.2	46.1	46.3	46.9	47.1	47.2	47.3	47.4	47.4	47.7
	33.8	38.8	44.0	46.9	48.1	49.9	50.9	51.0	51.6	51.9	52.0	52.1	52.1	52.1	52.4
5000	35.5	40.7	46.5	49.7	51.0	52.8	54.0	54.3	54.9	55.2	55.3	55.4	55.4	55.4	55.7
4500	38.2	44.0	50.4	53.9	55.4	57.4	58.5	58.8	59.5	59.7	59.8	59.9	60.0	60.0	60.3
4000	40.4	47.0	54.2	58.1	59.6	61.8	62.9	63.2	64.0	64.2	64.4	64.5	64.6	64.6	64.8
3500	43.2	50.3	58.2	62.5	64.2	66.7	67.9	68.2	69.1	69.3	69.5	69.6	69.7	69.7	70.0
3000	47.3	54.9	63.8	68.6	70.4	73.0	74.2	74.5	75.5	75.8	75.9	76.0	76.1	76.2	76.4
2500	50.7	59.0	68.8	74.2	76.1	79.0	80.4	80.8	81.8	82.1	82.2	82.3	82.4	82.5	82.7
2000	54.3	63.7	74.9	81.5	83.6	86.8	88.4	88.8	90.0	90.3	90.5	90.7	90.8	90.8	91.1
1800	55.5	65.4	77.2	84.5	86.7	90.1	92.0	92.5	93.9	94.3	94.5	94.7	94.8	94.8	95.1
1600	55.7	65.6	77.6	85.0	87.5	90.9	92.9	93.4	94.9	95.4	95.6	95.7	95.8	95.8	96.1
1400	56.1	66.1	78.6	86.3	88.8	92.4	94.5	95.1	96.8	97.3	97.5	97.6	97.8	97.8	98.1
1200	56.1	66.3	78.8	86.8	89.4	93.0	95.2	95.7	97.5	98.0	98.2	98.3	98.5	98.5	98.8
1100	56.1	66.3	79.0	86.9	89.5	93.2	95.3	95.9	97.7	98.2	98.4	98.6	98.7	98.7	99.0
1000	56.1	66.3	79.0	87.0	89.6	93.3	95.4	96.0	97.8	98.3	98.5	98.7	98.8	98.8	99.1
900	56.1	66.4	79.0	87.1	89.8	93.4	95.6	96.2	98.0	98.5	98.7	98.9	99.0	99.1	99.4
800	56.1	66.4	79.0	87.1	89.8	93.5	95.7	96.3	98.1	98.7	98.9	99.1	99.2	99.2	99.6
700	56.1	66.4	79.0	87.1	89.8	93.5	95.7	96.3	98.2	98.8	99.0	99.1	99.3	99.3	99.6
600	56.1	66.4	79.0	87.1	89.8	93.5	95.7	96.4	98.2	98.8	99.0	99.2	99.4	99.4	99.8
500	56.1	66.4	79.0	87.1	89.8	93.6	95.8	96.4	98.3	98.9	99.1	99.2	99.4	99.4	99.8
400	56.1	66.4	79.0	87.1	89.8	93.6	95.8	96.4	98.3	98.9	99.1	99.2	99.4	99.4	99.8
300	56.1	66.4	79.0	87.1	89.8	93.6	95.8	96.4	98.3	98.9	99.1	99.2	99.4	99.4	100.0
200	56.1	66.4	79.0	87.1	89.8	93.6	95.8	96.4	98.3	98.9	99.1	99.2	99.4	99.4	100.0
100	56.1	66.4	79.0	87.1	89.8	93.6	95.8	96.4	98.3	98.9	99.1	99.2	99.4	99.4	100.0
0	56.1	66.4	79.0	87.1	89.8	93.6	95.8	96.4	98.3	98.9	99.1	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 4495

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDBOSTEL GERMANY/COLEMAN AAF 60-70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	≥ 0	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 20000	64.4	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			
≥ 15000	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			
≥ 10000	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			
≥ 9000	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			
≥ 8000	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	44.2			
≥ 7000	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			
≥ 6000	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			
≥ 5000	34.6	39.3	43.8	45.9	46.8	47.9	48.5	48.7	49.3	49.4	49.5	49.5	49.6	49.6	49.7			
≥ 4500	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			
≥ 4000	42.2	48.3	53.6	56.0	57.1	58.5	59.3	59.4	60.1	60.3	60.3	60.5	60.6	60.6	60.6			
≥ 3500	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			
≥ 3000	47.6	54.3	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			
≥ 2500	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			
≥ 2000	54.6	62.2	69.5	73.0	74.4	76.5	77.4	77.7	78.6	78.8	78.9	79.0	79.2	79.2	79.2			
≥ 1800	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			
≥ 1600	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			
≥ 1400	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			
≥ 1200	64.1	73.8	83.5	88.9	90.6	93.2	94.3	94.7	96.0	96.4	96.5	96.7	96.9	96.9	96.9			
≥ 1000	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			
≥ 900	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	98.4			
≥ 800	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	98.9			
≥ 700	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			
≥ 600	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	99.3			
≥ 500	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	99.4			
≥ 400	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			
≥ 300	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	99.6			
≥ 200	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	99.7			
≥ 100	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.7	99.1	99.3	99.5	99.7	99.7	99.8			
0	64.7	74.8	85.4	90.8	92.7	95.6	96.9	97.2	98.7	99.1	99.3	99.5	99.7	99.7	99.8			
≥ 20000	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			
≥ 15000	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	100.0		
≥ 10000	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	100.0		
≥ 9000	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	100.0		

TOTAL NUMBER OF OBSERVATIONS 6567

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARLOUIS GERMANY/COLEMAN AAF 60-72

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
NO CEILING		27.7	30.3	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	40.0
≥ 22000		34.2	37.3	41.8	44.3	45.6	47.0	47.9	48.0	48.4	48.9	49.0	49.1	49.1	49.1	49.1	49.2
≥ 18000		34.3	37.4	41.8	44.3	45.7	47.1	47.9	48.1	48.5	49.0	49.1	49.1	49.2	49.2	49.2	49.3
≥ 17000		34.3	37.4	41.8	44.4	45.7	47.1	48.0	48.1	48.5	49.0	49.1	49.1	49.2	49.2	49.2	49.3
≥ 14000		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	49.5
≥ 12000		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	50.2
≥ 10000		36.1	39.5	44.2	46.9	48.2	49.7	50.7	50.8	51.3	51.8	51.9	51.9	52.0	52.0	52.0	52.1
≥ 9000		37.3	40.8	45.8	48.6	49.9	51.5	52.5	52.6	53.1	53.6	53.7	53.8	53.8	53.8	53.8	53.9
≥ 8000		41.6	45.5	51.0	53.9	55.5	57.3	58.4	58.5	59.1	59.7	59	59.8	59.9	59.9	59.9	59.9
≥ 7000		44.9	49.0	55.0	58.1	59.9	61.8	62.9	63.1	63.6	64.2	64.4	64.4	64.5	64.5	64.5	64.6
≥ 6000		47.2	51.7	58.0	61.6	63.2	65.2	66.4	66.5	67.1	67.7	67.8	67.9	68.0	68.0	68.0	68.1
≥ 5000		52.8	55.9	62.7	66.5	68.3	70.4	71.5	71.7	72.3	72.9	73.1	73.1	73.2	73.2	73.2	73.3
≥ 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	76.5	76.5	76.5	76.6
≥ 4000		56.7	62.3	69.8	74.0	75.9	78.2	79.3	79.5	80.2	80.9	81.1	81.2	81.3	81.3	81.3	81.4
≥ 3500		59.6	65.5	73.4	77.8	79.8	82.1	83.5	83.6	84.4	85.1	85.4	85.4	85.5	85.5	85.5	85.6
≥ 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	90.9	90.9	90.9	91.0
≥ 2500		64.7	71.4	80.8	86.0	88.0	90.8	92.4	92.6	93.6	94.4	94.6	94.7	94.9	94.9	94.9	94.9
≥ 2000		65.7	72.5	82.1	87.5	89.6	92.4	94.0	94.3	95.2	96.2	96.4	96.5	96.6	96.6	96.6	96.7
≥ 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	96.9	96.9	96.9	97.0
≥ 1500		66.1	73.0	82.8	88.5	90.8	93.7	95.3	95.6	96.6	97.7	98.0	98.1	98.2	98.2	98.2	98.3
≥ 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	98.8	98.8	98.8	98.9
≥ 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	99.1	99.1	99.1	99.2
≥ 900		66.4	73.3	83.4	89.1	91.5	94.6	96.3	96.6	97.6	98.7	99.0	99.1	99.3	99.3	99.3	99.4
≥ 800		66.4	73.4	83.4	89.2	91.7	94.8	96.6	96.9	97.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7
≥ 700		66.4	73.4	83.4	89.2	91.7	94.8	96.6	96.9	97.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7
≥ 600		66.4	73.4	83.4	89.2	91.7	94.8	96.6	96.9	97.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7
≥ 500		66.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.1	99.4	99.5	99.7	99.7	99.7	99.8
≥ 400		66.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.1	99.4	99.6	99.7	99.7	99.7	99.8
≥ 300		66.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.8	99.8	99.8	99.9
≥ 200		66.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.8	99.8	99.8	99.9
≥ 100		66.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.8	99.8	100.0	
≥ 0		66.4	73.4	83.4	89.3	91.7	94.9	96.6	97.0	98.0	99.2	99.5	99.6	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 4316

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA D-LFE[illegible] GERMANY/COLEMAN AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	29.2	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
≥ 20000	30.4	34.7	38.9	41.2	42.1	43.7	44.5	44.8	45.3	45.7	45.8	46.0	46.1	46.1	46.2
≥ 15000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	46.7	52.7	58.9	62.7	64.1	66.5	67.7	68.1	69.0	69.3	69.5	69.7	69.8	69.8	70.0
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	66.0	74.6	83.0	88.7	90.8	93.8	95.3	95.8	97.0	97.4	97.6	97.8	97.9	97.9	98.1
≥ 1200	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
≥ 1000	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
≥ 900	66.4	75.2	84.0	89.8	92.0	95.2	96.7	97.2	98.5	98.9	99.1	99.3	99.5	99.5	99.7
≥ 800	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.5	99.6	99.6	99.8
≥ 700	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.5	99.6	99.6	99.8
≥ 600	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.5	99.6	99.6	99.8
≥ 500	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.5	99.6	99.6	99.8
≥ 400	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.3	98.6	99.1	99.2	99.5	99.7	99.7	99.9
≥ 300	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.4	98.6	99.1	99.3	99.5	99.7	99.7	99.9
≥ 200	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.4	98.6	99.2	99.3	99.5	99.8	99.8	100.0
≥ 100	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.4	98.6	99.2	99.3	99.5	99.8	99.8	100.0
≥ 0	66.4	75.2	84.0	89.8	92.0	95.3	96.8	97.4	98.6	99.2	99.3	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6601

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DOFEN GERMANY/COLEMAN AAF 59-70 ANN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES ≥0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
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
≥ 15000	29.6	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
≥ 8000	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
≥ 6000	29.8	33.5	38.6	42.0	43.2	45.2	46.3	46.7	47.3	47.5	47.6	47.8	47.9	47.9	48.0
≥ 4500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	43.1	48.2	54.7	59.3	60.8	63.3	65.1	65.6	66.6	66.9	67.0	67.3	67.4	67.4	67.6
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	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
	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
	62.7	70.7	80.4	87.3	89.6	93.2	95.7	96.4	98.0	98.7	98.9	99.1	99.3	99.3	99.5
	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.7	98.9	99.2	99.4	99.4	99.6
	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
	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	99.6	99.8
	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.6	99.6	99.8
	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.6	99.6	99.9
	62.7	70.7	80.4	87.3	89.6	93.3	95.8	96.4	98.1	98.8	99.0	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4926

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3406P SAN DIEGO GERMANY/CLELAND AAF 59-72 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	24.6	28.7	32.7	36.1	37.4	39.6	41.4	41.8	43.4	44.1	44.4	44.8	45.3	45.4	46.9
	28.1	32.7	37.5	41.5	43.2	45.6	47.7	48.1	49.8	50.6	50.9	51.4	52.1	52.2	53.9
≥ 5000	28.1	32.8	37.6	41.5	43.1	45.8	47.8	48.2	49.9	50.7	51.0	51.5	52.1	52.2	53.9
≥ 4500	28.2	32.8	37.7	41.6	43.2	45.9	47.8	48.2	50.0	50.8	51.1	51.6	52.2	52.3	54.0
≥ 4000	28.3	33.0	37.8	41.8	43.4	46.1	48.0	48.5	50.2	51.0	51.3	51.8	52.4	52.5	54.2
≥ 3500	28.5	33.3	38.2	42.2	43.8	46.6	48.5	49.0	50.6	51.4	51.8	52.3	53.0	53.1	54.8
≥ 3000	30.2	35.3	40.6	44.7	46.5	49.3	51.4	51.9	53.6	54.4	54.9	55.2	55.9	56.0	57.7
≥ 2500	31.8	37.1	42.7	47.2	49.2	51.8	54.0	54.5	56.4	57.2	57.6	58.1	58.8	58.9	60.6
≥ 2000	34.3	40.1	46.2	51.1	53.0	56.1	58.5	59.0	61.0	61.9	62.3	62.8	63.6	63.7	65.4
≥ 1800	36.5	42.7	49.6	54.9	57.0	60.2	62.9	63.4	65.6	66.5	66.9	67.5	68.3	68.4	70.1
≥ 1500	38.4	44.9	52.3	58.1	60.3	63.8	66.6	67.1	69.3	70.2	70.7	71.3	72.1	72.2	74.0
≥ 1200	40.8	47.6	55.6	61.6	63.9	67.6	70.5	71.1	73.4	74.4	74.8	75.4	76.3	76.4	78.2
≥ 1000	42.9	49.9	58.4	64.6	67.0	70.8	73.8	74.4	76.8	77.7	78.2	78.8	79.6	79.7	81.6
≥ 900	44.6	51.8	60.5	67.0	69.4	73.4	76.5	77.1	79.5	80.4	80.9	81.5	82.3	82.4	84.3
≥ 800	46.9	54.2	63.3	70.0	72.4	76.5	79.6	80.3	82.7	83.6	84.1	84.7	85.5	85.6	87.5
≥ 700	48.1	55.8	65.3	72.5	75.0	79.3	82.5	83.2	85.9	86.8	87.3	87.9	88.8	88.9	90.8
≥ 600	49.0	57.0	67.0	74.5	77.2	81.7	85.1	85.9	88.6	89.7	90.3	90.9	91.8	91.9	93.8
≥ 500	49.3	57.4	67.5	75.2	77.8	82.5	86.0	86.8	89.7	90.8	91.4	92.0	92.9	93.0	94.9
≥ 450	49.4	57.5	67.7	75.4	78.1	82.8	86.3	87.1	90.0	91.1	91.7	92.3	93.3	93.4	95.3
≥ 400	49.5	57.6	67.8	75.6	78.4	83.2	86.9	87.8	90.8	91.9	92.7	93.3	94.2	94.3	96.2
≥ 350	49.5	57.7	68.1	76.1	78.9	83.9	87.7	88.6	91.6	92.8	93.6	94.2	95.1	95.2	97.2
≥ 300	49.5	57.7	68.1	76.2	79.1	84.1	88.1	89.0	92.1	93.3	94.1	94.7	95.7	95.8	97.7
≥ 250	49.5	57.7	68.1	76.2	79.1	84.1	88.1	89.0	92.1	93.4	94.1	94.8	95.7	95.8	97.7
≥ 200	49.5	57.7	68.1	76.2	79.1	84.2	88.1	89.1	92.2	93.5	94.2	94.9	95.8	95.9	97.9
≥ 150	49.5	57.7	68.1	76.2	79.1	84.2	88.2	89.1	92.3	93.6	94.3	95.0	95.9	96.0	98.0
≥ 100	49.5	57.7	68.1	76.2	79.1	84.2	88.2	89.2	92.4	93.7	94.4	95.1	96.1	96.2	98.2
≥ 050	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.5	93.8	94.5	95.2	96.2	96.3	98.3
≥ 000	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.3	96.4	96.5	98.6
	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	96.5	96.6	99.0
	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	96.6	96.7	99.4
	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	96.6	96.7	99.7
	49.5	57.7	68.1	76.2	79.2	84.2	88.3	89.3	92.6	93.9	94.7	95.4	96.6	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4640

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34008 SANDBOSTEL GERMANY/CELLE AAF 59-72 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7/8	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ¼	≥ ⅛	≥ 0	≥ 1¼	≥ 2½	≥ 3½	≥ 4½	≥ 5½	≥ 6½
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
≥ 25000		14.1	17.5	22.3	26.4	28.0	30.7	32.8	33.5	35.4	37.1	37.8	38.5	39.5	39.7	41.1
≥ 18000		14.1	17.5	22.3	26.4	28.1	30.8	32.9	33.5	35.4	37.1	37.8	38.5	39.6	39.7	41.1
≥ 15000		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
≥ 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
≥ 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
≥ 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
≥ 9000		15.6	19.4	25.0	29.0	31.4	34.3	36.5	37.2	39.3	41.1	41.8	42.5	43.6	43.7	45.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4500		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
≥ 4000		25.2	30.7	39.6	46.1	48.5	52.9	55.9	56.7	59.4	61.8	62.6	63.4	64.6	64.7	66.2
≥ 3500		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
≥ 3000		29.1	35.9	46.5	53.6	56.2	61.0	64.3	65.2	68.0	70.6	71.5	72.4	73.5	73.6	75.2
≥ 2500		30.6	37.8	49.7	57.0	60.4	65.5	69.1	70.0	73.1	75.9	76.8	77.7	78.9	79.0	80.5
≥ 2000		31.0	38.7	51.0	59.5	62.9	67.8	71.7	72.7	76.1	79.0	80.0	80.9	82.0	82.1	83.7
≥ 1800		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
≥ 1700		31.3	39.2	51.8	60.5	63.6	69.4	73.7	74.8	78.4	81.3	82.3	83.4	84.5	84.6	86.2
≥ 1600		31.4	39.5	52.2	61.2	64.5	70.3	74.8	76.0	79.8	82.8	83.9	84.9	86.1	86.2	87.8
≥ 1500		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
≥ 1400		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
≥ 1300		31.4	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
≥ 1200		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
≥ 1100		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
≥ 1000		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
≥ 900		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
≥ 800		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
≥ 700		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
≥ 600		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
≥ 0		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 6749

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDHOFEN GERMANY/COLEMAN AAF 49-72 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING		8.3	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	20.1		
≥ 20000		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	25.9		
≥ 18000		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	25.9		
≥ 16000		10.1	12.0	14.5	17.0	17.9	19.8	21.0	21.5	22.8	23.7	23.9	24.3	24.7	24.8	26.0		
≥ 14000		10.1	12.1	14.6	17.2	18.0	20.0	21.2	21.6	23.0	23.9	24.1	24.4	24.9	25.0	26.2		
≥ 12000		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	26.9		
≥ 10000		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		
≥ 9000		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		
≥ 8000		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		
≥ 7000		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		
≥ 6000		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		
≥ 5000		18.4	22.1	26.7	31.5	33.2	36.9	38.5	39.1	41.2	42.6	43.1	43.6	44.4	44.5	45.7		
≥ 4500		20.0	24.2	29.5	34.5	36.3	39.7	41.8	42.5	44.7	46.1	46.6	47.1	47.9	48.0	49.3		
≥ 4000		21.7	26.3	32.3	37.9	39.6	43.3	45.5	46.2	48.5	50.1	50.6	51.1	51.9	52.0	53.3		
≥ 3500		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		
≥ 3000		27.2	33.0	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		
≥ 2500		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		
≥ 2000		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		
≥ 1800		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		
≥ 1500		32.0	39.8	50.8	59.5	63.1	69.8	73.6	74.7	77.8	79.8	80.7	81.3	82.3	82.4	83.7		
≥ 1200		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		
≥ 1000		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		
≥ 900		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		
≥ 800		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		
≥ 700		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		
≥ 600		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		
≥ 500		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		
≥ 400		32.6	40.7	52.2	62.0	66.1	73.9	78.7	80.3	84.5	88.0	89.5	90.8	92.9	93.0	94.9		
≥ 300		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		
≥ 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	94.3	97.8		
≥ 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	94.4	99.2		
≥ 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	94.1	94.4	100.0		

TOTAL NUMBER OF OBSERVATIONS 6534

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34063 SAARLOUIS, GERMANY/COLEMAN AAF 59-73 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	5.4	7.0	11.0	13.1	13.7	15.3	16.2	16.5	16.7	17.4	17.6	17.9	18.2	18.2	18.6
≥ 20000	6.5	9.0	13.2	15.7	16.3	18.3	19.3	19.7	20.1	20.7	20.9	21.2	21.7	21.7	22.2
≥ 18000	6.5	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	22.2
≥ 16000	6.5	9.0	13.3	15.8	16.4	18.4	19.3	19.7	20.2	20.8	20.9	21.3	21.7	21.8	22.2
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	8.9	12.2	17.6	21.7	22.5	25.2	26.6	27.2	27.7	28.4	28.6	29.0	29.6	29.6	30.1
≥ 6000	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	33.2
≥ 5000	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
≥ 4500	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	40.8
≥ 4000	15.6	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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	76.1
≥ 1500	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
≥ 1200	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
≥ 1000	25.8	36.5	51.4	61.9	65.1	73.2	77.9	80.2	83.9	86.3	87.1	88.4	89.3	89.4	90.0
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.8	91.0	92.6	94.0	95.3	95.6	96.4
≥ 300	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.9	91.2	92.8	94.4	96.2	96.2	97.1
≥ 200	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.9	91.2	92.8	94.5	96.3	96.7	98.0
≥ 100	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
≥ 0	25.9	36.9	52.3	63.3	66.6	75.3	80.7	83.4	87.9	91.2	92.8	94.5	96.6	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4545

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36068 SAARLFE GERMANY/COLEMAN AAF 04 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼				
≥ 6000																	
≥ 5000																	
≥ 4500																	
≥ 4000																	
≥ 3500																	
≥ 3000																	
≥ 2500																	
≥ 2000																	
≥ 1800																	
≥ 1500																	
≥ 1200																	
≥ 1000																	
≥ 900																	
≥ 800																	
≥ 700																	
≥ 600							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING SYSTEM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN JOSE, CALIFORNIA/CLOSED [illegible] 62-65

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET) \ VISIBILITY (STATUTE MILES)	≥ 7	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
≥ 22000	5.5	7.9	16.5	16.9	16.9	17.6	18.7	19.7	19.8	19.8	19.8	19.8
≥ 20000	5.6	11.3	17.6	17.8	17.8	18.7	19.8	19.8	20.9	20.9	20.9	20.9
≥ 18000	5.6	11.3	17.6	17.8	17.8	18.7	19.8	19.8	20.9	20.9	20.9	20.9
≥ 16000	5.6	11.3	17.6	17.8	17.8	18.7	19.8	19.8	20.9	20.9	20.9	20.9
≥ 14000	5.6	11.3	17.6	17.8	17.8	18.7	19.8	19.8	20.9	20.9	20.9	20.9
≥ 12000	7.7	13.2	19.8	19.8	19.8	20.9	22.0	22.0	23.1	23.1	23.1	23.1
≥ 11000	7.7	13.2	19.8	19.8	19.8	20.9	22.0	22.0	23.1	23.1	23.1	23.1
≥ 10000	7.7	13.2	20.9	20.9	20.9	22.0	23.1	23.1	25.3	25.3	25.3	25.3
≥ 9000	7.7	14.3	22.0	22.0	22.0	23.1	24.2	24.2	26.4	26.4	26.4	26.4
≥ 8000	8.8	15.4	23.1	23.1	23.1	24.2	25.3	25.3	27.5	27.5	27.5	27.5
≥ 7000	11.0	17.6	26.4	26.4	26.4	27.5	28.6	28.6	30.8	30.8	30.8	30.8
≥ 6000	13.2	19.8	30.8	30.8	30.8	31.9	34.1	34.1	36.3	36.3	36.3	37.4
≥ 5000	14.3	24.9	36.3	36.3	36.3	37.4	40.7	40.7	42.9	42.9	42.9	44.0
≥ 4500	14.3	26.9	37.4	38.5	38.5	39.6	42.9	42.9	45.1	45.1	45.1	46.2
≥ 4000	14.3	26.9	39.6	40.7	40.7	41.8	45.1	45.1	48.4	48.4	48.4	49.5
≥ 3500	16.5	23.1	46.2	48.4	48.4	49.5	52.7	52.7	56.0	56.0	56.0	57.1
≥ 3000	19.8	27.5	52.7	57.1	57.1	60.4	63.7	63.7	67.0	67.0	67.0	68.1
≥ 2500	19.8	27.5	52.7	57.1	57.1	61.5	64.8	64.8	68.1	68.1	68.1	69.2
≥ 2000	19.8	27.5	52.7	57.1	57.1	62.6	67.0	67.0	70.3	70.3	70.3	71.4
≥ 1800	19.8	27.5	52.7	57.1	57.1	63.7	68.1	68.1	71.4	71.4	71.4	72.5
≥ 1500	19.8	27.5	52.7	59.3	59.3	64.8	72.5	72.5	75.8	75.8	75.8	76.9
≥ 1200	19.8	27.5	52.7	59.3	59.3	64.8	72.5	72.5	75.8	75.8	76.9	76.9
≥ 1000	19.8	27.5	52.7	60.4	60.4	69.2	73.6	74.7	79.1	80.2	80.2	81.3
≥ 900	19.8	27.5	52.7	60.4	60.4	69.2	73.6	75.8	80.2	81.3	81.3	82.4
≥ 800	19.8	27.5	52.7	60.4	61.5	71.4	75.8	78.0	84.6	86.8	86.8	87.9
≥ 700	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	86.8	91.2	91.2	92.3
≥ 600	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	86.8	92.3	92.3	93.4
≥ 500	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	87.9	93.4	93.4	95.6
≥ 400	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	87.9	93.4	93.4	95.6
≥ 300	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	87.9	93.4	93.4	95.6
≥ 200	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	87.9	93.4	93.4	95.6
≥ 100	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	87.9	93.4	93.4	95.6
≥ 0	19.8	27.5	52.7	60.4	61.5	72.5	76.9	79.1	87.9	93.4	93.4	95.6

TOTAL NUMBER OF OBSERVATIONS 91

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO/GEORGE AFB, CALIFORNIA 60-70 LAT.

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
0	1.8	4.5	7.4	9.	11.5	13.9	15.5	16.4	17.1	18.3	18.7	19.9	19.0	19.	19.4			
200	2.6	4.7	8.1	11.4	12.9	15.3	17.1	19.0	20.1	21.4	22.1	22.4	22.5	22.5	23.0			
300	2.1	4.8	8.2	11.3	13.	15.4	17.2	19.1	20.2	21.6	22.2	22.5	22.6	22.6	23.1			
400	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	22.6	23.1			
500	2.1	4.9	8.3	11.4	13.1	15.5	17.4	19.4	20.5	21.5	22.4	22.8	22.9	22.9	23.3			
600	2.2	5.3	8.8	11.7	13.7	16.1	17.9	20.1	21.2	22.5	23.2	23.5	23.6	23.6	24.1			
700	2.2	5.7	9.4	12.7	14.9	17.5	19.6	21.6	22.7	24.1	24.7	25.1	25.2	25.2	25.6			
800	2.2	5.8	10.1	13.9	15.3	18.1	20.1	22.3	23.5	24.8	25.5	25.8	25.9	25.9	26.4			
900	2.5	6.5	10.8	14.3	16.5	19.0	21.2	23.4	24.7	26.0	27.0	27.9	28.2	28.4	28.9			
1000	3.2	7.4	12.0	15.9	18.2	21.9	23.4	25.7	27.1	28.5	29.5	30.4	30.7	31.0	31.4			
1100	4.4	9.0	14.2	18.2	21.5	24.3	26.9	29.2	30.7	32.2	33.2	33.5	33.7	33.7	34.1			
1200	5.5	10.6	16.4	20.7	23.1	26.9	29.1	31.2	32.5	34.1	35.6	36.2	37.1	37.2	37.3	37.7		
1300	6.0	11.5	17.7	22.3	24.7	29.1	31.5	33.5	34.8	37.	38.4	39.5	40.0	40.3	40.3	40.7		
1400	6.5	12.5	19.4	24.7	27.8	32.6	35.2	37.5	38.8	41.1	42.3	44.4	45.0	45.2	45.2	45.6		
1500	7.7	13.9	22.0	27.9	31.3	36.4	41.1	43.0	45.7	47.9	49.1	49.6	49.8	49.8	50.2			
1600	9.1	15.5	25.4	31.9	35.7	41.9	47.1	49.2	52.4	55.0	56.2	56.8	57.0	57.1	57.4			
1700	10.4	17.7	29.2	37.4	41.6	47.7	54.9	56.6	61.3	63.6	64.8	65.5	65.9	65.9	66.3			
1800	11.1	19.1	31.1	39.9	44.9	51.6	59.6	61.2	65.5	69.3	71.2	72.0	72.3	72.3	72.8			
1900	11.3	19.4	31.4	40.3	45.3	52.3	60.0	62.6	67.3	71.1	73.1	74.0	74.3	74.3	74.7			
2000	11.8	20.1	32.3	41.6	47.3	54.6	62.3	64.9	69.9	74.7	76.8	77.7	78.1	78.1	78.6			
2100	12.1	20.6	33.0	43.0	48.7	55.9	64.2	66.8	72.4	77.5	79.9	80.7	81.3	81.3	81.7			
2200	12.3	20.7	33.2	43.2	49.2	56.9	65.3	68.1	74.2	79.6	81.6	83.3	84.1	84.1	84.5			
2300	12.3	21.0	33.5	44.1	50.1	57.9	66.2	69.0	74.8	80.6	82.7	84.1	85.0	85.0	85.4			
2400	12.3	21.2	33.8	44.1	50.2	57.9	66.6	69.8	75.5	82.1	84.2	85.8	87.0	87.0	87.4			
2500	12.3	21.0	33.9	44.2	50.8	58.1	67.4	70.4	76.3	82.8	85.	86.5	87.7	87.7	88.2			
2600	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	89.6	90.0			
2700	12.3	21.1	34.0	44.3	50.9	58.4	67.9	70.9	77.5	84.7	87.2	89.0	91.9	91.9	92.7			
2800	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	93.0	93.9			
2900	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	94.3	95.4			
3000	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	95.1	96.3			
3100	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	95.4	96.9			
3200	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	95.6	100.0			

TOTAL NUMBER OF OBSERVATIONS 914

USAFETAC [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3400[illegible] SAN [illegible]BERNARDINO/COLLEGE CAP 60-70 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	5.3	9.3	12.2	15.2	16.[illegible]	18.5	19.7	20.3	21.2	21.9	21.[illegible]	22.[illegible]	22.1	22.1	22.2
	5.2	9.3	13.5	17.1	18.2	21.3	22.7	23.5	24.6	25.6	25.6	25.7	25.8	25.8	25.[illegible]
	5.3	9.4	13.6	17.2	18.3	21.5	22.8	23.6	24.7	25.7	25.7	25.8	26.[illegible]	26.[illegible]	26.[illegible]
	5.3	9.4	13.6	17.2	18.3	21.5	22.8	23.6	24.7	25.7	25.7	25.8	26.[illegible]	26.[illegible]	26.[illegible]
	5.3	9.4	13.6	17.3	18.4	21.7	23.0	23.8	24.9	26.0	26.[illegible]	26.1	26.2	26.2	26.3
	5.5	9.7	14.2	17.9	19.[illegible]	22.2	23.6	24.4	25.5	26.6	26.[illegible]	26.7	26.9	26.9	27.[illegible]
	5.5	9.7	14.7	18.7	19.8	23.1	24.5	25.3	26.6	27.8	27.[illegible]	27.9	28.[illegible]	28.[illegible]	28.2
	7.0	13.1	15.4	19.3	20.4	23.8	25.3	26.1	27.6	28.9	28.9	29.0	29.1	29.1	29.3
	[illegible].0	11.2	17.4	21.9	23.[illegible]	26.7	28.5	29.3	31.[illegible]	32.2	32.2	32.4	32.5	32.5	32.7
	9.6	13.7	20.[illegible]	25.6	27.1	30.9	32.9	33.7	35.4	36.7	36.7	36.9	37.[illegible]	37.[illegible]	37.2
	1[illegible].6	15.3	22.6	28.3	29.6	33.5	35.7	36.5	38.2	39.6	39.6	39.7	39.[illegible]	39.[illegible]	40.[illegible]
	11.3	16.2	24.2	30.4	31.8	36.[illegible]	38.5	39.3	41.[illegible]	42.4	42.5	43.1	43.3	43.3	43.5
	12.1	17.1	26.1	32.3	34.2	38.7	41.2	42.1	43.9	45.2	45.3	46.1	46.2	46.2	46.4
	12.9	18.[illegible]	27.6	34.8	36.2	41.5	44.2	45.1	46.9	48.3	48.4	49.4	49.[illegible]	49.6	49.8
	14.3	19.8	30.[illegible]	37.6	39.3	45.2	48.[illegible]	48.9	50.[illegible]	52.2	52.4	53.4	53.[illegible]	53.5	53.7
	15.2	23.3	34.9	43.4	45.5	51.9	55.1	56.1	58.3	60.1	60.2	61.2	61.3	61.3	61.4
	19.2	28.2	41.5	51.2	53.8	60.9	64.7	66.2	69.[illegible]	71.2	71.6	72.6	72.7	72.7	72.9
	19.6	26.9	42.2	52.5	55.5	63.3	67.5	69.3	73.3	76.2	77.3	78.4	78.5	78.5	78.8
	19.6	29.[illegible]	42.5	52.9	56.[illegible]	63.8	68.1	70.1	74.2	77.3	78.4	79.6	79.7	79.7	79.9
	19.9	29.3	43.3	53.9	57.1	65.1	69.8	71.9	76.4	79.9	81.3	82.6	82.8	82.8	83.[illegible]
	20.0	29.4	43.4	54.4	57.4	65.5	70.2	72.7	78.1	82.2	83.7	84.9	85.3	85.3	85.5
	20.7	30.2	44.2	55.2	58.3	66.4	71.1	73.6	79.8	84.2	85.6	86.9	87.2	87.2	87.5
	20.7	30.3	44.3	55.3	58.5	67.0	71.8	74.3	80.4	84.8	86.3	87.5	87.9	87.9	88.3
	20.7	30.3	44.3	55.3	58.8	67.2	72.4	74.9	81.2	86.0	87.4	88.7	89.[illegible]	89.[illegible]	89.6
	20.7	30.4	44.4	55.5	59.2	67.6	73.1	75.7	82.6	87.4	88.9	90.1	90.4	90.4	91.0
	20.7	30.4	44.4	55.5	59.2	67.6	73.1	75.7	82.9	88.0	89.4	90.8	91.7	91.7	92.5
	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.5	89.2	91.2	93.0	94.[illegible]	94.[illegible]	94.8
	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.6	91.9	94.2	95.4	95.4	96.3
	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.8	92.1	94.5	96.[illegible]	96.[illegible]	97.2
	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2	94.9	97.2	97.4	99.1
	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2	94.9	97.4	97.8	99.[illegible]
	20.7	30.4	44.4	55.5	59.2	67.8	73.3	76.0	83.6	89.9	92.2	94.9	97.4	97.8	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]

USAFETAC FORM [illegible] 0-14-5 OL-1 [illegible]

DATA PROCESSED BY USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3405R SAN DIEGO, CALIFORNIA (MCAS MIRAMAR) 60-72 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

[illegible]	[illegible]	14.2	16.[illegible]	18.[illegible]	19.4	20.6	20.7	21.[illegible]	21.0	21.[illegible]	21.0	21.7	21.7	21.9
[illegible]	1.6	15.2	17.6	21.[illegible]	23.1	24.5	24.7	25.1	25.6	25.[illegible]	25.9	25.[illegible]	26.8	26.[illegible]
[illegible]	1.[illegible]	16.5	19.9	21.[illegible]	23.4	24.[illegible]	24.9	25.4	25.9	26.1	26.1	27.[illegible]	27.[illegible]	27.1
[illegible]	1.9	16.6	20.[illegible]	21.2	23.5	24.9	25.[illegible]	25.5	26.[illegible]	26.2	26.2	27.1	27.1	27.3
[illegible]	11.[illegible]	16.7	20.1	21.3	23.6	25.[illegible]	25.1	25.6	26.1	26.3	26.3	27.3	27.3	27.4
[illegible]	11.[illegible]	16.[illegible]	20.2	21.4	23.9	25.6	25.7	26.2	26.7	26.9	26.9	27.[illegible]	27.6	27.[illegible]
[illegible]	11.5	17.4	20.[illegible]	22.2	24.9	26.[illegible]	27.0	27.5	28.3	28.7	28.7	29.6	29.6	29.7
[illegible]	12.5	18.9	22.6	24.[illegible]	26.7	28.7	28.9	29.6	30.8	31.1	31.1	32.1	32.1	32.2
1[illegible].1	13.5	2[illegible].4	24.7	26.1	29.[illegible]	31.4	31.8	32.9	34.2	34.[illegible]	34.5	35.5	35.5	35.6
11.5	14.9	22.[illegible]	27.1	28.8	32.2	34.[illegible]	35.[illegible]	36.1	37.4	37.7	37.7	38.7	38.7	38.[illegible]
12.[illegible]	15.7	24.[illegible]	29.6	31.4	34.8	37.3	37.7	38.8	40.1	40.4	40.4	41.4	41.4	41.5
13.[illegible]	17.5	27.1	32.3	34.1	38.[illegible]	41.2	41.7	42.9	44.2	44.[illegible]	44.8	45.[illegible]	45.[illegible]	45.9
14.9	19.4	29.5	34.9	36.[illegible]	40.9	44.2	44.8	46.1	47.4	47.7	48.1	49.1	49.1	49.2
15.3	21.3	31.7	37.7	39.7	44.4	48.1	48.8	50.1	51.4	51.[illegible]	52.2	53.2	53.2	53.3
1[illegible].[illegible]	23.3	34.3	40.3	42.5	47.4	51.2	51.9	53.2	54.5	55.[illegible]	55.7	56.8	56.8	56.9
19.7	26.2	38.1	45.2	48.1	53.6	57.7	58.4	59.8	61.8	62.5	63.2	64.4	64.4	64.5
21.7	29.[illegible]	43.6	51.2	55.1	61.2	66.2	67.1	68.6	71.2	72.[illegible]	72.7	74.[illegible]	74.[illegible]	74.3
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	79.7
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.[illegible]	81.[illegible]	81.[illegible]
22.4	29.8	45.2	54.5	59.[illegible]	66.2	72.2	73.7	76.[illegible]	79.1	80.1	81.0	82.5	82.5	83.1
22.8	30.3	45.8	55.[illegible]	60.4	68.4	74.9	76.4	79.6	83.1	84.1	85.0	86.5	86.5	87.2
22.8	30.3	45.8	55.9	60.6	69.[illegible]	75.4	77.0	80.8	84.8	86.[illegible]	86.8	88.4	88.4	89.1
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	89.5
22.8	30.3	45.8	55.9	60.9	69.3	75.9	77.8	81.8	86.4	87.5	88.4	89.9	89.9	90.6
22.8	30.3	45.8	55.9	61.0	69.6	76.5	78.5	82.[illegible]	87.4	88.6	89.5	91.3	91.3	92.0
22.8	30.3	45.8	55.9	61.0	69.6	76.5	78.6	83.2	87.9	89.3	90.5	92.5	92.5	93.2
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	95.1
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	96.2
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	97.4
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	97.1	98.7
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	97.4	99.9
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	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 851

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO/BROWN FIELD MUNI, CALIF 61-74 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING (FEET) \ VISIBILITY (STATUTE MILES)	0	¼	½	¾	1	1¼	1½	1¾	2	2½	3	4	5	6	7	8	9	10
22000	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			
20000	7.3	10.3	15.9	21.0	22.5	25.9	27.8	28.3	28.9	29.5	29.5	30.2	30.8	30.8	30.8			
19000	7.3	10.3	15.9	21.0	22.5	25.9	27.8	28.3	28.9	29.5	29.5	30.2	30.8	30.8	30.8			
18000	7.3	10.3	15.9	21.0	22.5	25.9	27.8	28.3	28.9	29.5	29.5	30.2	30.8	30.8	30.8			
17000	7.3	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			
16000	7.4	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			
15000	7.4	10.5	16.0	21.6	23.2	26.8	28.9	29.5	30.2	31.0	31.0	31.6	32.2	32.2	32.2			
14000	7.7	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			
13000	8.2	12.9	19.4	25.2	27.3	31.3	33.3	34.0	34.9	36.3	36.5	37.1	37.8	37.8	37.8			
12000	8.8	14.0	20.6	27.0	29.2	33.3	35.7	36.3	37.3	38.7	38.9	39.5	40.2	40.2	40.2			
11000	12.1	16.3	24.1	30.6	33.0	37.5	39.8	40.5	41.9	43.3	43.5	44.1	44.8	44.8	44.8			
10000	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			
9000	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			
8000	16.7	22.9	32.1	39.2	42.7	48.3	51.3	52.2	53.7	55.4	55.6	56.8	57.5	57.5	57.5			
7000	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			
6000	19.4	26.3	37.1	45.7	49.8	55.9	59.0	60.0	61.4	63.2	63.4	65.1	66.0	66.0	66.0			
5000	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			
4500	21.1	29.0	43.3	53.7	58.7	65.0	69.4	71.0	73.2	75.2	76.0	77.5	78.6	78.6	78.6			
4000	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			
3500	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			
3000	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			
2900	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	90.2			
2800	22.2	30.6	45.6	57.9	63.2	71.9	77.9	80.5	84.0	86.7	87.6	89.5	91.0	91.0	91.1			
2700	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	93.2			
2600	22.2	30.6	45.6	57.9	63.2	72.4	79.0	81.9	86.5	89.5	90.5	92.5	94.0	94.0	94.1			
2500	22.2	30.6	45.6	57.9	63.3	72.5	79.4	82.2	87.0	90.2	91.1	93.2	94.6	94.6	94.8			
2400	22.2	30.6	45.6	57.9	63.3	72.5	79.4	82.2	87.5	91.0	92.1	94.1	95.7	95.7	95.9			
2300	22.2	30.6	45.7	58.1	63.5	72.7	79.5	82.4	87.6	91.1	92.2	94.6	96.2	96.2	96.5			
2200	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	97.6			
2100	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	98.1			
1900	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	97.8	99.2			
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	97.9	100.0			

TOTAL NUMBER OF OBSERVATIONS 630

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO, CALIFORNIA/MCAS MIRAMAR 01 WBAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
≥ 20000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 15000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 12000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 10000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 9000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 8000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 7000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 6000				5.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	36.8	36.8	36.8
≥ 5000				5.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	42.1	42.1	42.1
≥ 4500				5.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4
≥ 4000				5.3	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6
≥ 3500				5.3	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6
≥ 3000				5.3	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6
≥ 2500				5.3	42.1	42.1	42.1	42.1	42.1	42.1	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6
≥ 2000				5.3	47.4	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6	52.6	52.6	57.9	57.9	57.9
≥ 1800				5.3	47.4	47.4	47.4	47.4	47.4	47.4	52.6	52.6	52.6	52.6	52.6	57.9	57.9	57.9
≥ 1600				5.3	52.6	52.6	57.9	57.9	57.9	57.9	63.2	63.2	63.2	63.2	63.2	68.4	68.4	68.4
≥ 1400				5.3	52.6	52.6	63.2	63.2	63.2	63.2	68.4	68.4	68.4	68.4	68.4	73.7	73.7	73.7
≥ 1200				5.3	52.6	52.6	63.2	63.2	63.2	63.2	73.7	73.7	73.7	73.7	73.7	78.9	78.9	78.9
≥ 1000				5.3	52.6	52.6	63.2	63.2	63.2	63.2	73.7	73.7	73.7	73.7	73.7	78.9	78.9	78.9
≥ 900				5.3	52.6	52.6	63.2	63.2	63.2	63.2	73.7	73.7	73.7	73.7	73.7	78.9	78.9	78.9
≥ 800				5.3	52.6	57.9	68.4	73.7	73.7	73.7	84.2	84.2	84.2	84.2	89.5	89.5	89.5	89.5
≥ 700				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 600				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 500				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 400				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 300				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 200				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 100				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	89.5	89.5	94.7	94.7	94.7	94.7
≥ 0				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	94.7	94.7	100.0	100.0	100.0	100.0
				5.3	52.6	57.9	68.4	73.7	73.7	73.7	89.5	89.5	94.7	94.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34008 SW EUROPEAN GERMANY/CZECHIAN AAF 62-65 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	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
≥ 20000		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
≥ 15000		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
≥ 12000		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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		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
≥ 4500		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
≥ 4000		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
≥ 3500		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
≥ 3000		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
≥ 2500		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
≥ 2000		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
≥ 1800		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
≥ 1500		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
≥ 1200		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
≥ 1000		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
≥ 900		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
≥ 800		23.2	30.5	53.7	64.6	67.1	70.7	80.5	81.7	85.4	87.8	89.0	89.0	89.0	89.0	91.5
≥ 700		23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	86.6	89.0	90.2	90.2	90.2	90.2	92.7
≥ 600		23.2	30.5	53.7	64.6	67.1	70.7	80.5	82.9	87.8	90.2	91.5	91.5	91.5	91.5	93.9
≥ 500		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
≥ 400		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
≥ 300		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
≥ 200		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
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
		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 82

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94068 SAARLOUIS GERMANY/COLEMAN AAF 60-70 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET) / VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	<½
	10.5	12.7	16.1	16.4	19.2	21.8	24.0	24.3	25.6	27.1	27.3	27.8	27.8	27.8	28.7
	11.0	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	31.3
≥ 5000	11.1	13.6	17.2	20.0	21.0	24.1	26.3	26.7	28.2	29.8	30.1	30.6	30.6	30.6	31.5
≥ 4500	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
≥ 4000	11.1	13.6	17.2	20.1	21.1	24.2	26.5	26.8	28.5	30.1	30.3	30.8	30.8	30.8	31.7
≥ 3500	11.1	13.6	17.2	20.2	21.2	24.3	26.6	27.0	28.6	30.2	30.5	31.0	31.0	31.0	31.8
≥ 3000	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	32.6
≥ 2500	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
≥ 2200	12.2	14.7	19.1	22.2	23.2	26.5	29.2	30.0	31.6	33.6	33.8	34.3	34.3	34.3	35.2
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	21.8	26.7	35.2	40.2	41.7	46.2	49.7	50.7	53.6	56.2	56.9	57.8	58.3	58.3	59.3
≥ 800	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
≥ 700	25.7	32.5	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
≥ 600	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
≥ 500	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
≥ 400	28.2	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
≥ 300	28.3	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
≥ 200	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
≥ 100	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
0	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
	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
	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
	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
	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
	28.5	36.3	51.1	60.9	62.8	70.2	76.2	78.5	84.3	88.8	90.5	92.3	93.3	93.5	94.8
	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
	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
	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 901

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34098 SAN ANGELO, GERMANY/CLEVAN AAF 60-70 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
CLEAR		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		
≥ 25000		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		
≥ 20000		10.9	13.8	17.6	19.7	20.5	24.3	25.0	26.8	29.3	31.5	32.1	32.4	32.5	32.5	32.9		
≥ 15000		11.1	14.1	17.9	20.2	21.0	24.7	26.5	27.3	30.0	32.4	32.9	33.2	33.3	33.3	33.6		
≥ 10000		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		
≥ 9000		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		
≥ 8000		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		
≥ 7000		12.0	14.9	18.9	21.6	22.9	26.6	28.6	29.4	32.4	34.8	35.4	35.6	35.8	35.8	36.1		
≥ 6000		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		
≥ 5000		14.2	17.6	22.5	25.9	27.2	32.5	34.6	35.5	38.6	41.4	42.0	42.2	42.3	42.3	42.9		
≥ 4500		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		
≥ 4000		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		
≥ 3500		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		
≥ 3000		18.9	23.8	29.9	35.1	36.8	43.6	47.0	48.4	52.1	55.6	56.6	57.0	57.3	57.3	57.9		
≥ 2500		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		
≥ 2000		21.1	27.0	34.3	41.1	43.4	51.2	55.3	56.9	61.4	65.5	67.1	67.9	68.5	68.5	69.1		
≥ 1800		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		
≥ 1600		24.3	31.8	41.9	50.4	53.1	62.1	67.4	69.1	74.8	79.5	81.2	82.2	82.8	82.8	83.4		
≥ 1400		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		
≥ 1200		24.5	32.1	42.6	51.7	54.7	64.4	70.1	72.1	78.5	83.5	85.2	86.2	86.9	86.9	87.5		
≥ 1000		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		
≥ 900		24.5	32.5	43.1	52.5	55.6	65.5	71.9	74.2	80.7	86.5	88.4	90.0	91.0	91.0	91.8		
≥ 800		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		
≥ 700		24.5	32.5	43.1	52.9	56.0	66.1	72.7	75.0	81.7	87.9	89.8	91.8	92.8	92.8	93.7		
≥ 600		24.5	32.5	43.1	52.9	56.0	66.5	73.0	75.4	82.1	88.3	90.2	92.1	93.2	93.2	94.0		
≥ 500		24.5	32.5	43.1	52.9	56.0	66.6	73.3	75.6	82.3	88.6	90.5	92.5	93.6	93.6	94.5		
≥ 450		24.5	32.5	43.1	52.9	56.0	66.6	73.4	75.8	82.5	89.0	91.1	93.1	94.4	94.4	95.3		
≥ 400		24.5	32.5	43.1	52.9	56.0	66.7	73.5	76.0	82.6	89.1	91.2	93.2	94.6	94.6	95.8		
≥ 350		24.5	32.5	43.1	52.9	56.0	66.7	73.6	76.1	82.8	89.2	91.3	93.3	94.8	94.8	96.6		
≥ 300		24.5	32.5	43.1	52.9	56.0	66.7	73.6	76.1	82.8	89.2	91.3	93.3	94.8	94.8	97.3		
≥ 250		24.5	32.5	43.1	52.9	56.0	66.7	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	66.7	73.6	76.1	82.8	89.2	91.3	93.3	94.8	94.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 853

DATA PROCESSI[illegible] DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA[illegible]DLFEN GERMANY/CHLEMA[illegible] AAF 60-72 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
[illegible]		13.8	15.8	19.2	21.[illegible]	21.5	22.7	24.2	24.6	25.9	26.8	26.9	26.9	27.[illegible]	27.[illegible]	27.3
≥ [illegible]		16.2	19.3	23.6	26.2	26.8	28.3	30.3	31.2	32.8	33.9	34.[illegible]	34.0	34.1	34.1	34.3
≥ [illegible]		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
≥ [illegible]		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
≥ [illegible]		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
≥ [illegible]		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
≥ [illegible]		17.3	20.8	25.5	28.8	29.5	31.2	33.3	34.2	35.8	36.9	37.[illegible]	37.0	37.1	37.1	37.3
≥ [illegible]		18.1	21.6	27.0	30.[illegible]	30.9	32.8	34.6	35.5	37.1	38.2	38.3	38.3	38.4	38.4	38.7
≥ [illegible]		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
≥ 3000		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
≥ [illegible]		22.2	26.3	32.4	35.8	37.1	39.4	42.3	43.6	45.5	46.7	46.[illegible]	46.8	47.1	47.1	47.4
≥ 5000		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
≥ [illegible]		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
≥ [illegible]		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
≥ [illegible]		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
≥ [illegible]		31.6	37.5	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
≥ 2500		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
≥ 2000		35.3	42.1	53.7	61.7	64.3	69.7	74.3	76.7	79.8	82.6	82.8	83.3	83.9	83.9	84.3
≥ 1800		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
≥ 1500		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
≥ 1200		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
≥ 1000		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
≥ 900		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
≥ 800		36.5	43.7	57.3	66.7	70.1	76.5	82.5	85.0	88.7	92.7	93.3	94.2	95.6	95.6	96.0
≥ 700		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	96.5
≥ 600		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.2	93.9	94.8	96.3	96.3	96.9
≥ 500		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
≥ 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	97.0	97.0	97.8
≥ 300		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.4	97.4	97.4	98.7
≥ 200		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.4	97.6	97.6	99.2
≥ 100		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.4	98.0	98.0	99.9
≥ 0		36.5	43.7	57.3	66.7	70.2	76.6	82.6	85.1	88.8	93.6	94.4	95.4	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36068 SAARBRUECKEN GERMANY/COLEMAN AAF 60-70 FEB

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	14.1	15.7	20.0	21.6	22.5	22.7	23.4	23.5	24.1	24.4	24.4	24.4	24.4	24.4	24.5
	18.2	21.0	25.9	28.4	29.2	30.0	30.7	31.0	32.2	32.7	32.7	32.7	32.7	32.7	32.8
	18.2	21.0	25.9	28.4	29.3	30.0	30.7	31.0	32.2	32.7	32.7	32.7	32.7	32.7	32.8
	18.3	21.1	26.0	28.5	29.6	30.2	30.8	31.2	32.3	32.8	32.8	32.8	32.8	32.8	32.9
	18.3	21.1	26.0	28.6	29.8	30.3	30.9	31.3	32.4	32.9	32.9	32.9	33.0	33.0	33.2
	18.3	21.2	26.1	28.8	30.2	30.8	31.4	31.8	32.9	33.4	33.4	33.4	33.5	33.5	33.7
	19.0	22.5	27.5	30.3	31.7	32.3	32.9	33.3	34.5	35.1	35.1	35.1	35.3	35.3	35.4
	19.8	23.4	28.5	31.4	32.8	33.4	34.0	34.4	35.7	36.2	36.2	36.2	36.4	36.4	36.6
	22.0	25.9	31.2	34.0	35.4	36.2	37.3	37.7	39.2	39.7	39.7	39.7	40.1	40.1	40.2
	24.5	28.4	33.9	36.9	38.3	39.1	40.5	40.8	42.5	43.0	43.0	43.0	43.3	43.3	43.5
	25.8	29.8	35.4	38.4	39.8	40.6	42.0	42.3	44.3	44.8	44.9	44.8	45.2	45.2	45.4
	29.0	33.2	39.6	42.6	44.1	44.8	46.6	47.1	49.2	49.7	49.7	49.7	50.1	50.1	50.3
	30.2	34.5	41.3	44.8	46.5	47.4	49.1	49.6	51.8	52.5	52.5	52.5	52.9	52.9	53.0
	32.5	37.3	45.6	49.5	51.1	52.3	54.1	54.8	56.9	57.9	57.9	57.9	58.3	58.3	58.4
	34.7	40.8	50.1	54.4	56.3	57.9	59.9	60.6	63.3	64.8	64.9	64.9	65.3	65.3	65.5
	38.9	45.6	56.8	61.3	63.2	65.2	67.7	68.3	71.2	72.9	73.0	73.0	73.4	73.4	73.5
	41.2	48.6	61.6	66.7	69.0	71.1	73.9	74.6	78.0	79.6	79.9	80.0	80.4	80.4	80.5
	43.0	50.5	64.2	69.8	72.2	74.7	78.0	79.1	82.8	84.7	84.9	85.2	85.7	85.7	85.8
	43.0	50.6	65.2	71.2	73.6	76.4	79.8	81.0	84.8	86.7	87.1	87.3	87.9	87.9	88.1
	43.5	51.4	66.6	73.2	75.4	78.5	82.0	83.5	87.8	89.7	90.1	90.5	91.1	91.1	91.2
	43.8	51.9	67.3	74.0	76.4	79.6	83.3	84.9	89.8	91.8	92.7	93.1	93.7	93.7	93.8
	44.0	52.0	67.8	74.5	77.0	80.4	84.2	85.9	91.1	93.7	94.2	94.6	95.2	95.2	95.4
	44.0	52.0	67.8	74.5	77.0	80.4	84.2	85.9	91.1	94.0	94.5	94.8	96.1	96.1	96.2
	44.0	52.0	67.8	74.5	77.0	80.4	84.4	86.2	91.6	94.7	95.2	95.6	97.2	97.2	97.5
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	94.8	95.4	95.7	97.5	97.5	97.7
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	94.8	95.4	95.9	97.6	97.6	97.9
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	95.2	95.7	96.2	98.0	98.0	98.3
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	95.2	95.7	96.2	98.0	98.0	98.3
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	95.2	95.7	96.2	98.2	98.2	99.2
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	95.2	95.7	96.2	98.2	98.4	99.7
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	95.2	95.7	96.2	98.2	98.4	99.9
	44.0	52.0	67.8	74.5	77.0	80.4	84.5	86.3	91.7	95.2	95.7	96.2	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 796

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DOPEN GERMANY/CULEMAN AAF 62-72 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING (FEET)	VISIBILITY (MILES) ≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
NO CEILING	21.3	23.5	27.7	30.6	30.9	32.2	32.5	33.1	33.6	34.0	34.1	34.2	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	23.0	26.6	31.6	35.2	36.3	38.2	38.5	39.2	40.0	40.3	40.3	40.5	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000	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	41.2	41.2
≥ 17000	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	41.2	41.2
≥ 16000	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	41.4	41.4
≥ 15000	23.3	26.9	32.0	36.2	36.7	38.7	39.1	39.8	40.5	40.9	40.9	41.0	41.6	41.6	41.6	41.6	41.6	41.6
≥ 14000	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	43.0	43.0
≥ 13000	25.1	29.1	34.2	38.5	39.4	41.6	42.0	42.7	43.4	43.8	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000	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	48.1	48.1
≥ 11000	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	51.2	51.2
≥ 10000	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	54.6	54.6
≥ 9000	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	59.5	59.5
≥ 8000	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	61.3	61.3
≥ 7000	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	65.3	65.3
≥ 6000	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	69.3	69.3
≥ 5000	39.2	46.3	55.3	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	75.6	75.6
≥ 4500	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	81.0	81.0
≥ 4000	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	87.7	87.7
≥ 3500	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	90.2	90.2
≥ 3000	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	93.9	93.9
≥ 2500	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	96.0	96.2	96.2	96.2
≥ 2000	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	97.5	97.6	97.6	97.6
≥ 1800	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	97.8	97.8	97.8
≥ 1500	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	98.2	98.4	98.4	98.4
≥ 1200	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	98.4	98.6	98.6	98.6
≥ 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	98.4	98.7	98.7	98.7
≥ 900	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	98.6	98.9	98.9	98.9
≥ 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	98.6	98.9	98.9	98.9
≥ 700	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	99.1	99.5	99.5	99.5
≥ 600	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	99.1	99.5	99.5	99.5
≥ 500	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	99.1	99.5	99.5	99.5
≥ 400	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	99.1	99.5	99.5	99.5
≥ 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	99.1	99.5	99.5	99.5
≥ 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	99.1	99.5	99.5	99.5
≥ 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	99.1	99.5	99.5	99.5
≥ 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			

TOTAL NUMBER OF OBSERVATIONS 553

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA D-DFE' GERMANY/CHLE'A' AAF 62-64 AR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	≥1	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11	≥12	≥13	≥14	≥15	≥16
[illegible]		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
[illegible]		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
[illegible]		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
[illegible]		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
4500		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
[illegible]		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
[illegible]		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
[illegible]		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
8000		8.1	12.2	20.3	29.7	29.7	33.8	35.1	37.8	43.2	44.6	44.6	44.6	44.6	44.6	45.9
7000		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
6000		8.1	12.2	21.6	32.4	32.4	36.5	37.8	4 .5	45.9	47.3	47.3	47.3	47.3	47.3	48.6
5000		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
4500		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
4000		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
3500		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
3000		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
2500		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
2000		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
1800		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
1500		14.9	23.0	45.9	66.2	67.6	71.6	77.0	79.7	86.5	87.8	87.8	87.8	87.8	87.8	89.2
1200		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
1000		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
900		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
800		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
700		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
600		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
500		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
400		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
300		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
200		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
100		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/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN GERMANY/ENSHEIM AAF 60-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)	≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
≥ 20000		9.8	11.9	14.7	17.6	18.8	22.6	25.3	26.0	28.4	30.3	30.9	31.5	32.2	32.6	33.2	33.2	33.2	33.2
≥ 15000		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	37.0	37.0	37.0	37.0
≥ 12000		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	37.0	37.0	37.0	37.0
≥ 10000		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	37.0	37.0	37.0	37.0
≥ 9000		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	37.1	37.1	37.1	37.1
≥ 8000		9.7	13.0	16.4	20.1	21.3	25.6	28.5	29.3	32.1	34.3	35.0	35.7	36.5	36.5	37.2	37.2	37.2	37.2
≥ 7000		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	38.0	38.0	38.0	38.0
≥ 6000		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	39.0	39.0	39.0	39.0
≥ 5000		10.9	14.8	18.9	23.6	24.9	29.8	32.7	33.5	37.0	39.3	40.1	40.7	41.5	41.5	42.2	42.2	42.2	42.2
≥ 4500		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	45.2	45.2	45.2	45.2
≥ 4000		12.8	17.2	22.7	28.3	29.9	34.9	37.9	38.7	42.3	44.8	45.5	46.5	47.4	47.4	48.7	48.7	48.7	48.7
≥ 3500		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	54.3	54.3	54.3	54.3
≥ 3000		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	59.1	59.1	59.1	59.1
≥ 2500		18.0	25.0	32.2	40.1	41.8	47.9	51.7	52.6	56.9	59.6	60.4	61.5	62.4	62.4	63.7	63.7	63.7	63.7
≥ 2000		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	71.5	71.5	71.5	71.5
≥ 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	76.7	78.0	78.0	78.0	78.0
≥ 1600		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	83.1	84.4	84.4	84.4	84.4
≥ 1400		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	87.8	89.0	89.0	89.0	89.0
≥ 1200		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	89.6	90.9	90.9	90.9	90.9
≥ 1000		24.5	36.7	49.6	62.0	64.8	72.7	78.3	79.8	85.5	88.8	89.7	90.7	91.8	91.9	93.2	93.2	93.2	93.2
≥ 900		25.0	37.4	50.7	63.5	66.4	74.5	80.7	82.4	88.2	91.5	92.4	93.6	94.7	94.8	96.1	96.1	96.1	96.1
≥ 800		25.0	37.4	50.7	63.5	66.4	74.6	81.1	82.9	88.6	92.0	93.0	94.1	95.2	95.3	96.6	96.6	96.6	96.6
≥ 700		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	95.4	96.7	96.7	96.7	96.7
≥ 600		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	95.7	97.0	97.0	97.0	97.0
≥ 500		25.0	37.4	50.7	63.5	66.5	74.7	81.2	83.0	88.9	92.4	93.6	94.8	96.0	96.1	97.3	97.3	97.3	97.3
≥ 450		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	96.6	97.9	97.9	97.9	97.9
≥ 400		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	97.6	98.8	98.8	98.8	98.8
≥ 350		25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	93.7	95.1	96.4	97.8	97.9	99.1	99.1	99.1	99.1
≥ 300		25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	93.9	95.3	96.6	98.0	98.1	99.4	99.4	99.4	99.4
≥ 200		25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	94.0	95.4	96.7	98.2	98.3	99.7	99.7	99.7	99.7
≥ 100		25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	94.0	95.4	96.7	98.2	98.3	99.8	99.8	99.8	99.8
≥ 0		25.0	37.4	50.7	63.6	66.6	75.3	81.8	83.6	89.5	94.0	95.4	96.8	98.3	98.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSED BY ...
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3400[illegible] SAN DIEGO MCAS (MIRAMAR)/GILLESPIE FIELD AAF 60-70 [illegible]AR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

1	12.4	17.2	19.9	21.7	23.7	26.3	26.9	28.6	30.1	30.7	31.1	31.4	31.4	31.7
11.8	14.6	19.8	23.	23.9	27.4	30.3	31.4	33.6	35.4	36.1	36.5	37.0	37.0	37.3
11.8	14.6	19.8	23.	23.9	27.4	30.3	31.4	33.6	35.4	36.1	36.5	37.0	37.0	37.3
11.8	14.6	19.8	23.	23.9	27.4	30.3	31.4	33.6	35.4	36.1	36.5	37.0	37.0	37.3
11.8	14.6	19.8	23.	23.9	27.4	30.3	31.4	33.6	35.4	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.	29.8	33.	34.2	36.6	38.5	39.4	39.9	40.3	40.3	40.6
13.3	16.8	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.
14.5	18.3	24.8	28.9	29.9	34.0	37.4	38.9	41.8	44.1	45.	45.4	45.9	45.9	46.2
15.3	20.3	27.2	31.4	32.5	36.7	40.3	41.9	44.8	47.1	48.1	48.7	49.1	49.1	49.4
17.9	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.	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
21.7	26.3	35.	42.	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	68.8	69.5	70.1	70.1	70.4
24.9	32.4	44.4	53.	55.3	61.8	66.9	69.6	73.2	76.4	77.5	78.2	78.8	78.8	79.1
24.6	33.4	48.6	58.7	61.1	67.7	73.9	76.6	80.5	83.7	84.9	85.5	86.1	86.1	86.4
27.4	36.9	51.2	61.0	64.	71.5	77.9	80.5	84.5	87.7	88.	89.4	90.1	90.1	90.4
27.9	37.5	52.2	62.6	65.7	72.9	79.2	81.9	85.9	89.0	90.2	90.8	91.4	91.4	91.7
28.1	37.8	52.9	64.	66.4	74.3	80.8	83.5	87.6	91.1	92.3	93.0	93.6	93.6	93.9
28.4	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
28.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.6	95.9	96.5	97.2	97.2	97.5
28.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.1	94.7	96.	96.6	97.4	97.4	97.7
28.5	38.2	53.6	65.3	67.8	76.2	83.3	86.3	91.3	94.9	96.2	96.8	97.7	97.7	98.
28.5	38.2	53.6	65.3	67.9	76.3	83.5	86.5	91.6	95.2	96.6	97.2	98.2	98.2	98.
28.5	38.2	53.6	65.3	67.9	76.3	83.5	86.5	91.6	95.4	96.8	97.4	98.4	98.4	98.
28.5	38.2	53.6	65.3	67.9	76.3	83.5	86.5	91.6	95.4	96.8	97.6	98.7	98.7	99.
28.5	38.2	53.6	65.3	67.9	76.3	83.6	86.6	91.8	95.9	97.3	98.1	99.3	99.4	99.
28.5	38.2	53.6	65.3	67.9	76.3	83.9	86.9	92.0	96.1	97.5	98.3	99.5	99.5	99.
28.5	38.2	53.6	65.3	67.9	76.3	83.9	86.9	92.2	96.1	97.5	98.3	99.5	99.6	100.
28.5	38.2	53.6	65.3	67.9	76.3	83.9	86.9	92.2	96.1	97.5	98.3	99.5	99.6	100.
28.5	38.2	53.6	65.3	67.9	76.3	83.9	86.9	92.2	96.1	97.5	98.3	99.5	99.6	100.

TOTAL NUMBER OF OBSERVATIONS 965

DATA PROCESSED BY USAF ETAC
USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3400 SAN JOSE, CALIFORNIA/SAN JOSE AP 60-74 (R)

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
17.4	20.9	26.6	30.1	30.8	32.1	33.4	33.6	34.9	36.4	36.5	36.5	36.8	36.8	36.8
17.4	20.9	26.6	30.1	30.8	32.1	33.4	33.6	34.9	36.4	36.5	36.5	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
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
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
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	38.0
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	38.9
20.0	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	42.1
21.2	25.0	31.5	35.2	35.3	36.1	40.0	40.4	41.7	43.4	43.5	43.5	43.8	43.8	43.9
22.7	26.7	33.6	37.8	39.0	41.0	43.0	43.3	44.7	46.4	46.5	46.5	46.7	46.7	46.9
24.7	28.9	36.4	41.4	42.5	44.9	46.9	47.4	48.7	50.5	50.6	50.6	50.8	50.8	51.0
25.9	32.2	40.6	45.4	46.7	48.6	51.2	51.6	53.0	54.8	54.9	54.9	55.1	55.1	55.2
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	59.7
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	67.2
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	76.8
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	87.4
45.9	55.7	70.3	79.4	81.4	84.1	87.1	87.9	90.3	92.5	92.6	92.6	92.8	92.8	92.9
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	93.9
46.7	56.8	72.2	81.6	83.8	86.9	90.1	91.0	93.3	95.6	95.7	95.7	95.9	95.9	96.0
47.0	57.2	72.8	82.6	84.7	88.1	91.8	92.7	95.3	97.6	97.7	97.7	97.9	97.9	98.0
47.0	57.2	72.8	82.6	84.7	88.2	92.5	93.5	96.5	98.7	98.8	98.8	99.0	99.0	99.2
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	99.4
47.0	57.2	73.0	82.8	85.0	88.7	92.8	93.9	96.8	99.2	99.3	99.3	99.5	99.5	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	99.7
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	96.9	99.4	99.5	99.5	99.7	99.7	99.8
47.0	57.2	73.0	82.9	85.1	88.8	92.9	94.0	96.9	99.4	99.6	99.6	99.8	99.8	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	100.0
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	100.0
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	100.0
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	100.0
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	100.0

TOTAL NUMBER OF OBSERVATIONS 944

USAFETAC [illegible]

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DOLFE GERMANY/GOLE'AN AAF 60-72

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15 JUN-17 JUL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
NV	0	18.8	23.2	25.7	26.2	28.5	29.7	30.4	30.5	31.0	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4
NV	100	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	38.6	38.6
NV	200	24.1	28.1	31.5	34.9	35.6	36.8	37.5	37.6	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
NV	300	24.1	28.1	31.5	34.9	35.6	36.8	37.5	37.6	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
NV	400	24.1	28.4	31.8	35.2	35.9	37.2	37.8	37.9	38.9	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3
NV	500	24.6	29.2	32.4	36.1	36.8	38.0	38.7	38.8	39.8	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1
NV	600	25.1	29.7	33.4	37.1	37.8	39.1	39.8	39.9	40.9	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2
NV	700	25.3	30.9	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	42.8	42.8
NV	800	28.3	33.8	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	45.9	45.9
NV	900	29.8	34.8	39.8	44.3	45.2	46.6	47.6	47.8	48.9	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3
NV	1000	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	53.2	53.2
NV	1100	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	57.6	57.6
NV	1200	38.7	44.7	51.0	55.9	57.0	58.6	59.6	60.0	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5
NV	1300	42.8	49.2	56.1	61.2	62.2	63.8	65.2	65.4	66.4	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1
NV	1400	48.0	55.0	63.9	69.2	70.3	71.8	73.0	73.4	74.6	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2
NV	1500	52.6	61.1	70.2	76.3	78.3	79.8	81.3	81.6	82.8	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6
NV	1600	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	91.1	91.1
NV	1700	57.9	68.6	79.6	86.4	88.6	91.1	92.8	93.1	94.3	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4
NV	1800	57.9	68.6	79.7	87.2	89.7	91.6	93.2	93.5	94.7	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8
NV	1900	58.0	68.9	80.0	87.4	90.2	92.7	94.3	94.6	95.8	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9
NV	2000	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	98.4	98.4
NV	2100	58.0	69.1	80.5	88.4	90.7	93.9	96.1	96.4	97.7	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3
NV	2200	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	99.7	99.7
NV	2300	58.0	69.1	80.6	88.5	91.0	94.2	96.4	96.7	98.4	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8
NV	2400	58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9
NV	2500	58.0	69.1	80.6	88.5	91.0	94.3	96.5	96.8	98.5	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9
NV	2600	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	100.0	100.0
NV	2700	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	100.0	100.0
NV	2800	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	100.0	100.0
NV	2900	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	100.0	100.0
NV	3000	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	100.0	100.0
NV	3100	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	100.0	100.0
NV	3200	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

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

ATM PROCESSING SYSTEM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SHEPPARD AFB/WICHITA FALLS MUNI AIRPORT 61-73 TAF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8
22,000	22.4	27.6	29.9	32.5	33.2	34.4	35.5	35.7	36.3	36.8	36.8	36.8	36.9	36.9	36.9	36.9
20,000	25.6	33.4	36.4	39.0	40.3	41.9	43.2	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6
18,000	25.6	33.4	36.4	39.0	40.3	41.9	43.2	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6
17,000	25.6	33.4	36.4	39.0	40.3	41.9	43.2	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6
16,000	25.8	33.5	36.5	39.7	40.4	42.0	43.3	43.6	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7
15,000	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
14,000	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
13,000	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
12,000	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
11,000	32.7	40.0	43.2	47.0	48.8	50.8	52.2	52.5	53.2	54.0	54.0	54.1	54.1	54.1	54.1	54.1
10,000	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
9,000	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
8,000	42.6	51.8	57.8	63.0	64.5	66.6	68.3	68.6	69.5	70.4	70.5	70.6	70.6	70.6	70.6	70.6
7,000	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
6,000	47.8	59.4	66.9	72.7	74.1	76.5	78.3	78.7	79.7	80.6	80.7	80.9	80.9	80.9	80.9	80.9
5,000	49.8	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
4,500	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
4,000	54.0	67.6	77.1	84.5	86.2	90.1	92.1	92.8	94.4	95.4	96.0	96.1	96.1	96.1	96.1	96.1
3,500	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
3,000	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
2,900	54.4	68.1	77.7	85.2	86.9	91.2	94.1	94.8	96.5	97.6	98.1	98.3	98.4	98.4	98.4	98.4
2,800	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
2,700	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
2,600	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.1	98.7	99.3	99.6	99.6	99.6	99.6
2,500	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.1	99.6	99.9	99.9	99.9	99.9
2,400	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	99.9	99.9
2,300	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	99.9	99.9
2,200	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	99.9	100.0
2,100	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
2,000	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,900	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,800	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,700	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,600	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,500	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,400	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,300	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,200	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,100	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
1,000	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
900	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
800	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
700	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
600	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
500	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
400	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
300	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
200	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
100	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0
0	54.4	68.1	77.7	85.2	86.9	91.4	94.2	95.0	96.7	98.3	99.2	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34065 SHEPPEY GERMANY/GUTLEBEN AAF 01 JS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

			1	35	40	40	45	45	45	50	50	50	50	50	50	50
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		5	25	50	55	55	60	60	60	65	65	65	65	65	65	65
		10	30	55	60	60	65	65	65	70	70	70	70	70	70	70
		10	30	55	60	60	65	65	65	70	70	70	70	70	70	70
		15	35	60	65	65	70	70	70	75	75	75	75	75	75	75
		15	35	60	65	65	70	70	70	75	75	75	75	75	75	75
		15	40	65	70	70	75	75	75	80	80	80	80	80	80	80
		15	40	70	80	80	85	85	85	90	90	90	90	90	90	90
		15	40	70	85	85	90	90	90	95	95	95	95	95	95	95
		15	40	70	85	85	90	90	90	95	95	95	95	95	95	95
		15	40	70	85	85	90	90	90	95	95	95	95	95	95	95
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100
		15	40	75	90	90	95	95	95	100	100	100	100	100	100	100

TOTAL NUMBER OF OBSERVATIONS 22

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO, GERMANY/COLEMAN AAF 60-64 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	≥ 0	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 10
≥ 22000	12.9	15.1	21.8	22.7	23.5	26.1	26.9	26.9	28.6	28.6	28.6	28.6	28.6	28.6	29.4
≥ 20000	12.6	18.5	26.1	26.9	29.4	31.9	32.8	32.8	34.5	34.5	34.5	34.5	34.5	34.5	35.3
≥ 18000	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	36.1
≥ 17000	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	36.1
≥ 16000	12.6	19.3	26.9	27.7	30.3	32.6	33.6	33.6	35.3	35.3	35.3	35.3	35.3	35.3	36.1
≥ 15000	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	37.8
≥ 14000	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	41.2
≥ 13000	13.4	21.8	30.3	31.9	35.3	39.5	40.3	40.3	42.0	42.9	42.9	42.9	42.9	42.9	43.7
≥ 12000	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	46.2
≥ 11000	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	48.7
≥ 10000	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	51.3
≥ 9000	16.8	27.7	39.5	43.7	47.9	52.9	53.8	53.8	55.5	56.3	56.3	56.3	56.3	56.3	57.1
≥ 8000	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	61.3
≥ 7000	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	71.4
≥ 6000	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	78.2
≥ 5000	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	88.2
≥ 4500	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	93.3
≥ 4000	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	95.8
≥ 3500	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	95.8
≥ 3000	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	95.8
≥ 2500	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	95.8
≥ 2200	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	95.8
≥ 2000	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	95.8
≥ 1800	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	95.8
≥ 1600	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	95.8
≥ 1400	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	95.8
≥ 1200	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	95.8
≥ 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	95.8
≥ 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	95.8
≥ 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	95.8
≥ 700	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	96.6
≥ 600	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	96.6
≥ 500	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	95.0	95.8	96.6	96.6	96.6	96.6	97.5
≥ 400	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	95.0	95.8	96.6	96.6	96.6	96.6	97.5
≥ 300	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	95.0	95.8	96.6	96.6	96.6	96.6	97.5
≥ 200	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	95.0	95.8	96.6	96.6	96.6	96.6	99.2
≥ 100	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	95.0	95.8	96.6	96.6	96.6	96.6	100.0
≥ 0	21.8	37.0	62.2	73.1	79.8	89.1	91.6	91.6	95.0	95.8	96.6	96.6	96.6	96.6	100.0

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) 0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	12.2	16.3	20.5	23.8	25.8	27.7	29.6	29.8	30.6	31.0	31.2	31.2	31.3	31.3	31.9	
	14.3	19.5	24.6	28.4	30.6	33.2	35.4	35.8	36.6	37.1	37.2	37.4	37.5	37.5	38.5	
	14.3	19.5	24.6	28.4	30.6	33.2	35.4	35.8	36.6	37.1	37.2	37.4	37.5	37.5	38.5	
	14.5	19.7	24.8	28.6	30.8	33.4	35.6	36.0	36.8	37.3	37.4	37.6	37.7	37.7	38.7	
	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	
	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	
	15.3	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	30.3	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	92.8	
	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	
	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	
	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	
	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.6	96.2	96.5	96.9	97.3	97.4	98.5	
	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.6	96.2	96.5	96.9	97.3	97.4	98.5	
	30.6	43.6	59.5	72.2	77.4	83.5	88.6	89.7	94.6	96.2	96.5	96.9	97.3	97.4	98.5	
	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	
	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	
	30.6	43.6	59.5	72.2	77.4	83.7	88.8	89.9	95.0	96.7	97.1	97.4	97.9	98.0	99.2	
	30.6	43.6	59.5	72.2	77.4	83.9	88.9	90.0	95.1	96.9	97.2	97.5	98.0	98.2	99.3	
	30.6	43.6	59.5	72.2	77.4	83.9	88.9	90.0	95.1	96.9	97.2	97.5	98.0	98.2	99.3	
	30.6	43.6	59.5	72.2	77.4	83.9	88.9	90.0	95.1	96.9	97.2	97.5	98.0	98.2	100.0	
	30.6	43.6	59.5	72.2	77.4	83.9	88.9	90.0	95.1	96.9	97.2	97.5	98.0	98.2	100.0	
	30.6	43.6	59.5	72.2	77.4	83.9	88.9	90.0	95.1	96.9	97.2	97.5	98.0	98.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 60-70 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥10
NO CEILING	16.4	19.9	24.3	25.8	27.2	28.8	29.6	29.8	30.6	30.6	30.7	30.7	30.8	30.8	30.9	
≥ 20000	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	38.3	
≥ 18000	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	38.3	
≥ 17000	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	
≥ 16000	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	
≥ 15000	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	
≥ 14000	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	
≥ 13000	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	
≥ 12000	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	45.9	
≥ 11000	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	
≥ 10000	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	
≥ 9000	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	
≥ 8000	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	
≥ 7000	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	
≥ 6000	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	
≥ 5000	37.5	45.8	58.1	65.3	68.1	72.3	74.4	74.7	76.7	76.9	77.1	77.4	77.6	77.6	77.7	
≥ 4500	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	
≥ 4000	43.0	52.6	68.3	78.4	81.9	87.0	89.9	90.6	92.8	93.2	93.4	93.7	93.9	93.9	94.0	
≥ 3500	43.3	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	
≥ 3000	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	
≥ 2500	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	
≥ 2000	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	
≥ 1800	43.4	53.7	70.2	81.1	84.6	89.8	93.3	94.4	96.9	97.6	97.9	98.0	98.2	98.2	98.4	
≥ 1500	43.4	53.7	70.3	81.4	84.9	90.2	93.8	94.8	97.4	98.0	98.3	98.6	98.8	98.8	99.3	
≥ 1200	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	
≥ 1000	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.8	98.5	98.8	99.2	99.4	99.4	99.8	
≥ 900	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.8	98.5	98.8	99.2	99.4	99.4	99.9	
≥ 800	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 700	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 600	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 500	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 400	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 300	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 200	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 100	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	
≥ 0	43.4	53.7	70.3	81.4	84.9	90.3	93.9	95.1	97.9	98.6	98.9	99.3	99.5	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 965

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) 1200-1400

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
[illegible]	21.4	24.0	26.5	28.8	29.3	29.9	30.2	30.5	30.6	30.6	30.7	30.8	30.8	30.8	30.8
≥ 20000	26.6	29.5	32.6	35.9	36.2	37.1	37.3	37.6	37.7	37.7	37.9	38.1	38.1	38.1	38.1
≥ 15000	26.6	29.5	32.6	35.9	36.2	37.1	37.3	37.6	37.7	37.7	37.9	38.1	38.1	38.1	38.1
≥ 12500	26.6	29.5	32.6	35.9	36.2	37.1	37.3	37.6	37.7	37.7	37.9	38.1	38.1	38.1	38.1
≥ 10000	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
≥ 9000	26.8	29.7	33.2	36.1	36.8	37.6	37.8	38.2	38.3	38.3	38.5	38.6	38.6	38.6	38.6
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2200	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	64.9	74.9	86.8	93.6	95.5	97.5	97.9	98.5	98.9	99.0	99.2	99.5	99.5	99.5	99.5
≥ 900	64.9	74.9	86.8	93.6	95.5	97.5	97.9	98.5	98.9	99.0	99.2	99.5	99.5	99.5	99.5
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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	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
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

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3406° SAARBRUCKEN GERMANY/COLEMAN AAF 60-70 APR

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

CEILING FEET	VISIBILITY STATUTE MILES ≥0	≥1	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11	≥12	≥13	≥14	≥15
NO CEILING	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
≥ 4	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
≥ 4	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	71.4
	66.5	71.5	77.1	78.5	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	71.2	76.9	82.8	84.5	84.9	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥	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
≥ 2700	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
≥ 2000	76.8	84.4	92.2	95.3	96.0	97.1	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 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/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUCKEN GERMANY/COLEMAN AAF 60-70 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
NO CEILING	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
≥ 20000	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
≥ 15000	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
≥ 10000	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
≥ 9000	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
≥ 8000	38.8	42.1	44.3	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 7000	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
≥ 6000	41.0	44.4	46.6	47.2	47.2	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	59.9	62.4	65.7	66.7	67.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3000	60.2	67.0	71.5	73.1	73.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	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
≥ 2000	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
≥ 1800	72.6	78.7	86.8	87.0	87.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 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
≥ 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
≥ 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
≥ 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	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
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

TOTAL NUMBER OF OBSERVATIONS 691

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-64 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥7	≥10
NO CEILING	4.2	6.7	11.8	17.6	24.4	28.1	26.9	26.9	27.7	29.4	29.4	29.4	29.4	29.4	29.4
≥ 22000	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 11000	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
≥ 10000	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
≥ 9000	7.6	13.4	24.4	33.6	41.2	44.5	45.4	45.4	47.1	48.7	48.7	49.6	50.4	50.4	50.4
≥ 8000	7.6	13.4	24.4	34.5	42.0	46.2	47.9	47.9	49.6	51.3	51.3	52.1	52.9	52.9	52.9
≥ 7000	10.1	17.6	30.3	42.0	49.6	54.6	56.3	56.3	58.8	60.5	60.5	61.3	62.2	62.2	62.2
≥ 6000	10.9	20.2	33.6	47.1	54.6	59.7	61.3	61.3	65.5	67.2	67.2	68.1	68.9	68.9	68.9
≥ 5000	11.8	21.0	37.0	50.4	58.8	63.9	65.5	65.5	71.4	73.1	73.1	73.9	74.8	74.8	74.8
≥ 4500	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
≥ 4000	15.1	26.1	48.7	63.9	73.1	79.8	82.4	82.4	89.1	91.6	91.6	92.4	93.3	93.3	93.3
≥ 3500	15.1	26.1	48.7	63.9	73.1	79.8	82.4	82.4	89.9	93.3	93.3	94.1	95.0	95.0	95.0
≥ 3000	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	93.3	96.6	96.6	97.5	98.3	98.3	98.3
≥ 2500	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	93.3	96.6	96.6	97.5	98.3	98.3	98.3
≥ 2200	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 2000	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 1800	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 1600	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 1400	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 1200	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 1000	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 900	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 800	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 700	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 600	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 500	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	99.2
≥ 400	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	100.0
≥ 300	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	100.0
≥ 200	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	100.0
≥ 100	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	100.0
≥ 0	15.1	26.1	49.6	66.4	75.6	83.2	85.7	85.7	94.1	97.5	97.5	98.3	99.2	99.2	100.0

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 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	≥22	≥20	≥15	≥10	≥8	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
UNLIMITED		15.2	20.7	27.6	31.4	33.0	35.0	35.8	36.1	37.5	37.6	37.6	37.6	38.0	38.0	38.1
25000		17.8	23.9	31.7	36.4	38.2	40.6	41.6	42.2	43.6	43.7	43.7	43.7	44.2	44.2	44.3
20000		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	44.5
15000		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	45.0
12000		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	45.0
10000		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	45.9
8000		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	48.3
7000		19.8	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	50.9
6000		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	56.9
5000		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	64.7
4500		26.6	37.3	48.9	55.5	58.4	62.4	65.3	66.2	68.2	68.5	68.5	68.6	69.2	69.2	69.3
4000		28.2	39.4	52.4	59.3	62.4	66.0	69.9	70.8	72.9	73.2	73.2	73.3	73.9	73.9	74.0
3500		29.2	41.0	54.7	62.1	65.2	71.0	73.0	74.0	76.2	76.7	76.7	76.8	77.3	77.3	77.4
3000		30.1	42.2	56.7	64.7	68.3	74.2	76.4	77.4	79.7	80.2	80.2	80.3	80.8	80.8	80.9
2500		31.6	44.5	59.7	67.8	71.5	77.9	80.1	81.3	83.8	84.4	84.5	84.6	85.3	85.3	85.4
2000		33.5	46.5	62.8	71.7	75.6	82.1	84.4	85.5	88.3	89.0	89.1	89.2	89.9	89.9	90.0
1800		34.0	47.4	64.8	73.9	77.7	84.6	86.9	88.1	91.4	92.2	92.3	92.6	93.4	93.4	93.5
1500		34.9	48.3	66.1	75.6	79.4	86.3	88.7	89.9	93.3	94.0	94.3	94.6	95.4	95.4	95.5
1200		34.9	48.6	66.4	76.1	80.1	86.9	89.4	90.7	94.0	94.8	95.1	95.4	96.1	96.1	96.3
1000		35.0	48.9	66.9	76.7	80.6	87.7	90.4	91.6	95.0	95.7	96.0	96.4	97.1	97.1	97.2
900		35.1	49.1	67.5	77.2	81.2	88.3	91.0	92.3	95.6	96.4	96.7	97.0	97.8	97.8	97.9
800		35.1	49.1	67.5	77.2	81.2	88.3	91.1	92.4	95.7	96.5	96.8	97.1	97.9	97.9	98.0
700		35.1	49.1	67.6	77.3	81.3	88.4	91.2	92.5	95.8	96.6	96.9	97.2	98.0	98.0	98.1
600		35.1	49.1	67.6	77.3	81.3	88.4	91.2	92.5	95.9	96.7	97.0	97.3	98.2	98.2	98.3
500		35.1	49.1	67.8	77.5	81.5	88.7	91.4	92.7	96.1	96.9	97.2	97.5	98.4	98.4	98.5
400		35.1	49.1	67.8	77.5	81.5	88.7	91.4	92.7	96.1	96.9	97.2	97.5	98.4	98.4	98.5
300		35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	96.5	97.2	97.5	97.9	98.7	98.7	98.8
200		35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	96.6	97.4	97.8	98.1	98.9	98.9	99.1
100		35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	96.8	97.6	98.1	98.5	99.3	99.3	99.4
0		35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	96.8	97.8	98.3	98.7	99.7	99.7	100.0
		35.1	49.1	67.8	77.6	81.7	89.0	91.8	93.0	96.8	97.8	98.3	98.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 934

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94068 SANDHOFEN GERMANY/COLEMAN AAF 60-70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	≥ 0	≥ 1/4	≥ 1/2	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
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
≥ 20000	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
≥ 15000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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	66.8	69.2	71.0	71.2	72.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6
≥ 2500	41.8	52.2	63.5	68.3	70.4	72.9	74.8	75.0	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4
≥ 2000	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
≥ 1800	46.1	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	51.1	64.0	79.5	86.7	89.5	93.1	95.3	95.6	96.9	97.0	97.1	97.4	97.4	97.4	97.4	97.4
≥ 900	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
≥ 800	51.6	64.7	80.4	87.7	90.6	94.3	96.5	96.8	98.0	98.1	98.4	98.7	98.7	98.7	98.7	98.7
≥ 700	51.8	64.9	80.6	87.9	90.8	94.5	96.7	97.0	98.2	98.5	98.6	99.0	99.0	99.0	99.0	99.0
≥ 600	51.8	64.9	80.6	88.2	91.1	94.8	97.0	97.3	98.5	98.9	99.0	99.3	99.3	99.3	99.3	99.3
≥ 500	51.8	64.9	80.7	88.3	91.2	94.9	97.1	97.4	98.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 450	51.8	64.9	80.7	88.4	91.3	95.0	97.2	97.5	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5
≥ 400	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7
≥ 350	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.0	99.3	99.5	99.8	99.8	99.8	99.8	99.8
≥ 300	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 250	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 200	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 150	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 100	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 0	51.8	64.9	80.7	88.4	91.3	95.0	97.3	97.6	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 959

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAND-DPE: GERMANY/COLEMAN AAF 60-70 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	26.9	30.0	32.4	32.6	32.6	32.6	32.6	32.8	32.9	33.1	33.1	33.1	33.1	33.1	33.1	
	33.8	37.9	40.5	40.8	40.9	41.2	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	
	33.8	37.9	40.5	40.8	40.9	41.2	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	
	33.8	37.9	40.5	40.8	40.9	41.2	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	
	34.1	38.2	40.8	41.1	41.2	41.5	41.5	41.5	41.7	41.8	41.8	41.8	41.8	41.8	41.8	
	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	
	35.7	39.9	42.6	43.0	43.1	43.4	43.4	43.4	43.6	43.8	43.8	43.8	43.8	43.8	43.8	
	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	
	41.0	45.8	48.8	49.5	49.7	50.0	50.0	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	
	44.0	48.8	51.9	52.5	52.8	53.1	53.1	53.1	53.3	53.4	53.4	53.5	53.5	53.5	53.5	
	46.0	51.0	54.2	54.9	55.1	55.4	55.4	55.4	55.6	55.8	55.8	55.9	55.9	55.9	55.9	
	49.7	55.0	58.7	59.4	59.7	60.1	60.1	60.1	60.3	60.5	60.5	60.6	60.6	60.6	60.6	
	52.9	58.6	62.6	63.5	63.9	64.2	64.2	64.2	64.4	64.6	64.6	64.7	64.7	64.7	64.7	
	59.7	65.8	70.2	71.4	71.8	72.1	72.1	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	
	66.0	72.9	78.4	80.7	81.3	81.6	81.6	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	
	72.4	80.6	86.7	89.1	89.6	90.0	90.0	90.0	90.5	90.7	90.7	90.8	90.8	90.8	90.8	
	75.2	83.8	91.0	93.6	94.2	94.6	94.7	94.7	95.3	95.6	95.6	95.7	95.7	95.7	95.7	
	76.3	85.2	92.4	95.1	95.7	96.1	96.2	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1	
	76.4	85.4	92.6	95.4	96.0	96.4	96.6	96.6	97.2	97.5	97.5	97.6	97.6	97.6	97.6	
	76.6	85.8	93.1	96.0	96.5	97.0	97.2	97.2	97.9	98.1	98.1	98.4	98.4	98.4	98.4	
	76.7	85.9	93.6	96.5	97.0	97.7	97.9	97.9	98.5	98.7	98.9	99.0	99.0	99.0	99.0	
	76.9	86.2	94.2	97.0	97.7	98.3	98.5	98.5	99.2	99.4	99.6	99.7	99.7	99.7	99.7	
	76.9	86.2	94.2	97.0	97.7	98.3	98.5	98.5	99.2	99.4	99.6	99.7	99.7	99.7	99.7	
	76.9	86.2	94.2	97.0	97.7	98.3	98.5	98.5	99.2	99.4	99.6	99.7	99.7	99.7	99.7	
	76.9	86.3	94.4	97.2	97.9	98.5	98.7	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
	76.9	86.4	94.5	97.4	98.0	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 944

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MC

CEILING VERSUS VISIBILITY

3406B SAN DOUFEN GERMANY/COLEMAN AAF 60-72 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

29.7	30.5	31.3	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
41.3	42.4	43.1	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	
41.3	42.4	43.1	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	
41.3	42.4	43.1	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	
41.3	42.6	43.4	43.6	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	
42.7	44.0	44.8	45.0	45.0	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	
44.2	45.7	46.4	46.7	46.7	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	
45.7	47.1	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	
50.8	52.6	53.5	53.7	53.7	53.7	53.8	53.8	53.8	54.0	54.0	54.1	54.1	54.1	54.1	
55.3	57.5	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.9	58.9	59.2	59.2	59.2	59.2	
58.6	60.8	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.5	62.5	62.5	62.5	
63.0	65.4	66.5	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.6	67.6	67.6	67.6	
68.2	70.8	72.0	72.6	72.6	72.6	72.7	72.7	72.7	72.9	72.9	73.1	73.1	73.1	73.1	
74.6	77.8	79.1	80.0	80.0	80.0	80.1	80.1	80.1	80.4	80.4	80.6	80.7	80.7	80.7	
79.6	84.1	85.6	87.0	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.6	87.7	87.7	87.7	
84.3	89.9	91.7	93.4	93.4	93.4	93.5	93.5	93.5	93.7	93.7	94.0	94.1	94.1	94.1	
85.9	92.0	94.3	96.4	96.4	96.6	96.7	96.7	96.7	97.0	97.0	97.3	97.4	97.4	97.4	
86.3	92.5	95.0	97.1	97.1	97.4	97.5	97.5	97.5	97.8	97.8	98.0	98.1	98.1	98.1	
86.4	92.6	95.2	97.5	97.5	97.7	97.8	97.8	97.8	98.1	98.1	98.4	98.5	98.5	98.5	
86.7	92.9	95.7	98.0	98.0	98.6	98.8	98.8	98.8	99.1	99.1	99.3	99.5	99.5	99.5	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	
87.0	93.3	96.0	98.5	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 911

USAFETAC 0145 OL 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3406[illegible] SAN[illegible]GEN GERMANY/COLEMAN AAF 60-70 [illegible]Y

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

35.1	35.9	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	
44.9	46.1	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
44.9	46.1	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
45.0	46.3	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
45.7	47.0	47.7	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
47.7	49.1	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
51.6	53.1	53.9	54.0	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
53.7	55.3	56.1	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
59.9	62.3	63.1	63.3	63.3	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	
64.4	67.9	68.7	68.9	68.9	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
67.7	71.3	72.1	72.4	72.4	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
71.4	75.3	76.7	77.3	77.3	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
74.9	79.6	81.4	82.0	82.0	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
79.3	84.4	86.4	87.1	87.1	87.7	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
81.7	87.6	90.3	91.4	91.4	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
83.4	89.4	92.7	93.9	93.9	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
83.4	89.6	93.3	94.9	94.9	95.9	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
84.0	90.1	94.1	95.7	95.7	96.9	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
84.0	90.1	94.3	96.1	96.1	97.4	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
84.9	91.0	95.1	97.1	97.1	98.6	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
84.9	91.0	95.1	97.1	97.1	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
84.9	91.0	95.1	97.1	97.1	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
84.9	91.0	95.1	97.1	97.1	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
84.9	91.0	95.1	97.1	97.1	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
84.9	91.1	95.3	97.3	97.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 70[illegible]

USAFETAC [illegible] 0-14-5-OL [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN GERMANY/ENSHEIM AAF 60-63 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

	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	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
	15.5	15.5	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
	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
	20.4	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
	25.2	26.2	47.6	61.2	66.0	73.8	76.7	77.7	81.6	83.5	83.5	83.5	83.5	83.5	84.5
	25.2	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	82.5	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	51.5	67.0	71.8	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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 103

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DOPEN GERMANY/COLEMAN AAF 60-70 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]-[illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
200	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	46.3	46.3	46.3
300	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	54.6	54.8	54.8
400	23.1	27.2	36.5	42.8	46.9	50.0	52.4	52.6	53.1	54.5	54.7	54.7	54.7	54.7	54.9	54.9
500	23.1	27.2	36.5	42.8	46.9	50.0	52.4	52.6	53.1	54.5	54.6	54.7	54.7	54.7	54.9	54.9
600	23.1	27.2	36.6	42.9	47.0	50.2	52.6	52.9	53.3	54.7	54.8	54.9	54.9	54.9	55.1	55.1
700	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	55.8	56.1	56.1
800	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	56.6	56.8	56.8
900	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	59.2	59.5	59.5
1000	26.5	31.4	42.8	49.9	54.6	58.6	61.1	61.3	62.0	63.6	63.7	63.8	63.8	63.8	64.1	64.1
1100	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	68.7	68.9	68.9
1200	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	72.1	72.4	72.4
1300	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	78.1	78.3	78.3
1400	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	80.4	80.6	80.6
1500	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	84.0	84.2	84.2
1600	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	86.6	86.9	86.9
1700	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	89.2	89.4	89.4
1800	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	92.2	92.5	92.5
1900	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	95.3	95.5	95.5
2000	38.9	46.5	62.9	74.4	80.4	86.3	89.7	90.2	92.0	94.6	95.1	95.3	95.5	95.5	95.8	95.8
2100	39.2	46.9	63.5	75.6	81.7	87.9	91.3	92.0	93.8	96.9	97.5	97.7	97.9	97.9	98.2	98.2
2200	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	98.1	98.3	98.3
2300	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	98.5	98.7	98.7
2400	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	98.7	99.0	99.0
2500	39.3	47.3	63.9	76.0	82.2	88.5	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.1	99.3	99.3
2600	39.3	47.3	63.9	76.0	82.2	88.5	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.1	99.3	99.3
2700	39.3	47.3	63.9	76.0	82.2	88.5	92.0	92.8	94.6	97.8	98.4	98.6	99.1	99.1	99.3	99.3
2800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.2	99.2	99.4	99.4
2900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
3900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
4900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
5900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
6900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
7900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
8900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9100	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9200	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9300	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9400	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9500	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9600	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9700	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9800	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
9900	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	99.5
10000	39.3	47.3	63.9	76.0	82.2	88.6	92.1	92.9	94.7	97.9	98.5	98.7	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 876

USAFETAC [illegible] 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDBOSTEN GERMANY/GÜTERSLOH AAF 60-70 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	25.5	30.3	35.2	38.3	39.6	41.7	42.7	42.8	43.8	44.2	44.6	44.7	45.0	45.0	45.0
	29.0	34.6	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
	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
	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
	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
	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
	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
	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
	33.5	40.3	48.0	52.1	53.8	56.6	58.0	58.3	59.5	60.5	60.8	60.9	61.3	61.3	61.4
	35.8	42.9	51.0	55.6	57.3	60.1	61.6	61.8	63.1	64.2	64.5	64.6	64.9	64.9	65.0
	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
	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	72.6
	41.3	50.1	59.5	65.4	67.4	70.4	72.0	72.2	73.5	74.5	75.0	75.1	75.4	75.4	75.5
	42.5	51.3	61.3	67.9	69.1	72.0	74.1	74.3	75.6	76.7	77.3	77.5	77.8	77.8	77.9
	45.2	54.4	64.4	70.8	72.5	76.1	77.6	77.8	79.2	80.3	81.0	81.1	81.4	81.4	81.6
	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
	52.6	63.0	74.5	81.0	83.7	87.9	89.8	90.2	92.0	93.3	94.1	94.3	94.6	94.6	94.7
	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
	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
	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
	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
	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	99.4
900	54.5	65.2	77.3	84.8	87.3	91.9	94.2	94.6	96.7	98.1	98.8	99.1	99.5	99.5	99.6
800	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
700	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
600	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
500	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
400	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
300	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
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	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
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

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARLOUIS GERMANY/COLEMAN AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
		28.9	30.6	32.5	33.6	33.9	34.4	34.6	34.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1
		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
		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
		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
		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
		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
		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
		39.2	41.7	44.3	45.7	46.0	46.5	47.2	47.3	47.6	47.9	47.9	47.9	47.9	47.9	47.9
		43.6	46.3	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
		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
		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
		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
		56.0	59.8	64.4	66.0	66.5	67.7	68.5	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2
		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
		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
		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
		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
		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
		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
		76.6	82.0	90.9	93.7	94.6	96.0	97.6	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4
		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
		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
		76.9	82.3	91.3	94.2	95.4	96.9	98.7	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
		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
		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
		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
		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
		76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8
		76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9
		76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0
		76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0
		76.9	82.3	91.3	94.3	95.5	97.1	98.9	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 911

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24068 SANDHOFEN GERMANY/COLEMAN AAF 60-70 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	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
	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
	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
	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
4	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
	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
	43.9	45.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
	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
	51.1	53.2	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
	55.3	57.6	60.2	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
	59.1	61.8	64.3	64.6	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	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
	69.9	73.2	76.1	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	75.3	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
	79.9	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
	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
	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
2000	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
1800	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
1500	85.5	90.3	95.4	97.1	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1200	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA BRUEN GERMANY/COLEMAN AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

1300-2000

CEILING (FEET)																
		39.3	40.6	40.6	40.6	40.8	40.6	40.8	40.8	40.8	40.6	40.8	40.8	40.8	40.6	40.8
		49.9	51.5	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
		49.9	51.5	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
		49.9	51.5	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
		50.1	51.7	52.2	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
		51.0	52.6	53.1	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
		52.3	53.9	54.6	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
		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
		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
		66.5	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
		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	77.5	78.3	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
		77.0	81.1	82.0	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
		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
		83.3	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
		84.4	89.6	91.8	93.1	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
		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
		85.7	91.2	93.9	95.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
		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
		85.9	91.3	94.2	96.5	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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

TOTAL NUMBER OF OBSERVATIONS 523

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94068 SAARBRUCKEN GERMANY/COLEMAN AAF 62

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	≥7	6	5	4	3	2½	2	1½	1	¾	½	¼	0					
≥ 22000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 20000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 18000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 16000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 14000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 12000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 10000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 9000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 8000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 7000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 6000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 5000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 4500	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 4000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 3500	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 3000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 2500	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 2000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 1800	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 1600	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 1400	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 1200	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 1000	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 900	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 800	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 700	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 600	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 500	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 400	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 300	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 200	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 100	100	100	100	100	100	100	100	100	100	100	100	100	100					
≥ 0	100	100	100	100	100	100	100	100	100	100	100	100	100					

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 60-64 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
		6.6	13.2	17.9	21.7	21.7	25.5	27.4	27.4	29.2	29.2	29.2	29.2	31.1	31.1	37.1
		8.5	16.0	20.8	26.4	27.4	31.1	34.9	34.9	36.8	37.7	38.7	38.7	40.6	40.6	41.5
		8.5	16.0	20.9	26.4	28.3	32.1	35.8	35.8	37.7	38.7	39.6	39.6	41.5	41.5	42.5
		8.5	16.0	20.8	26.4	28.3	32.1	35.8	35.8	37.7	38.7	39.6	39.6	41.5	41.5	42.5
		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
		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
		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
		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
		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
		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
		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
		15.1	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
		16.0	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
		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
		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	86.8
		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	90.6
		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
		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
		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
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0
		21.7	31.1	46.2	60.4	68.9	81.1	85.8	86.8	93.4	95.3	97.2	97.2	99.1	99.1	100.0

CEILING (FEET): 22000, 20000, 18000, 16000, 14000, 12000, 10000, 9000, 8000, 7000, 6000, 5000, 4000, 3500, 3000, 2500, 2000, 1800, 1600, 1400, 1200, 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100, 0

TOTAL NUMBER OF OBSERVATIONS 106

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DOSEN GERMANY/COLEMAN AAF 60-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8
22000	15.4	21.5	27.6	32.5	34.7	38.7	40.9	41.8	42.6	43.1	43.3	43.6	43.6	43.6	43.6	44.2
20000	15.4	23.1	29.3	35.6	38.3	42.4	44.9	46.0	47.1	47.5	47.7	48.3	48.4	48.4	48.4	49.2
18000	15.4	23.1	29.8	35.6	38.3	42.4	44.9	46.0	47.1	47.5	47.8	48.3	48.4	48.4	48.4	49.2
16000	15.4	23.1	29.8	35.6	38.3	42.4	44.9	46.0	47.2	47.6	47.9	48.4	48.5	48.5	48.5	49.3
14000	15.7	23.5	30.1	36.1	38.9	42.9	45.5	46.5	47.8	48.2	48.4	49.0	49.1	49.1	49.1	49.9
12000	17.1	23.8	30.6	36.5	39.3	43.4	45.0	47.0	48.2	48.7	48.9	49.4	49.6	49.6	50.3	
10000	17.9	24.7	31.7	38.3	41.2	45.3	48.1	49.1	50.6	51.0	51.2	51.8	51.9	51.9	52.7	
9000	18.9	25.8	33.0	39.6	42.8	47.2	50.0	51.0	52.5	53.0	53.3	53.8	53.9	53.9	54.7	
8000	22.4	30.3	38.9	46.5	50.0	55.1	58.1	59.2	60.7	61.3	61.6	62.1	62.2	62.2	63.1	
7000	25.5	34.3	44.2	52.6	56.3	62.0	65.4	66.9	68.3	69.0	69.2	69.8	69.9	69.9	70.7	
6000	27.4	36.6	47.1	56.7	60.7	66.7	70.2	71.7	73.4	74.0	74.3	74.9	75.1	75.1	75.9	
5000	29.8	39.6	50.6	60.8	64.9	71.7	75.3	76.7	78.5	79.3	79.6	80.2	80.3	80.3	81.1	
4500	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	84.3	
4000	32.9	43.4	55.5	66.5	70.9	78.0	81.9	83.5	85.5	86.4	86.6	87.3	87.4	87.4	88.2	
3500	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	90.9	
3000	35.2	45.9	58.3	70.1	75.2	82.5	86.5	88.1	90.2	91.1	91.3	92.0	92.1	92.1	92.9	
2500	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	95.5	
2200	36.7	47.9	61.3	73.5	79.1	86.6	90.8	92.5	94.7	95.6	95.8	96.5	96.6	96.6	97.4	
2000	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	97.9	
1800	37.0	48.1	61.6	74.0	79.4	87.2	91.6	93.3	95.6	96.6	96.9	97.6	97.9	97.9	98.7	
1600	37.2	48.3	61.8	74.4	79.9	87.8	92.0	93.7	96.1	97.1	97.3	98.1	98.3	98.3	99.1	
1500	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.7	98.7	99.4	
1400	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.8	98.8	99.6	
1300	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.8	98.8	99.6	
1200	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.8	98.8	99.6	
1100	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.2	97.4	97.6	98.4	98.9	98.9	99.8	
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	98.9	98.9	99.8	
900	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	99.9	
800	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
700	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
600	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
500	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
400	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
300	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
200	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
100	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	
0	37.2	48.3	61.8	74.4	79.9	87.8	92.1	93.8	96.3	97.5	97.8	98.5	99.0	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM 0-14 SUPERSEDES PREVIOUS EDITION

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN[illegible] GERMANY/GULF AAF 60-70 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	[illegible]	[illegible]	3/4	[illegible]	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9
[illegible]	23.6	26.0	31.5	34.6	35.9	36.2	38.8	39.0	41.2	42.6	43.7	41.0	41.1	41.1	41.1	
[illegible]	23.3	29.6	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	
[illegible]	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	
[illegible]	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	
[illegible]	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	
[illegible]	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	
[illegible]	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	49.4	
[illegible]	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	51.8	
[illegible]	29.7	37.6	45.6	49.9	50.9	54.6	55.6	55.8	57.3	57.7	57.8	58.1	58.3	58.3	58.4	
[illegible]	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	64.5	
[illegible]	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	68.5	
[illegible]	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	74.1	
[illegible]	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	78.3	
[illegible]	42.8	53.3	64.0	70.6	72.6	76.5	78.2	78.5	80.1	80.7	80.8	81.1	81.3	81.3	81.4	
[illegible]	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	85.6	
[illegible]	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	90.7	
[illegible]	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	95.5	
[illegible]	52.9	65.2	77.6	86.0	88.2	92.3	94.1	94.4	96.2	96.8	96.9	97.2	97.4	97.4	97.5	
[illegible]	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	98.4	
[illegible]	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	99.3	
[illegible]	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	99.5	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.2	96.2	96.6	98.4	99.0	99.1	99.5	99.8	99.8	99.9	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.5	99.8	99.8	99.9	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.5	99.8	99.8	99.9	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.0	99.1	99.5	99.8	99.8	99.9	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.1	99.3	99.6	99.9	99.9	100.0	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.1	99.3	99.6	99.9	99.9	100.0	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.1	99.3	99.6	99.9	99.9	100.0	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.1	99.3	99.6	99.9	99.9	100.0	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.1	99.3	99.6	99.9	99.9	100.0	
[illegible]	53.6	65.9	78.5	87.5	90.0	94.3	96.2	96.6	98.4	99.1	99.3	99.6	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 935

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO, CALIFORNIA/LINDBERGH AFB 60-70 0-6

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

28.2	31.7	34.4	34.9	35.2	35.6	35.8	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	
33.3	37.4	41.9	41.6	41.9	42.5	42.7	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	
33.3	37.6	41.0	41.7	42.0	42.6	42.8	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	
33.4	37.7	41.2	41.8	42.1	42.7	42.9	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	
33.4	37.7	41.2	41.8	42.1	42.7	42.9	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	
34.0	38.2	41.7	42.4	42.7	43.2	43.4	43.6	43.8	43.9	43.9	43.9	43.9	43.9	43.9	
35.9	40.6	44.2	44.9	45.2	45.9	46.1	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	
37.0	41.7	45.3	46.0	46.3	46.9	47.2	47.3	47.5	47.7	47.7	47.7	47.7	47.7	47.7	
42.2	47.6	51.5	52.2	52.6	53.3	53.5	53.6	53.8	54.0	54.0	54.0	54.0	54.0	54.0	
47.1	52.6	57.0	57.8	58.2	59.0	59.2	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	
51.0	56.7	61.2	62.3	62.9	63.6	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	
57.2	63.4	68.4	69.6	70.3	71.2	71.4	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	
60.5	67.1	72.5	74.3	74.9	75.8	76.0	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	
64.6	72.2	78.6	80.2	81.2	82.0	82.2	82.3	82.6	83.0	83.0	83.0	83.0	83.0	83.0	
71.1	77.5	84.2	85.9	86.7	87.7	87.9	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	
75.8	83.5	90.4	92.1	92.9	93.9	94.1	94.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	
76.3	84.5	91.4	93.4	94.2	95.3	95.5	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	
77.2	85.8	92.7	95.1	95.9	96.9	97.2	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	
77.5	86.4	93.6	95.9	96.7	97.8	98.0	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	
77.5	86.7	94.2	96.5	97.6	98.8	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34006 SAN DIEGO BERMUDEZ/COLEMAN AAF 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	32.9	4.4	35.4	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	
	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	
	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	
	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	
	40.2	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	
	42.8	44.6	46.2	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	
	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	
	45.2	47.1	48.8	48.8	48.8	48.8	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	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
	58.0	60.8	62.7	62.8	62.9	62.9	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
	62.4	65.1	67.2	67.6	67.6	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
	67.5	70.7	73.2	73.7	73.8	73.9	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
	71.3	74.6	77.4	78.0	78.1	78.2	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
	76.5	79.8	82.8	83.4	83.6	83.7	83.9	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	
	82.7	86.4	89.9	90.6	90.7	90.8	91.0	91.0	91.3	91.3	91.4	91.5	91.5	91.5	91.5	
	85.9	90.4	94.2	94.8	94.9	95.0	95.2	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	
	86.5	91.3	95.1	95.9	96.3	96.5	96.7	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	
	87.4	92.2	96.1	96.9	97.3	97.6	98.0	98.1	98.5	98.5	98.8	98.8	98.8	98.8	98.8	
	87.4	92.2	96.3	97.2	97.5	97.8	98.2	98.3	98.9	98.8	99.0	99.0	99.0	99.0	99.0	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
	87.6	92.4	97.2	98.1	98.4	98.8	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
400	87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
400	87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
300	87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
200	87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
100	87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
0	87.6	92.4	97.2	98.1	98.4	98.9	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 862

[illegible]
USAF ETAC
AIR [illegible]

3406P [illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

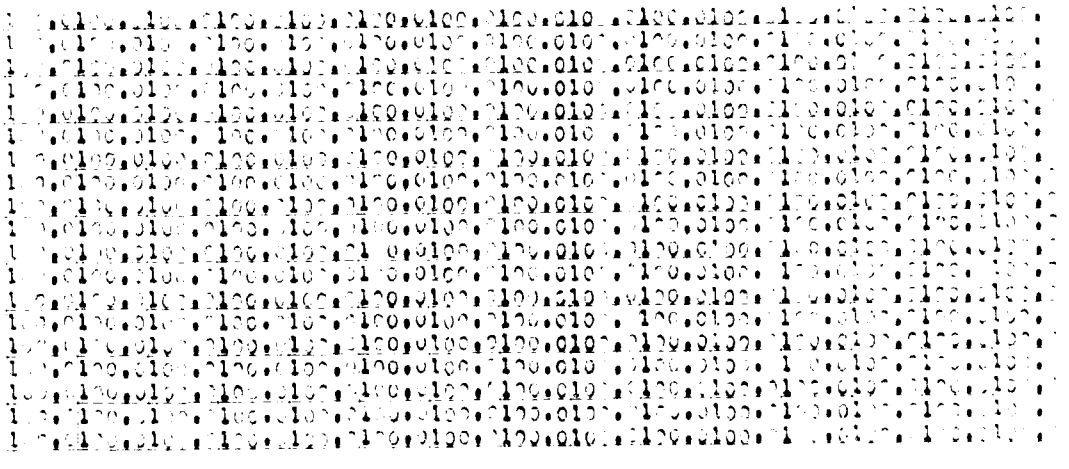
53.9	41.3	42.2	42.3	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
44.6	47.5	48.7	49.2	49.5	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
45.1	47.5	48.7	49.3	49.6	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
45.2	47.5	48.7	49.3	49.6	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
45.2	47.7	48.9	49.5	49.8	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
47.1	48.9	51.1	52.3	53.1	53.4	53.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
48.3	51.1	52.3	53.1	53.4	53.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
51.4	53.2	54.5	55.3	55.9	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
58.8	58.6	61.2	61.4	61.7	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
64.8	64.7	66.8	68.1	68.3	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
68.5	70.1	72.3	73.5	74.1	74.7	74.9	75.0	75.1	75.0	75.0	75.0	75.0	75.1	75.1
73.8	75.9	78.3	80.1	80.3	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
77.4	80.3	83.1	84.5	85.2	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
81.7	84.2	87.2	88.6	89.1	89.7	89.8	90.0	90.1	90.2	90.2	90.0	90.0	90.2	90.2
84.5	86.6	91.6	93.3	93.7	94.3	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
85.1	90.4	93.4	95.1	95.7	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
86.2	90.9	94.1	96.3	96.9	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
87.8	91.5	94.8	97.2	97.8	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
87.6	91.6	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
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.
88.8	92.2	95.7	98.1	98.7	99.3	99.7	99.9	100.	100.	100.	100.	100.	100.	100.

TOTAL NUMBER OF OBSERVATIONS 669

[illegible]

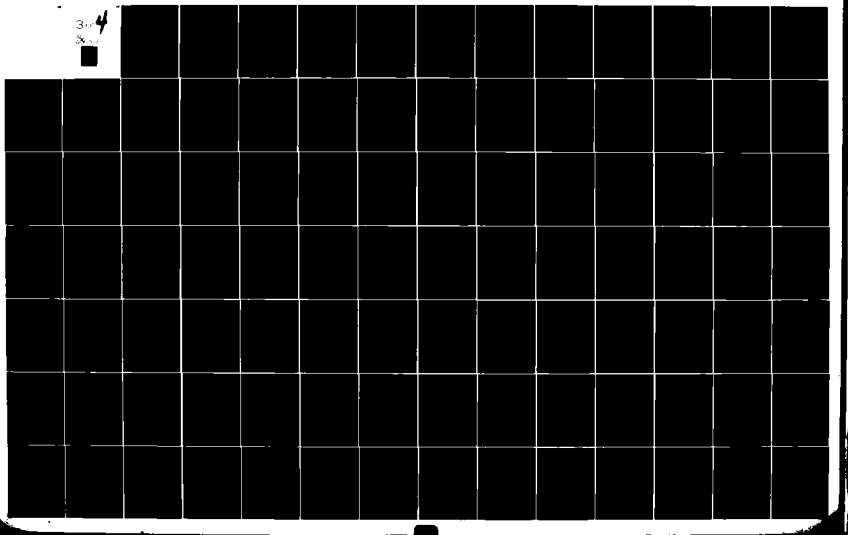
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

AD-A087 816 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SANDHOFEN GERMANY/COLEMAN AAF. REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
FEB 72
UNCLASSIFIED USAFETAC/DS-80/056 NL



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-64 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0900

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥M	≥0
NO CEILING		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	36.2
≥ 20000		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	42.5
≥ 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	42.5
≥ 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	42.5
≥ 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	42.5
≥ 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	43.3
≥ 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	44.1
≥ 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	44.9
≥ 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	53.5
≥ 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	57.5
≥ 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	64.6
≥ 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	70.1
≥ 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	75.6
≥ 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	80.3
≥ 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	85.0
≥ 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	89.8
≥ 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	92.9	92.9	93.7
≥ 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	93.7	93.7	94.5
≥ 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	94.5	94.5	95.3
≥ 1500		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.1	96.9	96.9	97.6	97.6	98.4
≥ 1200		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.1	96.9	96.9	97.6	97.6	98.4
≥ 1000		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	97.6	98.4	98.4	99.2
≥ 900		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	97.6	98.4	98.4	99.2
≥ 800		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	97.6	98.4	98.4	99.2
≥ 700		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	97.6	98.4	98.4	99.2
≥ 600		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0
≥ 500		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0
≥ 400		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0
≥ 300		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0
≥ 200		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0
≥ 100		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0
≥ 0		35.4	44.1	56.7	69.3	77.2	84.3	88.2	88.2	94.5	96.9	97.6	98.4	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 127

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) AVG (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500		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
≥ 1200		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
≥ 1000		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
≥ 900		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
≥ 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
≥ 700		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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

34068 (STATION) SA D[illegible]FEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEAR) AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥¼	≥0
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
≥ 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
≥ 12000		23.8	29.0	37.6	42.2	44.3	47.2	49.1	50.0	50.9	51.1	51.2	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
≥ 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		29.8	36.4	45.8	51.4	54.0	57.1	59.7	60.6	61.5	61.9	62.0	62.6	62.8	62.8	62.8
≥ 7000		32.8	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
≥ 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
≥ 4000		40.2	49.3	60.9	68.3	71.0	75.5	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
≥ 3000		45.4	55.0	67.5	75.3	78.4	83.0	86.7	87.5	89.0	89.6	89.7	90.3	90.5	90.5	90.5
≥ 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
≥ 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
≥ 1500		48.0	58.6	71.9	80.4	83.8	88.6	92.4	93.2	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
≥ 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
≥ 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	90.5	94.4	95.5	97.2	98.3	98.5	99.0	99.2	99.2	99.3
≥ 600		48.2	58.9	72.5	81.6	85.1	90.5	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	90.6	94.5	95.6	97.3	98.4	98.6	99.2	99.3	99.3	99.6
≥ 400		48.2	58.9	72.5	81.6	85.1	90.6	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	90.6	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.7	99.8
≥ 200		48.2	58.9	72.5	81.6	85.1	90.6	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	90.6	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.7	99.8
≥ 0		48.2	58.9	72.5	81.6	85.1	90.6	94.5	95.6	97.3	98.5	98.7	99.3	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1090

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING		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
≥ 20000		32.1	35.8	40.1	42.0	42.5	43.2	43.5	43.7	44.0	44.2	44.2	44.2	44.3	44.3	44.3
≥ 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		55.1	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	94.2	95.1	96.6	97.6	97.8	98.9	99.4	99.6	99.8	99.9	99.9	99.9
≥ 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

24068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) ANG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥⅛	≥0
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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000		48.7	51.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1200		85.2	90.5	95.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		85.2	90.5	95.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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		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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 987

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 12000		46.0	48.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 3000		84.4	88.7	93.1	95.2	95.7	96.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 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
≥ 2000		85.2	89.5	94.6	97.0	97.6	98.3	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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		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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SM L-LFEB GERMANY/COLEMAN AAF 60-64 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	≥0	
NO CEILING		14.0	18.4	25.4	28.1	29.8	38.6	41.2	41.2	44.7	45.6	46.5	47.4	51.8	51.6	55.3
≥ 20000		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
≥ 15000		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
≥ 12000		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
≥ 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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		18.4	23.7	31.6	36.8	39.5	50.0	52.6	52.6	56.1	57.0	57.9	58.8	64.0	64.0	67.5
≥ 4500		18.4	25.4	34.2	41.2	43.9	55.3	58.8	58.8	62.3	63.2	64.0	64.9	70.2	70.2	73.7
≥ 4000		19.3	27.2	38.6	45.6	48.2	59.6	64.0	64.0	67.5	68.4	69.3	70.2	75.4	75.4	78.9
≥ 3500		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
≥ 3000		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
≥ 2900		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
≥ 2800		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
≥ 2700		19.3	28.1	40.4	48.2	50.9	65.8	71.9	71.9	76.3	77.2	78.1	78.9	84.2	84.2	88.6
≥ 2600		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
≥ 2500		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
≥ 2400		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
≥ 2200		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
≥ 2000		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
≥ 1800		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
≥ 1600		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
≥ 1400		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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	99.1
≥ 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	99.1
≥ 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) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING		10.7	13.9	16.9	21.4	22.4	26.9	30.0	30.9	34.7	36.4	37.0	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	23.0	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	23.0	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	17.4	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		14.5	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		15.6	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	85.8
≥ 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	36.9	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/MAC

CEILING VERSUS VISIBILITY

34008 (STATION NUMBER) SAARBRUECKEN GERMANY/GOLLENBERG AAF (STATION NAME) 59-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (LOCAL STANDARD TIME)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥⅛	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 7000		25.0	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
≥ 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
≥ 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
≥ 4500		28.2	34.2	46.4	55.5	60.4	65.2	69.3	70.3	73.2	74.6	75.6	76.5	77.2	77.4	78.2
≥ 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
≥ 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
≥ 3000		32.7	39.4	52.7	62.8	67.7	73.0	77.4	78.6	82.0	83.4	84.4	85.3	86.1	86.3	87.1
≥ 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
≥ 2000		33.9	40.9	54.9	65.3	70.4	75.9	81.1	82.6	86.6	88.4	89.4	90.4	91.2	91.4	92.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800		34.4	41.6	56.3	66.9	72.4	78.3	84.4	86.0	90.5	92.4	93.6	94.6	95.4	95.6	96.4
≥ 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
≥ 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	96.3	96.5	97.3
≥ 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	96.5	96.7	97.5
≥ 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
≥ 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
≥ 200		34.4	41.6	56.3	66.9	72.5	78.5	84.7	86.6	91.3	93.4	94.7	95.9	97.2	97.4	99.5
≥ 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
≥ 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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 59-72 SEP

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

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	*
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
≥ 20000		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
≥ 18000		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
≥ 16000		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
≥ 14000		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
≥ 12000		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
≥ 11000		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
≥ 10000		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
≥ 9000		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
≥ 8000		40.3	46.5	55.9	59.7	61.5	63.3	64.8	65.4	66.9	67.5	68.0	68.6	69.0	69.0	69.2
≥ 7000		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
≥ 6000		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
≥ 5000		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
≥ 4500		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
≥ 4000		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
≥ 3500		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
≥ 3000		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
≥ 2500		59.2	66.8	78.8	84.8	86.9	89.6	91.5	92.1	94.1	94.8	95.3	96.0	96.4	96.4	96.6
≥ 2000		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
≥ 1800		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
≥ 1500		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
≥ 1200		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
≥ 1000		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
≥ 900		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
≥ 800		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
≥ 700		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
≥ 600		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
≥ 500		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
≥ 400		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
≥ 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
≥ 200		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
≥ 100		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
≥ 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/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO/MIRAMAR NAF 59-72 SEP

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0		
NO CEILING	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
≥ 22000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	48.1	54.1	59.0	60.7	61.3	62.7	63.5	63.6	63.6	63.9	64.0	64.0	64.3	64.3	64.3
≥ 8000	52.1	58.4	63.7	65.6	66.1	67.5	68.5	68.6	68.6	68.8	68.9	68.9	69.4	69.4	69.4
≥ 7000	54.7	61.4	67.0	69.2	69.9	71.4	72.4	72.5	72.5	72.7	72.8	72.8	73.3	73.3	73.3
≥ 6000	58.4	65.7	71.5	73.9	74.7	76.2	77.2	77.3	77.3	77.5	77.6	77.6	78.0	78.0	78.0
≥ 5000	61.5	68.8	74.9	77.3	78.1	79.7	80.7	80.8	80.8	81.1	81.2	81.2	81.6	81.6	81.6
≥ 4500	65.5	72.9	79.3	81.7	82.7	84.2	85.3	85.4	85.4	85.6	85.7	85.7	86.1	86.1	86.1
≥ 4000	67.4	74.9	81.6	84.2	85.2	86.7	87.8	87.9	87.9	88.1	88.2	88.2	88.6	88.6	88.6
≥ 3500	70.7	78.5	85.6	88.2	89.2	90.7	91.8	91.9	91.9	92.1	92.2	92.2	92.6	92.6	92.6
≥ 3000	71.6	79.7	87.2	90.4	91.3	93.0	94.0	94.2	94.3	94.5	94.6	94.6	95.0	95.0	95.0
≥ 2500	72.8	81.0	88.9	92.4	93.4	95.1	96.3	96.4	96.5	96.8	96.9	96.9	97.3	97.3	97.3
≥ 2000	72.9	81.1	89.3	93.0	94.0	95.8	97.0	97.1	97.2	97.4	97.5	97.5	97.9	97.9	97.9
≥ 1800	72.9	81.1	89.3	93.2	94.3	96.0	97.2	97.3	97.4	97.6	97.7	97.7	98.2	98.2	98.2
≥ 1500	72.9	81.1	89.5	93.7	94.8	96.5	97.8	97.9	98.1	98.3	98.5	98.6	99.0	99.0	99.0
≥ 1200	73.1	81.2	89.6	93.9	95.1	96.9	98.2	98.3	98.4	98.6	98.9	98.9	99.4	99.4	99.4
≥ 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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	99.8	99.8
≥ 400	73.1	81.2	89.6	94.0	95.3	97.1	98.5	98.7	98.8	99.0	99.3	99.6	100.0	100.0	100.0
≥ 300	73.1	81.2	89.6	94.0	95.3	97.1	98.5	98.7	98.8	99.0	99.3	99.6	100.0	100.0	100.0
≥ 200	73.1	81.2	89.6	94.0	95.3	97.1	98.5	98.7	98.8	99.0	99.3	99.6	100.0	100.0	100.0
≥ 100	73.1	81.2	89.6	94.0	95.3	97.1	98.5	98.7	98.8	99.0	99.3	99.6	100.0	100.0	100.0
≥ 0	73.1	81.2	89.6	94.0	95.3	97.1	98.5	98.7	98.8	99.0	99.3	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUCKEN GERMANY/COLEMAN AAF 60-70 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ 4	≥ 3	≥ [illegible]	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	[illegible]	[illegible]	≥ 0	
[illegible]		38.[illegible]	43.2	45.3	49.[illegible]	49.7	50.9	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
≥ [illegible]		43.4	49.1	51.6	55.7	56.6	57.7	58.5	58.8	58.8	58.8	58.9	59.0	59.3	59.3	59.3
≥ [illegible]		43.6	49.3	51.7	55.8	56.7	57.8	58.7	59.0	59.[illegible]	59.0	59.[illegible]	59.1	59.4	59.4	59.4
≥ [illegible]		43.9	49.7	52.1	56.3	57.1	58.3	59.1	59.4	59.4	59.4	59.4	59.5	59.8	59.8	59.8
≥ 4000		44.2	50.0	52.4	56.6	57.4	58.5	59.4	59.7	59.7	59.7	59.7	59.8	60.1	60.1	60.1
≥ [illegible]		44.3	50.4	52.8	57.[illegible]	57.8	59.0	59.8	60.1	60.1	60.1	60.1	60.3	60.5	60.5	60.5
≥ [illegible]		46.7	53.3	56.1	60.3	61.1	62.3	63.1	63.4	63.4	63.4	63.4	63.5	63.8	63.8	63.8
≥ [illegible]		48.9	55.7	58.5	62.7	63.5	64.8	65.8	66.2	66.2	66.2	66.2	66.4	66.8	66.8	66.8
≥ 900		52.0	59.4	62.7	67.4	68.2	69.5	70.7	71.1	71.1	71.1	71.1	71.2	71.7	71.7	71.7
≥ 700		54.3	62.1	65.8	70.5	71.4	72.6	73.9	74.4	74.4	74.4	74.4	74.5	74.9	74.9	74.9
≥ 600		55.8	64.4	69.1	74.1	74.9	76.4	77.5	77.9	77.9	77.9	77.9	78.1	78.5	78.5	78.5
≥ 500		59.7	69.1	74.2	79.5	80.3	81.9	83.0	83.5	83.5	83.5	83.5	83.6	84.[illegible]	84.[illegible]	84.[illegible]
≥ 450		62.4	72.4	78.1	83.[illegible]	84.6	86.3	87.5	87.9	87.9	87.9	87.9	88.0	88.5	88.5	88.5
≥ 400		64.2	74.4	80.5	86.[illegible]	87.[illegible]	88.7	89.9	90.3	90.3	90.3	90.3	90.5	90.9	90.9	90.9
≥ [illegible]		65.4	75.8	82.2	88.[illegible]	89.[illegible]	90.7	91.9	92.3	92.3	92.3	92.3	92.5	92.9	92.9	92.9
≥ [illegible]		66.7	77.8	84.3	90.3	91.5	93.2	94.4	94.9	94.9	94.9	94.9	95.0	95.4	95.4	95.4
≥ 2500		67.7	79.1	85.8	92.2	93.4	95.2	96.4	96.9	96.9	96.9	96.9	97.0	97.4	97.4	97.4
≥ 2000		67.9	79.5	86.2	92.6	93.9	95.6	96.9	97.3	97.3	97.3	97.3	97.4	97.9	97.9	97.9
≥ 1800		68.2	79.8	86.5	92.9	94.2	95.9	97.2	97.6	97.6	97.6	97.6	97.7	98.1	98.1	98.1
≥ 1500		68.2	79.8	86.5	92.9	94.3	96.2	97.4	97.9	97.9	97.9	97.9	98.0	98.4	98.4	98.4
≥ 1200		68.2	79.8	86.6	93.[illegible]	94.4	96.6	98.3	98.7	98.7	98.7	98.7	98.9	99.3	99.3	99.3
≥ 1000		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 900		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 800		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 700		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 600		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 500		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 400		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 300		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 200		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 100		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0
≥ 0		68.2	79.8	86.6	93.2	94.6	96.7	98.6	99.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SANDOFEN GERMANY/COLEMAN AAF 63 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼	0
NO CEILING														
≥ 22000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 11000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN ANGELO GERMANY/GOLEMAN AAF 61-64 GMT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥¼	≥¼	≥0
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
≥ 20000		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
≥ 18000		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
≥ 16000		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
≥ 14000		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
≥ 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
≥ 10000		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
≥ 9000		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
≥ 8000		8.2	11.3	18.6	22.7	26.8	34.0	36.1	36.1	39.2	42.3	43.3	46.4	46.4	46.4	48.5
≥ 7000		8.2	11.3	19.6	23.7	27.8	35.1	37.1	37.1	40.2	44.3	45.4	48.5	48.5	48.5	50.5
≥ 6000		9.3	12.4	21.6	25.8	29.9	38.1	40.2	40.2	44.3	48.5	49.5	52.6	52.6	52.6	54.6
≥ 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	60.8
≥ 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
≥ 4000		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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1800		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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	87.6	87.6	89.7
≥ 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	88.7	88.7	92.8
≥ 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	89.7	89.7	100.0

TOTAL NUMBER OF OBSERVATIONS 97

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SA DROFEN GERMANY/GULEMAN AAF 59-72 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	0
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
≥ 20000		5.9	8.0	10.4	14.9	17.1	19.5	21.5	22.3	25.6	27.3	28.3	29.7	31.4	32.0	36.5
≥ 15000		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
≥ 10000		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
≥ 9000		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
≥ 8000		5.9	8.0	10.5	15.0	17.2	19.8	21.8	22.6	25.9	27.6	28.6	30.0	31.7	32.3	36.8
≥ 7000		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
≥ 6000		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
≥ 5000		6.9	9.8	13.1	18.1	20.4	23.6	26.0	26.9	31.7	32.7	33.8	35.1	36.8	37.4	42.4
≥ 4500		8.4	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
≥ 4000		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
≥ 3500		10.3	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
≥ 3000		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
≥ 2500		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
≥ 2000		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
≥ 1800		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
≥ 1500		16.4	22.6	30.9	39.6	43.1	49.6	53.6	54.6	59.5	63.6	64.9	66.7	68.5	69.2	74.2
≥ 1200		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
≥ 1000		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
≥ 900		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
≥ 800		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
≥ 700		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
≥ 600		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
≥ 500		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
≥ 400		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
≥ 300		17.3	24.4	34.4	44.2	48.1	55.7	61.1	62.4	68.1	73.1	74.6	76.5	78.5	79.2	84.3
≥ 200		17.3	24.4	34.4	44.2	48.1	55.7	61.3	62.5	68.2	73.4	75.2	77.2	79.4	80.0	85.2
≥ 100		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
≥ 0		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
		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
		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
		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/MAC

CEILING VERSUS VISIBILITY

34068 STATION SA DROPEN GERMANY/COLEMAN AAF STATION NAME 59-76 YEARS OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥¼ ^	≥0
NO CEILING		6.8	8.5	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	32.8	33.2	34.3	34.3	35.8
≥ 18000		8.1	10.3	15.0	19.3	21.2	23.7	27.7	28.4	30.7	32.3	32.8	33.2	34.3	34.3	35.8
≥ 16000		8.1	10.3	15.0	19.3	21.2	23.7	27.7	28.4	30.7	32.3	32.8	33.2	34.3	34.3	35.8
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	82.9
≥ 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	82.8	82.8	84.3
≥ 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
≥ 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
≥ 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
≥ 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	86.4
≥ 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	86.4	88.2
≥ 400		19.5	26.6	41.4	51.2	55.0	61.7	69.4	71.3	77.5	82.3	83.8	85.1	87.1	87.3	89.8
≥ 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	88.9	93.1
≥ 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	90.3	96.3
≥ 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	90.9	99.5
≥ 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	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1032

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARLOUIS GERMANY/COLEMAN AAF 59-70 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	
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	35.4
≥ 20000		16.8	18.9	25.1	29.7	31.2	34.0	35.7	36.5	37.2	39.1	39.6	40.4	41.2	41.2	41.6
≥ 18000		16.9	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	41.7
≥ 16000		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
≥ 14000		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
≥ 12000		17.4	19.5	26.1	30.8	32.4	35.2	37.0	37.7	38.5	40.4	40.9	41.7	42.5	42.5	43.2
≥ 10000		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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		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
≥ 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
≥ 4000		29.5	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
≥ 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
≥ 3000		34.7	40.1	52.0	60.5	62.5	66.3	68.9	69.8	71.3	73.6	74.4	75.3	76.2	76.2	76.9
≥ 2500		36.6	42.5	56.2	65.7	67.7	71.8	74.7	75.7	77.4	79.7	80.5	81.4	82.3	82.3	83.0
≥ 2000		37.8	44.2	58.1	68.1	70.1	74.2	77.2	78.2	80.0	82.1	84.1	85.0	85.9	85.9	86.6
≥ 1800		37.8	44.6	58.6	68.7	70.7	75.1	78.3	79.6	81.5	83.8	84.8	85.7	86.6	86.6	87.3
≥ 1500		37.8	45.1	59.3	69.7	71.8	76.3	79.6	80.9	83.0	85.4	86.4	87.3	88.2	88.2	88.9
≥ 1200		37.9	45.3	59.7	70.5	72.7	77.2	80.7	82.2	84.5	87.0	87.9	88.8	89.8	89.8	90.5
≥ 1000		37.9	45.3	59.7	70.6	72.8	77.3	81.1	82.6	85.0	87.7	88.5	89.7	90.7	90.7	91.4
≥ 900		38.0	45.4	59.9	71.0	73.2	77.9	81.6	83.1	85.5	88.3	89.0	90.3	91.3	91.3	92.2
≥ 800		38.0	45.4	59.9	71.1	73.3	78.1	81.8	83.3	85.8	88.6	90.0	90.9	91.9	91.9	92.6
≥ 700		38.0	45.4	59.9	71.1	73.3	78.2	82.0	83.6	86.2	89.3	90.5	91.4	92.4	92.4	93.1
≥ 600		38.0	45.6	60.1	71.2	73.5	78.4	82.2	83.8	86.6	89.7	91.2	92.1	93.1	93.1	93.8
≥ 500		38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.5	87.5	91.1	92.7	93.7	95.1	95.1	95.8
≥ 400		38.0	45.9	60.2	71.4	73.6	78.5	82.7	84.5	87.7	91.8	93.8	94.9	96.3	96.3	97.2
≥ 300		38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.6	87.9	92.3	94.2	95.7	97.3	97.3	98.3
≥ 200		38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.6	87.9	92.3	94.3	96.0	98.0	98.3	99.3
≥ 100		38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.6	88.2	92.6	94.6	96.3	98.3	98.6	100.0
≥ 0		38.0	45.6	60.2	71.4	73.6	78.5	82.7	84.6	88.2	92.6	94.6	96.3	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1204

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34060 SAN DIEGO/MARINE CORPS AIR STATION, CALIFORNIA 32-76 PCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING (FEET) | ≥ 0 | ≥ 100 | ≥ 150 | ≥ 200 | ≥ 300 | ≥ 400 | ≥ 500 | ≥ 600 | ≥ 700 | ≥ 800 | ≥ 900 | ≥ 1000 | ≥ 1100 | ≥ 1200 | ≥ 1300 | ≥ 1400 | ≥ 1500 | ≥ 1600 | ≥ 1700 | ≥ 1800 | ≥ 1900 | ≥ 2000 | ≥ 2100 | ≥ 2200 | ≥ 2300 | ≥ 2400 | ≥ 2500 | ≥ 2600 | ≥ 2700 | ≥ 2800 | ≥ 2900 | ≥ 3000 | ≥ 3100 | ≥ 3200 | ≥ 3300 | ≥ 3400 | ≥ 3500 | ≥ 3600 | ≥ 3700 | ≥ 3800 | ≥ 3900 | ≥ 4000 | ≥ 4100 | ≥ 4200 | ≥ 4300 | ≥ 4400 | ≥ 4500 | ≥ 4600 | ≥ 4700 | ≥ 4800 | ≥ 4900 | ≥ 5000 | ≥ 5100 | ≥ 5200 | ≥ 5300 | ≥ 5400 | ≥ 5500 | ≥ 5600 | ≥ 5700 | ≥ 5800 | ≥ 5900 | ≥ 6000 | ≥ 6100 | ≥ 6200 | ≥ 6300 | ≥ 6400 | ≥ 6500 | ≥ 6600 | ≥ 6700 | ≥ 6800 | ≥ 6900 | ≥ 7000 | ≥ 7100 | ≥ 7200 | ≥ 7300 | ≥ 7400 | ≥ 7500 | ≥ 7600 | ≥ 7700 | ≥ 7800 | ≥ 7900 | ≥ 8000 | ≥ 8100 | ≥ 8200 | ≥ 8300 | ≥ 8400 | ≥ 8500 | ≥ 8600 | ≥ 8700 | ≥ 8800 | ≥ 8900 | ≥ 9000 | ≥ 9100 | ≥ 9200 | ≥ 9300 | ≥ 9400 | ≥ 9500 | ≥ 9600 | ≥ 9700 | ≥ 9800 | ≥ 9900 | ≥ 10000 | ≥ 10100 | ≥ 10200 | ≥ 10300 | ≥ 10400 | ≥ 10500 | ≥ 10600 | ≥ 10700 | ≥ 10800 | ≥ 10900 | ≥ 11000 | ≥ 11100 | ≥ 11200 | ≥ 11300 | ≥ 11400 | ≥ 11500 | ≥ 11600 | ≥ 11700 | ≥ 11800 | ≥ 11900 | ≥ 12000 | ≥ 12100 | ≥ 12200 | ≥ 12300 | ≥ 12400 | ≥ 12500 | ≥ 12600 | ≥ 12700 | ≥ 12800 | ≥ 12900 | ≥ 13000 | ≥ 13100 | ≥ 13200 | ≥ 13300 | ≥ 13400 | ≥ 13500 | ≥ 13600 | ≥ 13700 | ≥ 13800 | ≥ 13900 | ≥ 14000 | ≥ 14100 | ≥ 14200 | ≥ 14300 | ≥ 14400 | ≥ 14500 | ≥ 14600 | ≥ 14700 | ≥ 14800 | ≥ 14900 | ≥ 15000 | ≥ 15100 | ≥ 15200 | ≥ 15300 | ≥ 15400 | ≥ 15500 | ≥ 15600 | ≥ 15700 | ≥ 15800 | ≥ 15900 | ≥ 16000 | ≥ 16100 | ≥ 16200 | ≥ 16300 | ≥ 16400 | ≥ 16500 | ≥ 16600 | ≥ 16700 | ≥ 16800 | ≥ 16900 | ≥ 17000 | ≥ 17100 | ≥ 17200 | ≥ 17300 | ≥ 17400 | ≥ 17500 | ≥ 17600 | ≥ 17700 | ≥ 17800 | ≥ 17900 | ≥ 18000 | ≥ 18100 | ≥ 18200 | ≥ 18300 | ≥ 18400 | ≥ 18500 | ≥ 18600 | ≥ 18700 | ≥ 18800 | ≥ 18900 | ≥ 19000 | ≥ 19100 | ≥ 19200 | ≥ 19300 | ≥ 19400 | ≥ 19500 | ≥ 19600 | ≥ 19700 | ≥ 19800 | ≥ 19900 | ≥ 20000 | ≥ 20100 | ≥ 20200 | ≥ 20300 | ≥ 20400 | ≥ 20500 | ≥ 20600 | ≥ 20700 | ≥ 20800 | ≥ 20900 | ≥ 21000 | ≥ 21100 | ≥ 21200 | ≥ 21300 | ≥ 21400 | ≥ 21500 | ≥ 21600 | ≥ 21700 | ≥ 21800 | ≥ 21900 | ≥ 22000 | ≥ 22100 | ≥ 22200 | ≥ 22300 | ≥ 22400 | ≥ 22500 | ≥ 22600 | ≥ 22700 | ≥ 22800 | ≥ 22900 | ≥ 23000 | ≥ 23100 | ≥ 23200 | ≥ 23300 | ≥ 23400 | ≥ 23500 | ≥ 23600 | ≥ 23700 | ≥ 23800 | ≥ 23900 | ≥ 24000 | ≥ 24100 | ≥ 24200 | ≥ 24300 | ≥ 24400 | ≥ 24500 | ≥ 24600 | ≥ 24700 | ≥ 24800 | ≥ 24900 | ≥ 25000 | ≥ 25100 | ≥ 25200 | ≥ 25300 | ≥ 25400 | ≥ 25500 | ≥ 25600 | ≥ 25700 | ≥ 25800 | ≥ 25900 | ≥ 26000 | ≥ 26100 | ≥ 26200 | ≥ 26300 | ≥ 26400 | ≥ 26500 | ≥ 26600 | ≥ 26700 | ≥ 26800 | ≥ 26900 | ≥ 27000 | ≥ 27100 | ≥ 27200 | ≥ 27300 | ≥ 27400 | ≥ 27500 | ≥ 27600 | ≥ 27700 | ≥ 27800 | ≥ 27900 | ≥ 28000 | ≥ 28100 | ≥ 28200 | ≥ 28300 | ≥ 28400 | ≥ 28500 | ≥ 28600 | ≥ 28700 | ≥ 28800 | ≥ 28900 | ≥ 29000 | ≥ 29100 | ≥ 29200 | ≥ 29300 | ≥ 29400 | ≥ 29500 | ≥ 29600 | ≥ 29700 | ≥ 29800 | ≥ 29900 | ≥ 30000 | ≥ 30100 | ≥ 30200 | ≥ 30300 | ≥ 30400 | ≥ 30500 | ≥ 30600 | ≥ 30700 | ≥ 30800 | ≥ 30900 | ≥ 31000 | ≥ 31100 | ≥ 31200 | ≥ 31300 | ≥ 31400 | ≥ 31500 | ≥ 31600 | ≥ 31700 | ≥ 31800 | ≥ 31900 | ≥ 32000 | ≥ 32100 | ≥ 32200 | ≥ 32300 | ≥ 32400 | ≥ 32500 | ≥ 32600 | ≥ 32700 | ≥ 32800 | ≥ 32900 | ≥ 33000 | ≥ 33100 | ≥ 33200 | ≥ 33300 | ≥ 33400 | ≥ 33500 | ≥ 33600 | ≥ 33700 | ≥ 33800 | ≥ 33900 | ≥ 34000 | ≥ 34100 | ≥ 34200 | ≥ 34300 | ≥ 34400 | ≥ 34500 | ≥ 34600 | ≥ 34700 | ≥ 34800 | ≥ 34900 | ≥ 35000 | ≥ 35100 | ≥ 35200 | ≥ 35300 | ≥ 35400 | ≥ 35500 | ≥ 35600 | ≥ 35700 | ≥ 35800 | ≥ 35900 | ≥ 36000 | ≥ 36100 | ≥ 36200 | ≥ 36300 | ≥ 36400 | ≥ 36500 | ≥ 36600 | ≥ 36700 | ≥ 36800 | ≥ 36900 | ≥ 37000 | ≥ 37100 | ≥ 37200 | ≥ 37300 | ≥ 37400 | ≥ 37500 | ≥ 37600 | ≥ 37700 | ≥ 37800 | ≥ 37900 | ≥ 38000 | ≥ 38100 | ≥ 38200 | ≥ 38300 | ≥ 38400 | ≥ 38500 | ≥ 38600 | ≥ 38700 | ≥ 38800 | ≥ 38900 | ≥ 39000 | ≥ 39100 | ≥ 39200 | ≥ 39300 | ≥ 39400 | ≥ 39500 | ≥ 39600 | ≥ 39700 | ≥ 39800 | ≥ 39900 | ≥ 40000 | ≥ 40100 | ≥ 40200 | ≥ 40300 | ≥ 40400 | ≥ 40500 | ≥ 40600 | ≥ 40700 | ≥ 40800 | ≥ 40900 | ≥ 41000 | ≥ 41100 | ≥ 41200 | ≥ 41300 | ≥ 41400 | ≥ 41500 | ≥ 41600 | ≥ 41700 | ≥ 41800 | ≥ 41900 | ≥ 42000 | ≥ 42100 | ≥ 42200 | ≥ 42300 | ≥ 42400 | ≥ 42500 | ≥ 42600 | ≥ 42700 | ≥ 42800 | ≥ 42900 | ≥ 43000 | ≥ 43100 | ≥ 43200 | ≥ 43300 | ≥ 43400 | ≥ 43500 | ≥ 43600 | ≥ 43700 | ≥ 43800 | ≥ 43900 | ≥ 44000 | ≥ 44100 | ≥ 44200 | ≥ 44300 | ≥ 44400 | ≥ 44500 | ≥ 44600 | ≥ 44700 | ≥ 44800 | ≥ 44900 | ≥ 45000 | ≥ 45100 | ≥ 45200 | ≥ 45300 | ≥ 45400 | ≥ 45500 | ≥ 45600 | ≥ 45700 | ≥ 45800 | ≥ 45900 | ≥ 46000 | ≥ 46100 | ≥ 46200 | ≥ 46300 | ≥ 46400 | ≥ 46500 | ≥ 46600 | ≥ 46700 | ≥ 46800 | ≥ 46900 | ≥ 47000 | ≥ 47100 | ≥ 47200 | ≥ 47300 | ≥ 47400 | ≥ 47500 | ≥ 47600 | ≥ 47700 | ≥ 47800 | ≥ 47900 | ≥ 48000 | ≥ 48100 | ≥ 48200 | ≥ 48300 | ≥ 48400 | ≥ 48500 | ≥ 48600 | ≥ 48700 | ≥ 48800 | ≥ 48900 | ≥ 49000 | ≥ 49100 | ≥ 49200 | ≥ 49300 | ≥ 49400 | ≥ 49500 | ≥ 49600 | ≥ 49700 | ≥ 49800 | ≥ 49900 | ≥ 50000 | ≥ 50100 | ≥ 50200 | ≥ 50300 | ≥ 50400 | ≥ 50500 | ≥ 50600 | ≥ 50700 | ≥ 50800 | ≥ 50900 | ≥ 51000 | ≥ 51100 | ≥ 51200 | ≥ 51300 | ≥ 51400 | ≥ 51500 | ≥ 51600 | ≥ 51700 | ≥ 51800 | ≥ 51900 | ≥ 52000 | ≥ 52100 | ≥ 52200 | ≥ 52300 | ≥ 52400 | ≥ 52500 | ≥ 52600 | ≥ 52700 | ≥ 52800 | ≥ 52900 | ≥ 53000 | ≥ 53100 | ≥ 53200 | ≥ 53300 | ≥ 53400 | ≥ 53500 | ≥ 53600 | ≥ 53700 | ≥ 53800 | ≥ 53900 | ≥ 54000 | ≥ 54100 | ≥ 54200 | ≥ 54300 | ≥ 54400 | ≥ 54500 | ≥ 54600 | ≥ 54700 | ≥ 54800 | ≥ 54900 | ≥ 55000 | ≥ 55100 | ≥ 55200 | ≥ 55300 | ≥ 55400 | ≥ 55500 | ≥ 55600 | ≥ 55700 | ≥ 55800 | ≥ 55900 | ≥ 56000 | ≥ 56100 | ≥ 56200 | ≥ 56300 | ≥ 56400 | ≥ 56500 | ≥ 56600 | ≥ 56700 | ≥ 56800 | ≥ 56900 | ≥ 57000 | ≥ 57100 | ≥ 57200 | ≥ 57300 | ≥ 57400 | ≥ 57500 | ≥ 57600 | ≥ 57700 | ≥ 57800 | ≥ 57900 | ≥ 58000 | ≥ 58100 | ≥ 58200 | ≥ 58300 | ≥ 58400 | ≥ 58500 | ≥ 58600 | ≥ 58700 | ≥ 58800 | ≥ 58900 | ≥ 59000 | ≥ 59100 | ≥ 59200 | ≥ 59300 | ≥ 59400 | ≥ 59500 | ≥ 59600 | ≥ 59700 | ≥ 59800 | ≥ 59900 | ≥ 60000 | ≥ 60100 | ≥ 60200 | ≥ 60300 | ≥ 60400 | ≥ 60500 | ≥ 60600 | ≥ 60700 | ≥ 60800 | ≥ 60900 | ≥ 61000 | ≥ 61100 | ≥ 61200 | ≥ 61300 | ≥ 61400 | ≥ 61500 | ≥ 61600 | ≥ 61700 | ≥ 61800 | ≥ 61900 | ≥ 62000 | ≥ 62100 | ≥ 62200 | ≥ 62300 | ≥ 62400 | ≥ 62500 | ≥ 62600 | ≥ 62700 | ≥ 62800 | ≥ 62900 | ≥ 63000 | ≥ 63100 | ≥ 63200 | ≥ 63300 | ≥ 63400 | ≥ 63500 | ≥ 63600 | ≥ 63700 | ≥ 63800 | ≥ 63900 | ≥ 64000 | ≥ 64100 | ≥ 64200 | ≥ 64300 | ≥ 64400 | ≥ 64500 | ≥ 64600 | ≥ 64700 | ≥ 64800 | ≥ 64900 | ≥ 65000 | ≥ 65100 | ≥ 65200 | ≥ 65300 | ≥ 65400 | ≥ 65500 | ≥ 65600 | ≥ 65700 | ≥ 65800 | ≥ 65900 | ≥ 66000 | ≥ 66100 | ≥ 66200 | ≥ 66300 | ≥ 66400 | ≥ 66500 | ≥ 66600 | ≥ 66700 | ≥ 66800 | ≥ 66900 | ≥ 67000 | ≥ 67100 | ≥ 67200 | ≥ 67300 | ≥ 67400 | ≥ 67500 | ≥ 67600 | ≥ 67700 | ≥ 67800 | ≥ 67900 | ≥ 68000 | ≥ 68100 | ≥ 68200 | ≥ 68300 | ≥ 68400 | ≥ 68500 | ≥ 68600 | ≥ 68700 | ≥ 68800 | ≥ 68900 | ≥ 69000 | ≥ 69100 | ≥ 69200 | ≥ 69300 | ≥ 69400 | ≥ 69500 | ≥ 69600 | ≥ 69700 | ≥ 69800 | ≥ 69900 | ≥ 70000 | ≥ 70100 | ≥ 70200 | ≥ 70300 | ≥ 70400 | ≥ 70500 | ≥ 70600 | ≥ 70700 | ≥ 70800 | ≥ 70900 | ≥ 71000 | ≥ 71100 | ≥ 71200 | ≥ 71300 | ≥ 71400 | ≥ 71500 | ≥ 71600 | ≥ 71700 | ≥ 71800 | ≥ 71900 | ≥ 72000 | ≥ 72100 | ≥ 72200 | ≥ 72300 | ≥ 72400 | ≥ 72500 | ≥ 72600 | ≥ 72700 | ≥ 72800 | ≥ 72900 | ≥ 73000 | ≥ 73100 | ≥ 73200 | ≥ 73300 | ≥ 73400 | ≥ 73500 | ≥ 73600 | ≥ 73700 | ≥ 73800 | ≥ 73900 | ≥ 74000 | ≥ 74100 | ≥ 74200 | ≥ 74300 | ≥ 74400 | ≥ 74500 | ≥ 74600 | ≥ 74700 | ≥ 74800 | ≥ 74900 | ≥ 75000 | ≥ 75100 | ≥ 75200 | ≥ 75300 | ≥ 75400 | ≥ 75500 | ≥ 75600 | ≥ 75700 | ≥ 75800 | ≥ 75900 | ≥ 76000 | ≥ 76100 | ≥ 76200 | ≥ 76300 | ≥ 76400 | ≥ 76500 | ≥ 76600 | ≥ 76700 | ≥ 76800 | ≥ 76900 | ≥ 77000 | ≥ 77100 | ≥ 77200 | ≥ 77300 | ≥ 77400 | ≥ 77500 | ≥ 77600 | ≥ 77700 | ≥ 77800 | ≥ 77900 | ≥ 78000 | ≥ 78100 | ≥ 78200 | ≥ 78300 | ≥ 78400 | ≥ 78500 | ≥ 78600 | ≥ 78700 | ≥ 78800 | ≥ 78900 | ≥ 79000 | ≥ 79100 | ≥ 79200 | ≥ 79300 | ≥ 79400 | ≥ 79500 | ≥ 79600 | ≥ 79700 | ≥ 79800 | ≥ 79900 | ≥ 80000 | ≥ 80100 | ≥ 80200 | ≥ 80300 | ≥ 80400 | ≥ 80500 | ≥ 80600 | ≥ 80700 | ≥ 80800 | ≥ 80900 | ≥ 81000 | ≥ 81100 | ≥ 81200 | ≥ 81300 | ≥ 81400 | ≥ 81500 | ≥ 81600 | ≥ 81700 | ≥ 81800 | ≥ 81900 | ≥ 82000 | ≥ 82100 | ≥ 82200 | ≥ 82300 | ≥ 82400 | ≥ 82500 | ≥ 82600 | ≥ 82700 | ≥ 82800 | ≥ 82900 | ≥ 83000 | ≥ 83100 | ≥ 83200 | ≥ 83300 | ≥ 83400 | ≥ 83500 | ≥ 83600 | ≥ 83700 | ≥ 83800 | ≥ 83900 | ≥ 84000 | ≥ 84100 | ≥ 84200 | ≥ 84300 | ≥ 84400 | ≥ 84500 | ≥ 84600 | ≥ 84700 | ≥ 84800 | ≥ 84900 | ≥ 85000 | ≥ 85100 | ≥ 85200 | ≥ 85300 | ≥ 85400 | ≥ 85500 | ≥ 85600 | ≥ 85700 | ≥ 85800 | ≥ 85900 | ≥ 86000 | ≥ 86100 | ≥ 86200 | ≥ 86300 | ≥ 86400 | ≥ 86500 | ≥ 86600 | ≥ 86700 | ≥ 86800 | ≥ 86900 | ≥ 87000 | ≥ 87100 | ≥ 87200 | ≥ 87300 | ≥ 87400 | ≥ 87500 | ≥ 87600 | ≥ 87700 | ≥ 87800 | ≥ 87900 | ≥ 88000 | ≥ 88100 | ≥ 88200 | ≥ 88300 | ≥ 88400 | ≥ 88500 | ≥ 88600 | ≥ 88700 | ≥ 88800 | ≥ 88900 | ≥ 89000 | ≥ 89100 | ≥ 89200 | ≥ 89300 | ≥ 89400 | ≥ 89500 | ≥ 89600 | ≥ 89700 | ≥ 89800 | ≥ 89900 | ≥ 90000 | ≥ 90100 | ≥ 90200 | ≥ 90300 | ≥ 90400 | ≥ 90500 | ≥ 90600 | ≥ 90700 | ≥ 90800 | ≥ 90900 | ≥ 91000 | ≥ 91100 | ≥ 91200 | ≥ 91300 | ≥ 91400 | ≥ 91500 | ≥ 91600 | ≥ 91700 | ≥ 91800 | ≥ 91900 | ≥ 92000 | ≥ 92100 | ≥ 92200 | ≥ 92300 | ≥ 92400 | ≥ 92500 | ≥ 92600 | ≥ 92700 | ≥ 92800 | ≥ 92900 | ≥ 93000 | ≥ 93100 | ≥ 93200 | ≥ 93300 | ≥ 93400 | ≥ 93500 | ≥ 93600 | ≥ 93700 | ≥ 93800 | ≥ 93900 | ≥ 94000 | ≥ 94100 | ≥ 94200 | ≥ 94300 | ≥ 94400 | ≥ 94500 | ≥ 94600 | ≥ 94700 | ≥ 94800 | ≥ 94900 | ≥ 95000 | ≥ 95100 | ≥ 95200 | ≥ 95300 | ≥ 95400 | ≥ 95500 | ≥ 95600 | ≥ 95700 | ≥ 95800 | ≥ 95900 | ≥ 96000 | ≥ 96100 | ≥ 96200 | ≥ 96300 | ≥ 96400 | ≥ 96500 | ≥ 96600 | ≥ 96700 | ≥ 96800 | ≥ 96900 | ≥ 97000 | ≥ 97100 | ≥ 97200 | ≥ 97300 | ≥ 97400 | ≥ 97500 | ≥ 97600 | ≥ 97700 | ≥ 97800 | ≥ 97900 | ≥ 98000 | ≥ 98100 | ≥ 98200 | ≥ 98300 | ≥ 98400 | ≥ 98500 | ≥ 98600 | ≥ 98700 | ≥ 98800 | ≥ 98900 | ≥ 99000 | ≥ 99100 | ≥ 99200 | ≥ 99300 | ≥ 99400 | ≥ 99500 | ≥ 99600 | ≥ 99700 | ≥ 99800 | ≥ 99900 | ≥ 100000 |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94C68 SA DROPEN GERMANY/COLEMAN AAF 61-79 CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING		15.8	23.3	27.9	31.3	33.3	35.7	37.0	37.3	38.5	40.2	40.9	41.0	42.4	42.4	42.5
≥ 25000		19.2	26.9	31.7	35.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8
≥ 18000		19.2	26.9	31.7	35.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8
≥ 15000		19.2	26.9	31.7	35.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8
≥ 12000		19.2	26.9	31.7	35.5	37.5	40.8	42.3	42.7	44.0	45.7	46.9	47.2	48.6	48.6	48.8
≥ 10000		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
≥ 9000		20.0	27.6	32.6	36.6	38.6	42.0	43.6	44.0	45.3	47.0	48.2	48.5	49.9	49.9	50.1
≥ 8000		20.8	28.5	33.4	37.6	39.7	43.0	44.6	45.0	46.3	48.2	49.3	49.8	51.2	51.2	51.4
≥ 7000		23.7	31.5	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
≥ 6000		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
≥ 5000		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
≥ 4500		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
≥ 4000		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
≥ 3500		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
≥ 3000		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
≥ 2500		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
≥ 2000		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
≥ 1800		40.1	50.9	61.2	67.9	71.2	76.7	79.2	79.9	82.6	84.7	86.4	87.1	88.6	88.6	88.7
≥ 1500		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
≥ 1200		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
≥ 1000		40.1	51.4	61.8	68.3	72.4	78.6	81.5	82.2	85.4	87.7	89.4	90.2	91.6	91.6	91.8
≥ 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
≥ 800		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
≥ 700		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
≥ 600		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
≥ 500		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
≥ 400		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
≥ 300		40.2	52.1	62.8	69.3	73.7	80.2	83.4	84.1	87.6	90.6	92.6	93.5	95.5	95.5	95.8
≥ 200		40.2	52.1	62.9	69.3	73.7	80.2	83.4	84.1	87.6	90.9	92.9	93.8	95.9	95.9	96.2
≥ 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	96.1	96.2	96.5
≥ 0		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	99.1
		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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94068 SAARLOUIS GERMANY/CULLEMAN AAF 61-64,66 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼			
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
≥ 20000		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
≥ 18000		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
≥ 16000		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
≥ 14000		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
≥ 12000		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
≥ 11000		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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		10.1	16.5	24.8	27.5	29.4	33.9	33.9	33.9	33.9	35.8	35.8	36.7	38.5	38.5	43.1
≥ 4500		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
≥ 4000		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
≥ 3500		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
≥ 3000		15.6	23.9	39.4	42.2	44.0	53.2	53.2	53.2	54.1	56.0	56.0	56.9	58.7	58.7	63.3
≥ 2500		20.2	28.4	45.0	49.5	51.4	61.5	62.4	62.4	63.3	65.1	65.1	66.1	67.9	67.9	72.5
≥ 2000		22.0	31.2	47.7	53.2	55.0	65.1	67.0	67.0	67.9	69.7	69.7	70.6	72.5	72.5	77.1
≥ 1800		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	73.2	77.1	77.1	81.7
≥ 1200		22.0	31.2	52.3	58.7	60.6	73.4	75.2	75.2	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	75.2	78.0	78.0	78.9	80.7	80.7	82.6	84.4	84.4	89.0
≥ 700		22.0	31.2	53.2	61.5	64.2	78.9	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	89.9	89.9	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	89.9	89.9	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	90.8	90.8	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	89.0	91.7	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	89.0	91.7	91.7	99.1
≥ 100		22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	89.0	91.7	91.7	99.1
≥ 0		22.0	31.2	53.2	61.5	64.2	79.8	83.5	83.5	84.4	86.2	86.2	89.0	91.7	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 109

DATA PROCESSING AGENCY
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34008 SAN DIEGO/MONTGOMERY/GILLESPIE AAF 59-72 CITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 20000	7.2	8.9	10.5	12.3	13.2	14.2	16.0	16.2	17.2	18.3	18.4	18.7	19.2	19.6	22.0			
≥ 15000	8.6	12.6	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			
≥ 10000	8.4	10.6	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			
≥ 9000	8.6	12.6	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			
≥ 8000	8.4	10.6	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			
≥ 7000	8.6	12.7	12.5	14.9	15.9	17.5	19.5	19.7	20.8	22.0	22.1	22.3	22.9	23.2	25.8			
≥ 6000	8.8	11.2	13.2	15.6	16.8	18.5	20.4	20.7	22.0	23.2	23.4	23.6	24.1	24.5	27.0			
≥ 5000	9.9	12.4	14.5	17.1	18.2	20.0	21.9	22.1	23.5	24.7	24.8	25.0	25.7	26.0	28.7			
≥ 4500	11.3	14.3	16.8	19.6	21.0	23.1	25.3	25.5	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			
≥ 3500	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			
≥ 3000	19.2	21.3	25.3	29.2	30.9	34.0	36.6	36.9	38.9	40.3	40.5	41.1	42.0	42.3	45.1			
≥ 2500	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			
≥ 2000	18.9	24.2	29.8	33.2	35.5	38.9	41.6	41.8	44.0	45.6	46.0	46.4	47.3	47.6	50.4			
≥ 1800	19.8	26.0	31.8	36.4	39.0	43.0	46.0	46.3	48.5	50.1	50.6	50.9	51.8	52.2	55.1			
≥ 1600	22.8	29.8	37.2	42.0	45.7	50.7	54.2	54.5	57.2	59.0	59.9	60.2	61.1	61.5	64.4			
≥ 1400	24.4	32.7	42.2	48.2	51.5	56.9	60.9	61.3	64.7	66.7	67.6	67.9	68.8	69.2	72.1			
≥ 1200	29.7	38.5	48.8	55.6	58.4	62.0	66.7	67.4	70.7	73.0	73.9	74.2	75.1	75.4	78.3			
≥ 1000	29.9	38.2	48.8	56.0	59.0	64.4	68.9	69.2	72.7	75.1	76.0	76.3	77.2	77.5	80.4			
≥ 900	27.3	37.2	48.4	56.2	60.1	67.0	71.6	72.3	75.9	78.2	79.1	79.6	80.4	80.8	83.7			
≥ 800	27.3	37.7	49.2	57.0	61.3	68.8	73.3	74.0	77.8	80.3	81.8	82.0	83.0	83.4	86.3			
≥ 700	27.3	37.7	49.2	57.0	61.3	68.9	74.0	74.7	78.7	81.3	82.5	83.0	84.2	84.6	87.5			
≥ 600	27.3	37.7	49.2	57.2	61.9	69.5	74.6	75.3	79.4	82.2	83.4	83.9	85.1	85.5	88.4			
≥ 500	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			
≥ 400	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			
≥ 300	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			
≥ 200	27.3	38.0	49.5	57.5	62.2	70.6	76.2	77.2	81.7	85.0	86.3	87.5	89.1	89.4	92.3			
≥ 100	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	93.7			
≥ 0	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	95.0			
	27.3	38.0	49.5	57.8	62.5	70.9	76.8	77.8	82.3	86.0	88.0	89.2	91.5	92.1	96.4			
	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	98.8			
	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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 59-70 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
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	18.1
≥ 20000		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
≥ 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
≥ 16000		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
≥ 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	22.3	22.3	23.6
≥ 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
≥ 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
≥ 9000		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
≥ 8000		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
≥ 7000		12.3	13.7	16.2	19.9	21.3	24.8	27.4	28.3	30.6	31.8	32.3	32.6	33.1	33.1	34.9
≥ 6000		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
≥ 5000		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
≥ 4500		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
≥ 4000		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
≥ 3500		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
≥ 3000		22.2	26.1	31.6	38.1	40.7	46.2	50.7	52.4	56.1	59.1	59.9	60.5	61.3	61.3	63.3
≥ 2500		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
≥ 2000		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
≥ 1800		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
≥ 1500		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
≥ 1200		27.0	32.5	40.8	50.1	53.8	62.7	69.3	71.2	76.3	80.1	81.3	82.1	82.9	82.9	84.9
≥ 1000		27.0	32.5	41.0	50.9	54.7	63.6	70.4	72.2	77.7	81.9	83.2	84.0	85.2	85.2	87.4
≥ 900		27.1	32.7	41.3	51.2	55.0	64.0	70.9	72.9	78.8	83.4	84.7	85.6	86.9	86.9	89.0
≥ 800		27.1	32.7	41.4	51.3	55.2	64.4	71.5	73.5	79.6	84.4	85.7	86.7	87.9	87.9	90.1
≥ 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
≥ 600		27.1	32.7	41.5	51.4	55.3	64.5	71.7	73.7	79.8	85.3	86.9	88.0	89.2	89.2	91.4
≥ 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
≥ 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
≥ 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	91.7	95.4
≥ 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	92.1	97.1
≥ 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	92.4	99.0
≥ 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	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 975

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SW GERMANY/COLEMAN AAF 59-72 CY

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING		8.0	9.0	10.5	12.3	13.1	14.1	14.6	14.7	15.7	16.4	16.6	17.1	17.4	17.5	17.7
≥ 20000		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
≥ 18000		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
≥ 16000		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
≥ 14000		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
≥ 12000		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
≥ 10000		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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		18.3	21.3	26.3	32.0	34.1	36.6	37.8	38.5	40.9	42.2	42.6	43.4	44.0	44.1	44.6
≥ 4500		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
≥ 4000		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
≥ 3500		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
≥ 3000		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
≥ 2500		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
≥ 2000		33.2	39.9	51.4	59.5	62.3	67.3	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	63.2	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	90.6	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	92.3	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/MAC

CEILING VERSUS VISIBILITY

36068 SAN[illegible] GERMANY/COLEMAN AAF 59-72 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0
NO CEILING		9.1	10.2	12.1	13.3	13.4	14.4	15.0	15.2	15.2	16.0	16.3	16.5	16.9	16.9	17.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		20.4	24.6	29.6	35.2	36.6	39.5	41.1	41.9	43.9	45.0	45.6	46.3	47.5	47.5	47.9
≥ 4500		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
≥ 4000		25.2	30.2	36.7	42.7	44.3	47.4	49.3	50.3	52.3	53.4	54.0	54.8	56.0	56.0	56.3
≥ 3500		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
≥ 3000		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
≥ 2500		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
≥ 2000		35.4	42.8	52.6	61.5	64.6	69.6	72.6	73.4	75.6	76.8	77.7	78.5	79.9	79.9	80.2
≥ 1800		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
≥ 1500		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
≥ 1200		36.4	44.5	55.4	66.2	70.2	76.3	79.7	80.8	83.2	84.5	85.5	86.3	88.1	88.1	88.4
≥ 1000		36.4	44.6	55.6	66.8	71.0	77.6	81.0	82.2	85.0	86.3	87.5	88.4	90.5	90.5	90.8
≥ 900		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
≥ 800		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
≥ 700		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
≥ 600		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
≥ 500		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
≥ 400		36.4	44.6	55.6	66.9	71.4	78.0	82.0	83.6	86.9	89.1	91.3	92.6	95.3	95.3	96.6
≥ 300		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	97.3
≥ 200		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
≥ 100		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
≥ 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/MAC

CEILING VERSUS VISIBILITY

34068 SAARLFB GERMANY/GALLEN AAF 60-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING		13.2	16.0	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	
≥		14.9	17.6	21.0	23.8	24.7	26.6	27.2	27.5	28.7	29.3	29.4	29.4	29.9	29.9	30.3	
≥ 15000		14.9	17.6	21.0	23.8	24.7	26.6	27.2	27.5	28.7	29.3	29.4	29.4	29.9	29.9	30.3	
≥ 10000		14.9	17.6	21.0	23.8	24.7	26.6	27.2	27.5	28.7	29.3	29.4	29.4	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	29.3	29.4	29.4	29.9	29.9	30.3	
≥ 5000		15.0	17.8	21.2	24.1	25.0	26.9	27.5	27.8	29.0	29.6	29.7	29.7	30.1	30.1	30.6	
≥ 4500		15.3	19.0	22.4	25.6	26.6	28.6	29.6	29.9	31.0	31.6	31.8	31.8	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	34.0	34.2	34.4	
≥ 3500		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	37.4	
≥ 3000		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	39.6	
≥ 2500		22.1	26.3	30.9	35.1	36.3	39.6	40.4	40.7	41.9	42.6	42.9	42.8	43.5	43.5	44.0	
≥ 2000		25.4	30.4	35.4	40.1	41.6	44.9	46.2	46.5	47.6	48.4	48.8	48.8	49.6	49.6	50.0	
≥ 1800		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	52.5	
≥ 1500		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	57.4	
≥ 1200		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	61.0	
≥ 1000		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	68.8	
≥ 900		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	75.6	
≥ 800		39.9	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	81.0	
≥ 700		40.0	48.4	59.0	66.8	70.1	75.7	77.8	78.1	79.4	80.3	80.9	81.0	81.8	81.8	82.2	
≥ 600		40.0	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	84.7	
≥ 500		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	87.5	
≥ 400		40.6	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	88.8	
≥ 300		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	90.1	
≥ 200		40.6	49.7	61.5	70.9	74.6	82.1	84.7	85.4	87.9	89.3	90.0	90.1	91.5	91.5	91.9	
≥ 100		40.6	49.7	61.5	70.9	74.6	82.1	84.7	85.6	88.4	90.0	90.7	90.9	92.2	92.2	92.6	
0		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	93.4	
NV	500	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	93.5	
NV	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	93.2	94.0	
NV	300	40.6	49.7	61.5	70.9	74.6	82.1	84.9	85.7	89.0	90.9	91.9	92.5	94.3	94.4	95.3	
NV	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	95.4	97.1	
NV	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	95.4	98.7	
NV	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	95.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 580

DATA PROCESSING PHASE
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3400R SM DARMSTADT GERMANY/CLEE ARMY DAF 0C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
20000+				14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
15000				14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
10000				14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
7000				14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
5000				14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
3500				14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
2500			14.3	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
2000			14.3	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
1500			14.3	42.9	42.9	42.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
1000			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
700			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
500			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
400			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
300			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
200			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
150			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
100			14.3	42.9	42.9	42.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0			14.3	71.4	71.4	71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34069 SAN DIEGO GERNSLEY/COOLEY ANF 61-64 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 7	≥ 5	≥ 4	≥ 3½	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
≥ 20000	8.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	18.1	18.1	18.1	21.7	21.7	21.7	21.7
≥ 15000	8.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	18.1	18.1	18.1	21.7	21.7	21.7	21.7
≥ 12000	8.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	18.1	18.1	18.1	21.7	21.7	21.7	21.7
≥ 10000	8.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	18.1	18.1	18.1	21.7	21.7	21.7	21.7
≥ 9000	8.6	7.2	10.8	15.7	15.7	16.9	16.9	16.9	18.1	18.1	18.1	21.7	21.7	21.7	21.7
≥ 8000	8.6	8.4	12.0	16.9	16.9	18.1	18.1	18.1	19.3	19.3	19.3	22.9	22.9	22.9	22.9
≥ 7000	8.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	20.5	20.5	20.5	24.1	24.1	24.1	24.1
≥ 6000	8.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	20.5	20.5	20.5	24.1	24.1	24.1	24.1
≥ 5000	8.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	20.5	20.5	20.5	24.1	24.1	24.1	24.1
≥ 4500	8.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	20.5	20.5	20.5	24.1	24.1	24.1	24.1
≥ 4000	8.8	9.6	13.3	18.1	18.1	19.3	19.3	19.3	20.5	20.5	20.5	24.1	24.1	24.1	24.1
≥ 3500	7.2	12.0	16.9	21.7	21.7	22.9	22.9	22.9	24.1	24.1	24.1	27.7	27.7	27.7	27.7
≥ 3000	9.6	15.7	21.7	26.5	26.5	27.7	27.7	27.7	28.9	28.9	28.9	32.5	32.5	32.5	32.5
≥ 2500	9.6	16.9	26.5	31.3	31.3	32.5	32.5	32.5	33.7	33.7	33.7	37.3	37.3	37.3	37.3
≥ 2000	13.3	20.5	32.5	37.3	37.3	38.6	38.6	38.6	39.8	39.8	39.8	43.4	43.4	43.4	43.4
≥ 1800	19.3	27.7	41.0	47.0	47.0	49.4	49.4	49.4	50.6	50.6	50.6	54.2	54.2	54.2	54.2
≥ 1600	20.5	34.9	50.6	57.8	57.8	60.2	61.4	62.7	63.9	63.9	63.9	67.5	67.5	67.5	67.5
≥ 1400	30.1	38.6	55.4	62.7	62.7	68.7	71.1	72.3	73.5	73.5	73.5	77.1	77.1	77.1	77.1
≥ 1200	31.3	39.8	56.6	63.9	63.9	69.9	72.3	73.5	74.7	74.7	74.7	78.3	78.3	78.3	78.3
≥ 1000	31.3	39.8	56.6	63.9	63.9	69.9	72.3	73.5	77.1	78.3	78.3	81.9	81.9	81.9	81.9
≥ 900	31.3	39.8	57.8	65.1	65.1	71.1	73.5	74.7	79.3	79.5	79.5	83.1	83.1	83.1	83.1
≥ 800	31.3	41.0	59.0	66.3	67.5	73.5	75.9	77.1	80.7	81.9	81.9	85.5	85.5	85.5	85.5
≥ 700	31.3	41.0	59.0	66.3	67.5	73.5	75.9	77.1	80.7	81.9	81.9	85.5	85.5	85.5	85.5
≥ 600	31.3	41.0	59.0	66.3	67.5	74.7	77.1	78.3	81.9	83.1	83.1	86.7	86.7	86.7	86.7
≥ 500	31.3	41.0	59.0	66.3	67.5	74.7	77.1	78.3	83.1	84.3	85.5	89.2	89.2	89.2	89.2
≥ 400	31.3	41.0	59.0	66.3	67.5	74.7	77.1	78.3	83.1	84.3	85.5	89.2	89.2	89.2	89.2
≥ 300	31.3	41.0	59.0	66.3	67.5	75.9	79.5	80.7	85.5	86.7	88.0	91.6	91.6	91.6	91.6
≥ 200	31.3	41.0	59.0	66.3	67.5	75.9	79.5	80.7	85.5	86.7	88.0	91.6	91.6	91.6	91.6
≥ 100	31.3	41.0	59.0	66.3	67.5	75.9	79.5	80.7	85.5	86.7	88.0	91.6	92.8	92.8	92.8
≥ 0	31.3	41.0	59.0	66.3	67.5	75.9	79.5	80.7	85.5	86.7	88.0	91.6	92.8	92.8	94.0
	31.3	41.0	59.0	66.3	67.5	75.9	79.5	80.7	85.5	86.7	88.0	91.6	94.0	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 83

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DOLFE GERMANY/CULEMAN AAF 59-72 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	≥¼	≥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	18.3
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 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
≥ 12000	6.2	9.2	13.1	14.9	15.3	17.7	18.1	18.6	19.2	19.6	19.7	20.4	20.5	20.5	21.0
≥ 10000	6.6	9.7	13.7	15.7	16.0	18.5	18.9	19.4	20.0	20.4	20.5	21.1	21.2	21.2	21.8
≥ 9000	7.2	10.5	14.8	16.9	17.3	19.7	20.1	20.6	21.2	21.6	21.7	22.3	22.5	22.5	23.1
≥ 8000	7.4	10.8	15.5	18.0	18.4	20.9	21.6	22.0	22.7	23.0	23.1	23.8	23.9	23.9	24.4
≥ 7000	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
≥ 6000	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
≥ 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
≥ 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
≥ 4000	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	41.6
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	27.2	38.7	53.8	63.6	65.3	71.7	74.2	75.2	77.5	78.3	78.8	79.4	79.5	79.5	80.1
≥ 1200	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
≥ 1000	28.2	41.0	57.1	67.8	70.0	77.7	80.5	81.9	85.0	86.2	87.2	88.1	88.2	88.3	88.8
≥ 900	28.3	41.3	57.4	68.4	70.6	78.3	81.2	82.5	85.6	86.8	87.8	88.7	88.9	88.9	89.4
≥ 800	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
≥ 700	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
≥ 600	28.7	41.8	58.4	69.9	72.2	80.5	83.8	85.2	89.5	90.2	91.3	92.1	92.4	92.4	92.9
≥ 500	28.7	41.8	58.4	69.9	72.2	80.6	84.2	85.6	89.2	90.9	92.0	92.9	93.3	93.3	93.8
≥ 400	28.7	41.8	58.4	69.9	72.2	80.6	84.2	85.6	89.3	91.7	92.8	93.7	94.0	94.0	94.9
≥ 300	28.7	41.8	58.4	69.9	72.2	80.6	84.2	85.6	89.3	91.9	93.1	94.0	94.6	94.6	95.5
≥ 200	28.7	41.8	58.4	69.9	72.2	80.6	84.2	85.6	89.3	91.9	93.1	94.1	94.9	95.6	97.0
≥ 100	28.7	41.8	58.4	69.9	72.2	80.6	84.2	85.6	89.3	91.9	93.1	94.1	94.9	95.7	98.0
≥ 0	28.7	41.8	58.4	69.9	72.2	80.6	84.2	85.6	89.3	91.9	93.1	94.1	94.9	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN DIEGO/MARINE CORPS AIR STATION, MIRAMAR AAF 59-70 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING		3.9	6.1	9.0	10.8	11.8	13.5	15.2	15.8	16.2	16.7	16.9	17.1	17.7	17.7	18.1
≥ 20000		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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	33.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 3000		15.7	21.0	29.4	36.2	37.9	43.0	46.6	47.7	49.3	50.7	51.2	51.7	52.5	52.5	53.5
≥ 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
≥ 2000		19.2	26.2	38.1	46.1	48.4	55.6	60.8	62.9	66.2	68.3	69.2	70.0	70.9	70.9	71.9
≥ 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
≥ 1500		20.6	28.1	41.4	50.7	53.5	61.6	67.2	69.6	73.5	75.9	76.7	77.7	78.6	78.6	79.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	93.9	93.9	95.1
≥ 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	94.7	94.8	96.1
≥ 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	95.0	95.1	97.2
≥ 100		21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.5	92.4	95.3	95.4	98.2
≥ 0		21.3	29.6	44.2	55.2	59.0	68.6	76.6	80.3	85.4	88.4	90.5	92.4	95.3	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 (STATION NUMBER) SAARLOUIS GERMANY/COLEMAN AAF (STATION NAME) 59-70 (YEARS) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0
NO CEILING		7.3	9.3	13.1	15.4	16.1	17.6	18.5	18.8	19.1	19.4	19.6	19.8	20.0	20.1	20.3
≥ 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
≥ 18000		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
≥ 16000		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
≥ 14000		8.7	11.2	16.1	18.7	19.6	21.6	22.6	22.8	23.1	23.4	23.6	23.8	24.4	24.6	24.9
≥ 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
≥ 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	26.8	26.9	27.2
≥ 9000		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
≥ 8000		10.1	12.8	18.1	22.0	23.3	25.6	26.8	27.3	27.7	28.0	28.2	28.5	29.2	29.3	29.6
≥ 7000		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
≥ 6000		12.0	15.4	21.8	26.7	28.3	31.5	32.8	33.7	34.5	34.8	35.0	35.3	36.0	36.1	36.6
≥ 5000		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
≥ 4500		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
≥ 4000		17.4	22.4	30.7	36.7	38.6	42.4	44.5	45.7	46.9	47.2	47.4	47.7	48.6	48.7	49.1
≥ 3500		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
≥ 3000		20.8	26.3	35.8	43.4	45.3	50.1	52.7	54.1	55.5	56.1	56.3	56.6	57.5	57.6	58.1
≥ 2500		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
≥ 2000		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
≥ 1800		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
≥ 1500		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
≥ 1200		25.9	34.6	48.8	59.4	62.5	70.9	74.9	77.6	81.3	83.1	83.9	84.7	86.0	86.1	86.6
≥ 1000		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
≥ 900		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
≥ 800		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
≥ 700		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
≥ 600		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
≥ 500		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
≥ 400		26.6	35.9	51.4	62.4	65.5	74.8	80.1	83.1	88.3	90.7	92.5	94.3	96.1	96.4	97.3
≥ 300		26.6	35.9	51.4	62.4	65.5	74.8	80.1	83.1	88.3	90.7	92.5	94.5	96.7	96.8	97.7
≥ 200		26.6	35.9	51.4	62.4	65.5	74.8	80.1	83.1	88.3	90.7	92.5	94.8	97.0	97.4	98.7
≥ 100		26.6	35.9	51.4	62.4	65.5	74.8	80.1	83.1	88.3	90.7	92.5	94.8	97.2	97.5	99.1
≥ 0		26.6	35.9	51.4	62.4	65.5	74.8	80.1	83.1	88.3	90.7	92.5	94.8	97.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 949

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAARBRUECKEN, GERMANY/GOLLENBERG AAF 59-70 SEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼	≥½	≥¼	≥0
NO CEILING		5.5	7.3	10.0	12.3	12.6	13.8	14.6	14.8	15.3	16.0	16.2	16.2	16.7	16.7	16.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	23.2
≥ 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
≥ 8000		8.5	11.0	15.3	19.5	20.0	21.8	22.9	23.3	24.0	25.1	25.1	25.3	26.2	26.2	26.5
≥ 7000		9.5	12.8	17.5	22.8	23.3	25.8	26.9	27.5	28.1	29.2	29.2	29.4	30.3	30.3	30.6
≥ 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
≥ 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
≥ 4500		13.8	19.0	25.3	31.2	32.5	35.8	37.4	38.8	39.5	40.7	40.7	41.0	41.9	41.9	42.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1000		28.3	38.8	52.7	63.8	66.9	74.0	79.3	81.3	84.8	87.6	88.5	89.5	91.0	91.0	91.5
≥ 900		28.3	38.8	52.8	63.9	67.0	74.2	79.6	81.9	85.4	88.2	89.3	90.2	91.7	91.7	92.1
≥ 800		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.1	86.6	89.6	90.6	91.9	93.5	93.5	93.9
≥ 700		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.1	86.8	89.9	91.4	92.7	94.5	94.5	94.9
≥ 600		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.3	90.6	92.1	93.7	95.5	95.5	95.9
≥ 500		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.4	90.9	92.6	94.1	96.3	96.3	97.0
≥ 400		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.4	91.0	92.8	94.4	96.7	96.7	97.3
≥ 300		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.4	91.6	93.4	95.2	97.6	97.6	98.3
≥ 200		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.4	91.6	93.4	95.5	97.9	97.9	98.9
≥ 100		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.4	91.6	93.4	95.5	97.9	97.9	99.6
≥ 0		28.3	38.8	53.0	64.2	67.4	74.8	80.8	83.2	87.4	91.6	93.4	95.5	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN ANGELO/GERMANY/COLEMAN AAF 60-70 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
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
≥ 20000		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
≥ 18000		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
≥ 16000		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
≥ 14000		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
≥ 12000		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
≥ 11000		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
≥ 10000		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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 5000		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
≥ 4500		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
≥ 4000		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
≥ 3500		19.4	28.6	39.5	45.4	46.7	50.4	51.6	52.8	53.2	54.9	55.2	55.3	55.6	55.6	56.1
≥ 3000		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
≥ 2500		22.5	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
≥ 2000		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
≥ 1800		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
≥ 1500		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
≥ 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
≥ 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
≥ 900		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
≥ 800		25.1	40.0	55.3	66.2	70.8	79.0	82.5	84.7	86.7	91.0	91.8	92.1	92.5	92.5	92.9
≥ 700		25.1	40.0	55.3	66.2	70.8	79.0	82.9	85.3	87.9	92.6	93.6	93.9	94.4	94.4	94.8
≥ 600		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.7	89.2	93.9	95.2	95.7	96.4	96.4	96.9
≥ 500		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.8	89.5	94.2	95.5	96.2	97.7	97.7	98.1
≥ 400		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.8	89.6	94.5	95.8	96.7	98.3	98.3	98.7
≥ 300		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.8	89.6	94.5	95.8	96.7	98.3	98.3	98.7
≥ 200		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.8	89.6	94.5	95.8	96.7	98.3	98.3	99.4
≥ 100		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.8	89.6	94.5	95.8	96.7	98.3	98.3	100.0
≥ 0		25.1	40.0	55.3	66.2	70.8	79.2	83.2	85.8	89.6	94.5	95.8	96.7	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 692

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34068 SAN-OFEN GERMANY/CELLE AAF 60 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0	≥¼	0
NO CEILING				4.8	4.8	4.8	4.8	4.8	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	4.8
≥ 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	4.8
≥ 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	4.8
≥ 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	4.8
≥ 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	4.8
≥ 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	4.8
≥ 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	14.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 2500		4.8	9.5	52.4	52.4	57.1	61.9	66.7	66.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 600		4.8	9.5	52.4	57.1	61.9	76.2	81.0	81.0	90.5	95.2	95.2	95.2	95.2	95.2	95.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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:

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF 59-70 ALL
STATION STATION NAME PER OF MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	7.8	2.5	1.4	2.2	1.2	1.5	2.6	1.9	3.4	5.9	69.7	8.3	4266
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	4.6	3.9	2.7	3.8	4.0	8.5	7.0	49.8	7.3	4841
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	4462
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	4856
JUN		6.4	4.2	3.4	5.2	4.8	4.7	5.3	5.3	12.2	12.3	30.2	7.1	4300
JUL		4.8	4.1	3.3	3.2	3.9	3.2	4.6	3.9	9.2	9.0	50.8	7.7	4979
AUG		5.9	5.4	3.0	4.9	4.0	4.0	4.8	5.6	11.9	12.3	30.8	7.1	4921
SEP		10.5	6.0	3.5	4.0	3.6	4.0	4.0	4.1	8.6	13.8	35.7	6.8	4832
OCT		11.6	3.7	3.2	3.9	3.5	3.4	3.9	4.9	7.6	8.6	46.5	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	3.7	3.2	3.0	3.6	3.7	8.4	10.0	50.8	7.6	53798

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34008 SANDHOFEN GERMANY/COLEMAN AAF 60-70 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02											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	1.6	2.5	4.1	1.6	5.4	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	5.3					5.3	5.3		5.3	97.9	7.0	19
	TOTALS	7.8	2.8	1.4	2.2	1.2	1.5	2.6	1.9	3.4	5.9	69.7	8.3	4268

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (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	6.1	2.4	1.2	1.2		2.4	3.7	2.4	4.9	54.9	6.7	82
	06-08	7.7	3.5	2.5	4.0	3.0	2.4	3.0	2.4	6.5	7.5	57.6	7.7	401
	09-11	6.8	2.0	3.1	3.3	2.2	2.2	3.9	3.5	6.9	9.0	57.0	7.9	891
	12-14	5.3	3.5	2.0	3.0	2.4	2.4	3.6	3.6	5.7	10.3	57.9	8.0	831
	15-17	6.2	3.5	1.8	3.3	2.3	2.1	2.9	2.8	7.6	10.3	57.3	8.0	794
	18-20	10.6	3.1	3.1	4.2	3.1	3.1	3.3	1.8	4.9	9.3	51.5	7.3	948
	21-23													
TOTALS		9.0	3.0	2.5	3.2	2.4	2.0	3.5	3.0	5.7	8.6	56.0	7.6	3907

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 SAARBRUEN GERMANY/COLEMAN AAF 40-70 PERIOD MAR MONTH

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
		0	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	54.1	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	54.7	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	53.0	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	4.3	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	3.7	3.8	4.0	8.5	7.0	49.8	7.3	4541

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-70 APR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02													
	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	3.3	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	3.6	6.6	3.1	10.4	13.9	43.0	7.6	685
	21-23													
	TOTALS	5.8	4.5	2.3	3.1	3.6	3.3	4.3	3.8	8.7	12.3	48.1	7.6	4482

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

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-70 MAY
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		
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	3.0	3.8	4.3	3.1	8.8	11.0	43.7	7.1	933
	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	956
	12-14	2.8	3.4	2.7	2.3	2.9	4.7	6.5	3.5	13.1	17.2	41.0	7.8	943
	15-17	1.8	2.0	2.3	3.0	4.1	4.4	3.9	4.3	14.1	18.5	41.1	8.0	909
	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	696
	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	4556

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHUPEN GERMANY/COLEMAN AAF 60-70 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02													
	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	10.8	7.7	4.2	5.3	3.4	2.9	4.3	5.4	10.3	9.7	36.7	6.5	874
	09-11	8.5	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	909
	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	616
	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	4900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34008 SANDHOFEN GERMANY/COLEMAN AAF 60-70 JUL
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		
JUL	00-02											100.0	10.0	1
	03-05	1.9	4.7	11.3	4.7	3.8	.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	665
	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

USAF ETAC FORM 0-9-5 (OL-1) JUL 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02													
	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	8.5	5.9	3.1	4.5	3.9	0.0	4.8	4.3	10.6	8.8	39.4	6.9	992
	09-11	9.4	4.0	2.5	4.0	4.0	0.2	4.2	5.9	10.7	10.0	38.0	6.9	1040
	12-14	4.1	3.4	2.3	3.3	4.2	4.1	6.7	7.0	12.6	14.7	35.4	7.3	1024
	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	986
	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	744
	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	4921

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 (STATION) SANDHOFEN GERMANY/COLEMAN AAF (STATION NAME) 59-70 (PER CC) 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	3.5	6.1	7.9	4.4	31.6	5.4	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	10.6	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	10.5	6.0	3.5	4.0	3.6	4.0	4.0	4.1	8.6	13.8	38.7	6.8	46

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 L.S.T.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	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	8.0	7.5	54.6	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	1032
	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	4.6	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	6.9	8.0	43.1	6.8	691
	21-23													
TOTALS		11.0	3.7	3.2	3.9	3.8	2.4	3.0	4.0	7.6	8.6	48.8	7.2	4746

DATA PROCESSING DIVISION
ETAC/USAF
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1

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	2.8	.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	8.4	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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34068 SANDHOFEN GERMANY/COLEMAN AAF 59-70 DEC
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		
DEC	00-02													
	03-05	13.3		1.2	2.4	1.2			3.6	7.2	2.4	68.7	8.1	83
	06-08	0.7	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	67.9	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	0.4	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	1.8	1.2	2.0	2.1	1.2	1.6	2.8	4.3	6.1	71.2	8.6	4535

USAF ETAC FORM JUL 64 0-9-5 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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.

E

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{x}$), and standard deviations (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 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

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

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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PSYCHROMETRIC SUMMARY

34008 SAARBRUECKEN GERMANY/COLEMAN AAF 59-70 ALL

WET BULB TEMPERATURE DEPRESSION F

DB/WB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL D.B.	TOTAL W.B.
98/ 97																												,0				2	2		
96/ 95																		,0	,0	,0	,0	,0	,0	,0	,0	,0	,0					14	16		
94/ 93																		,0	,0	,0	,0	,0	,0	,0	,0							30	30		
92/ 91														,2				,0	,0	,0	,0	,0	,0	,0								71	71		
90/ 89														,0	,0			,1	,1	,1	,1	,0										139	139		
88/ 87										,0	,0			,0	,1			,1	,1	,1	,1	,0										192	192		
86/ 85										,0	,0			,1	,1			,2	,1	,1												323	323		
84/ 83								,0		,0	,1			,1	,1			,2	,1													369	369		
82/ 81						,0		,0		,0	,1			,3	,2			,2	,1	,0												535	535		
80/ 79						,0		,0		,1	,2			,4	,4			,2	,1	,0												780	780		
78/ 77			,0			,0		,1		,2	,4			,4	,3			,1	,0	,0												851	851	A	
76/ 75					,0	,0		,2		,4	,5			,5	,3			,1	,0	,0				,0								1108	1108	32	
74/ 73					,0	,1		,3		,4	,6			,5	,3			,1	,0	,0												1319	1319	92	3
72/ 71			,0		,1	,2		,5		,6	,6			,4	,2			,1	,0													1474	1474	274	18
70/ 69			,0		,2	,5		,6		,7	,5			,5	,1			,1	,0													1724	1724	498	39
68/ 67			,1		,3	,6		,8		,8	,6			,3	,1			,0														2015	2015	1025	122
66/ 65		,0	,3		,7	,8		,8		,7	,5			,2	,1			,0														2195	2197	1550	321
64/ 63		,0	,4		,9	1,0		,8		,7	,4			,1	,0			,0														2374	2378	2143	773
62/ 61		,1	,7		1,0	1,0		,9		,6	,3			,1	,0																	2392	2406	2674	1326
60/ 59		,1	,9		1,1	1,1		,7		,5	,2			,0	,0																	2447	2460	3097	1814
58/ 57		,1	1,2		1,4	1,0		,7		,3	,1			,0																		2480	2489	3385	2422
56/ 55		,1	1,2		1,3	1,0		,6		,2	,0			,0																		2403	2417	3432	2940
54/ 53		,1	1,1		1,3	,9		,5		,1	,0																					2143	2153	3203	3254
52/ 51		,1	1,1		1,5	,7		,3		,1	,0			,0																		2075	2099	2974	3312
50/ 49		,1	1,3		1,6	,8		,3		,1	,0																					2295	2335	2770	3361
48/ 47		,2	1,4		1,7	,8		,2		,0	,0																					2365	2390	2638	3135
46/ 45		,2	1,9		1,4	,6		,2		,1																						2389	2414	2628	3234
44/ 43		,2	1,9		1,4	,5		,1		,0																						2209	2227	2690	2998
42/ 41		,2	1,9		1,2	,3		,1		,0	,0																					1993	2028	2534	2933
40/ 39		,3	2,0		1,3	,2		,1		,0																						2060	2101	2441	2878
38/ 37		,4	2,4		,8	,2		,0																								2028	2067	2345	2701
36/ 35		,5	2,2		,7	,1		,0																								1861	1895	2399	2831
34/ 33		,6	2,2		,5	,0		,0																								1933	1845	2138	2701
32/ 31		,6	1,5		,3	,0		,0																								1321	1329	1893	2560

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

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

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34008 SAN CHRE GERMANY/COLEMAN AAF 59-70

PAGE 2

WET BULB TEMPERATURE DEPRESSION

30/ 29	.5	1.2	.2	.0													
28/ 27	.4	.6	.1	.0													
26/ 25	.3	.6	.1	.0													
24/ 23	.2	.5	.0	.0													
22/ 21	.2	.3	.0														
20/ 19	.2	.2	.0														
18/ 17	.1	.2	.0														
16/ 15	.1	.1															
14/ 13	.1	.1															
12/ 11	.1	.1															
10/ 9	.1	.0															
8/ 7	.0	.0															
6/ 5	.0	.0															
4/ 3	.0	.0															
2/ 1	.0																
0/ -1	.0																
-2/ -3																	
-4/ -5																	
-8/ -9																	
TOTAL	6.4	29.6	21.2	12.7	6.6	6.9	5.2	4.0	2.4	1.5	.8	.4	.1	.0	.0		

	990	990	1304	1849													
	729	729	942	1453													
	518	518	666	1046													
	439	439	563	939													
	278	278	358	617													
	219	219	249	479													
	153	153	183	385													
	116	116	128	246													
	102	102	126	216													
	72	72	76	135													
	54	54	62	124													
	28	28	32	94													
	19	19	22	46													
	9	9	9	27													
	3	3	3	25													
	1	1	1	10													
				5													
				1													
				1													
	53514			53514													

53514 53514

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						0°F	32°F	67°F	77°F	83°F	91°F	100°F
Rel. Hum.	2949068024	3805620	72.211.140		53514							
Dry Bulb	1629432322	2848722	52.815.460		53514	2.8	849.6	1760.6	925.8	331.3	7.6	.0
Wet Bulb	1295544091	2548235	47.612.236		53514	211.2	911.0	21.4				
Dew Point	1068098921	2306313	43.111.770		53514	4.0	762.2	29.7	.5			

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9400A SAN DIEGO, CALIFORNIA/LINDBERGH FLD 00-72 JAN

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION F																								TOTAL OBS	TOTAL Wet Bulb Dep F
90/ 57																								4	4
90/ 55																								6	6
54/ 53																								9	9
52/ 51																								3	3
50/ 49																								99	99
48/ 47																								18	16
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																								8	8
18/ 17																								6	6
16/ 15																								5	5
14/ 13																								5	5
12/ 11																								4	4
10/ 9																								3	3
8/ 7																								1	1
6/ 5																									
4/ 3																									
2/ 1																									
0/ -1																									
-2/ -3																									
-4/ -5																									
-6/ -7																									

Element	Σx	Σx^2	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34063 SAN DIEGO, CALIFORNIA AF 60-74

PAGE 2 ALL

Dry Bulb °F	WET BULB TEMPERATURE DEPRESSION °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	TOTAL DB	TOTAL WB	TOTAL Dew Point
TOTAL	2,999,619,5 3.6 .5 .0	4274	4274	4274

Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum	2990879	354986	83.1	9.971	4274							
Dry Bulb	529[illegible]603	144947	33.9	9.383	4275	.2	302.6					744
Wet Bulb	4751569	137559	32.2	8.711	4274	.2	352.7					744
Dew Point	4[illegible]8266	124568	29.1	9.401	4274	3.8	439.2					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34058 SAN DIEGO/MONTGOMERY/COMMUNITY AP 60-73 FEB

PAGE 1 ALL

F	C	WET BULB TEMPERATURE DEPRESSION F.																											TOTAL D.B.	TOTAL W.B.	TOTAL D.P.	TOTAL
		0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>30				
64/	63								.0																				1	1		
62/	61						.1	.1																					0	0		
60/	59				.0	.2	.2	.1	.1																				21	23		
58/	57				.1	.3	.1	.1																					29	35		
56/	55			.1	.4	.2	.2																						34	34	2	
54/	53		.1	.5	.5	.5																							0	42	4	
52/	51	.1	.2	1.4	1.0	.5	.1																						128	134	31	3
50/	49		1.0	1.9	1.3	.3	.0																						174	183	93	7
48/	47		1.0	2.0	1.4	.3																							2	216	139	45
46/	45		2.1	1.4	.9	.1																							172	183	222	125
44/	43	.4	3.4	2.2	.8	.2																							269	272	244	182
42/	41	.4	4.0	2.4	.9	.1	.1	.1																					3 4	322	267	189
40/	39	.5	4.4	3.2	.9	.3	.1																						302	377	312	263
38/	37	.6	5.4	2.0	1.1	.2																							378	406	354	312
36/	35	1.3	5.1	2.5	.7	.1																							36	385	399	345
34/	33	1.1	4.2	2.	.4	.1																							289	297	35	381
32/	31	.9	4.4	1.5	.2	.0																							20	20	359	340
30/	29	1.0	3.3	.9	.1																								194	20	27	280
28/	27	1.4	2.2	.6	.0																								157	156	231	291
26/	25	.7	1.4	.3	.0																								91	91	145	223
24/	23	.3	1.1	.1	.0																								55	55	64	200
22/	21	.3	.7	.																									4	46	54	120
20/	19	.4	.6	.1																									47	47	45	105
18/	17	.3	.3	.1																									2	25	4	85
16/	15	.3	.1																										13	13	21	63
14/	13	.2	.2																										16	16	14	52
12/	11	.4	.1																										1	16	2	29
10/	9	.4	.2																										21	21	2	15
8/	7	.2	.1																										9	9	1	23
6/	5	.1																											4	4	5	23
4/	3																															19
2/	1																															5
0/	-1																															4

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

USAFETAC FORM 0-26-5 (OL-A) Previous editions of this form are obsolete.

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DATA PROCESSED BY USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34058 SAN FRANCISCO GERMANY/CELESTIAL AAF 60-70

PAGE 2

WET BULB TEMPERATURE DEPRESSION (F)

Type	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. & W.B. Obs.	TOTAL Wet B. Obs.
TOTAL	11,746,626	11.0	8.5	.5	.3	.1												3891	3735
																		3735	2735

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.	23902705	294715	78.91	13.172	3735							
Dry Bulb	5902461	147453	37.9	8.993	3891		156.7					672
Wet Bulb	4780302	131582	35.2	8.796	3735		237.0					672
Dew Point	3983621	117397	31.4	8.868	3735	.7	338.8					672

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

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AIR WEATHER SERVICE/ MAC
SAF ETAC

PSYCHROMETRIC SUMMARY

24068 SA [illegible] WEATHER/CLIMATE AGE 80-7[illegible]

PAGE 1 OF [illegible]

°F	WET BULB TEMPERATURE DEPRESSION (°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 29-32 ≥33	TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	TOTAL Dew P.
80/ 79	.0	1	1		
78/ 77	.0 .1	5	5		
76/ 75	.0	3	4		
74/ 73	.0 .1	9	5		
72/ 71	.0 .1 .0	5	5		
70/ 69	.0 .2 .2	9	9		
68/ 67	.0 .2 .0	14	16		
66/ 65	.0 .1 .1 .1	14	16		
64/ 63	.1 .2 .1	15	16	4	
62/ 61	.1 .4 .2 .3	41	46	5	
60/ 59	.1 .3 .7 .1 .0	59	58	7	
58/ 57	.2 .3 1.0 .5 .2	94	90	4	
56/ 55	.2 .2 1.1 1.1 .5 .0	139	141	22	1
54/ 53	.2 1.3 1.4 1.2 .4 .2	211	207	45	6
52/ 51	.7 2.2 1.8 1.1 .3 .1 .0	298	307	100	20
50/ 49	.0 1.3 2.9 2.2 1.2 .5 .1	338	389	274	97
48/ 47	.1 1.3 3.5 2.5 1.2 .3 .1	392	409	298	117
46/ 45	.1 2.6 3.6 2.6 .9 .5	472	485	374	209
44/ 43	.1 2.6 3.7 1.8 .8 .3	418	426	438	273
42/ 41	.1 3.1 2.9 1.7 .7 .1	362	379	488	373
40/ 39	.3 2.7 2.7 1.2 .4 .0	314	342	514	407
38/ 37	.1 2.6 2.2 1.2 .1	272	281	371	421
36/ 35	.4 2.4 1.5 .4 .0	226	235	383	469
34/ 33	.5 2.9 1.2 .1	224	228	342	340
32/ 31	.4 2.1 .7	141	146	261	412
30/ 29	.5 1.7 .4 .1	114	116	169	322
28/ 27	.4 1.1 .2	73	73	114	259
26/ 25	.4 .6 .1	55	55	79	235
24/ 23	.3 .4 .1	29	29	50	187
22/ 21	.1 .1	12	12	17	114
20/ 19	.1 .1	7	7	9	73
18/ 17	.1	4	4	3	53
16/ 15	.0 .1	4	4	1	17
14/ 13				2	15

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3406[illegible] [illegible] BERMUDA/COLE FLD [illegible] 60-7[illegible]
STATION NAME YEARS

PAGE 2 [illegible]

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dep. Below	TOTAL Wet Bulb Dep. Below
12/ 11																			6
10/ 9																			4
8/ 7																			1
TOTAL	4,229	329	181	51	2	5	3	1	4	1	1						2	4550	4371
																		4371	4371

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.	2353076	313750	71.8	15.201	4371							
Dry Bulb	9067754	199272	43.8	8.651	4550		72.9	7.0	2.1			744
Wet Bulb	7181461	173193	39.6	7.079	4371		120.7					744
Dew Point	5467206	150978	34.5	7.598	4371		269.0					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS [illegible] ARE OBSOLETE

DATA PROCESSI[illegible] DIVISI[illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

2400P SA[illegible] GERMANY/CHIEVRES AAF 00-7
STATION NAME YEARS

PAGE 1 ALL

Type (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Wet B. Dew P.
88/ 87											.0	.1						5	
86/ 85										.0	.1							3	
84/ 83										.1	.0	.0						6	
82/ 81									.0	.1	.1	.0						11	11
80/ 79									.1	.1	.1	.0						13	13
78/ 77								.2	.1	.1	.1							22	22
76/ 75						.0	.1	.2	.2	.2	.1	.1	.0					40	40
74/ 73						.2	.2	.3	.4	.3	.2	.2						68	68
72/ 71						.2	.2	.4	.4	.3	.1							71	71
70/ 69					.1	.3	.3	.7	.4	.3	.2							93	93
68/ 67				.0	.2	.4	.7	.7	.4	.1								113	113	5	
66/ 65				.1	.5	.6	.9	.5	.3									129	129	11	
64/ 63				.3	.4	1.0	1.1	.7	.1									167	147	31	
62/ 61		.0	.2	.6	1.5	1.1	1.2	.2										224	224	53	
60/ 59		.0	.5	1.4	1.4	1.0	.9	.1	.0									241	241	81	2
58/ 57		.2	1.5	2.2	1.4	1.1	.4	.1										312	312	152	13
56/ 55		.9	2.4	1.9	1.0	.9	.3	.0										334	334	247	53
54/ 53	.0	1.6	2.5	1.6	1.4	.5	.3											349	349	425	101
52/ 51	.1	1.8	2.4	1.7	1.0	.7	.2											357	357	498	225
50/ 49	.2	2.1	2.5	2.1	1.3	.6												407	407	516	329
48/ 47	.3	1.7	2.6	2.2	1.0	.2												358	358	405	448
46/ 45	.2	2.5	2.4	2.1	.7	.1												359	359	421	438
44/ 43	.2	2.4	2.3	1.4	.2	.0												295	295	411	409
42/ 41	.1	2.1	1.9	.5														209	209	418	409
40/ 39	.1	1.7	1.2	.0	.0													137	137	373	454
38/ 37	.1	1.2	.5	.0														83	83	248	413
36/ 35	.1	.7	.3															46	46	113	383
34/ 33	.1	.4	.1															25	25	51	259
32/ 31		.2	.0															10	10	21	227
30/ 29	.0	.1																7	7	15	136
28/ 27	.0																	1	1	6	94
26/ 25																					55
24/ 23																					15
22/ 21																					2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34068 SAN DIEGO/MCCLELLAN AFB 60-70 APR
STATION STATION NAME YEARS MONTH

PAGE 2 466

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	1.5	19.1	23.6	18.2	12.1	9.1	7.[illegible]	4.1	2.5	1.5	.7	.3	.0					4495	4495
																		4495	4495

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	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.	21184052	298528	66.4	17.382	4495							
Dry Bulb	13146788	239274	53.2	9.551	4495		2.9	71.3	20.9	5.1		720
Wet Bulb	10186845	211870	47.1	6.678	4495		6.7	.8				720
Dew Point	7862227	185379	41.2	6.949	4495		84.7					720

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

DATA PROCESSI[illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34069 SA DIEGO/MARINE CORPS AIR STATION/MCAS 60-72 [illegible]

PAGE 1 ALL

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dew Point
92/ 91																					•0	•0											3	3
90/ 89																					•1	•1											6	6
88/ 87																				•0	•0	•1											7	7
86/ 85																			•0	•0		•2											13	13
84/ 83																		•1	•1	•2	•2	•4											44	44
82/ 81																		•0	•1	•4	•3	•2											48	48
80/ 79											•0	•0						•2	•5	•5	•3												68	68
78/ 77											•0	•3						•4	•5	•3	•2	•2											87	87
76/ 75											•2	•4						•9	•5	•3	•2	•0											108	108
74/ 73									•2		•4	•3						•6	•7	•4	•1	•0											131	131
72/ 71							•0		•4		•7	•8						•6	•6	•3	•2												165	165	1
70/ 69					•0		•3		•4		•9	•8		1.0	•3			•0	•2														203	203	12
68/ 67				•0		•1		•3		•9		1.4	1.6		•8			•5	•0														258	258	19
66/ 65		•0		•0		•2		•9		1.1		1.3	1.6		•7			•3															276	276	74	1
64/ 63				•1		•7		1.3		1.8		2.3	1.5		•5																		378	378	172	6
62/ 61		•0		•5		•6		1.7		1.9		1.8	•8		•1			•0															387	387	239	38
60/ 59		•0		•9		1.6		1.8		2.3		1.8	•4		•2																		412	412	304	100
58/ 57		•2		1.6		2.[illegible]		2.5		2.[illegible]		1.1	•4		•1																		453	447	143
56/ 55		•1		1.5		2.7		3.0		1.3		•5	•2																				424	424	559	255
54/ 53		•1		1.6		2.0		2.0		•7		•2	•0																				334	334	62[illegible]	346
52/ 51		•2		1.7		2.3		1.1		•4		•1																					262	262	64[illegible]	440
50/ 49		•1		1.8		2.[illegible]		•6		•3		•0																					219	219	541	541
48/ 47		•0		1.3		1.1		•3		•2																							137	137	383	569
46/ 45		•1		1.1		•5		•0		•1																							88	88	260	605
44/ 43		•1		•4		•4		•1																									46	46	135	492
42/ 41				•2		•1																											15	15	74	382
40/ 39		•0		•3		•1																											18	18	38	246
38/ 37		•0		•1																													5	5	19	166
36/ 35				•0																													1	1	6	123
34/ 33				•0																													1	1	2	46
32/ 31				•0																													1	1	1	35
30/ 29																																				17
28/ 27																																				15
26/ 25																																				2

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SA DRESDEN GERMANY/COLLEGE AAF 60-70

PAGE 2

WET BULB TEMPERATURE DEPRESSION (F)

TYPE F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Wet B. Dew P.
TOTAL	913	417	315	914	12.9	9.3	0.7	4.4	2.0	1.5	1.1							4568 4568	4568 4568

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.	19672895	288747	63.2	17.639	4568							
Dry Bulb	17278594	277894	60.8	9.036	4568		.2	155.8	83.9	24.9		744
Wet Bulb	13095637	243163	53.2	5.762	4568		.2	6.2				744
Dew Point	10237238	214858	47.0	6.253	4568		11.2					744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3400° SALT LAKE CITY/MUNICIPAL AP 60-70

(CAP ON NAVY)

PAGE 1 66

Temp °F	WET BULB TEMPERATURE DEPRESSION (F°) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
94/ 93											.0	.0	.0					4	4		
92/ 91											.4	.1	.0					9	9		
90/ 89										.1	.2	.2	.1					31	31		
88/ 87									.2	.1	.4	.3	.0					34	36		
86/ 85							.0	.1	.1	.5	.5	.2						72	72		
84/ 83							.1	.6	.3	.7	.3							69	69		
82/ 81						.1	.3	1.0	1.1	.5	.2							137	137		
80/ 79					.0	.4	.5	1.2	1.3	.5	.4							193	193		
78/ 77					.2	.8	1.1	1.3	1.2	.4	.1							223	223		
76/ 75			.0	.0	.4	.9	1.3	1.0	.5	.3	.1							237	237		
74/ 73				.1	.9	1.1	1.7	1.5	.7	.3	.1							272	272	3	
72/ 71			.1	.5	1.3	1.9	1.6	1.1	.6	.4								311	311	44	
70/ 69		.0	.3	.9	1.9	1.6	1.4	.6	.3	.1								319	319	92	1
68/ 67		.1	1.1	1.3	1.9	1.6	.9	.3	.2	.0								331	331	239	9
66/ 65		.5	1.9	1.7	1.4	1.5	.6	.5	.2	.1								363	363	355	46
64/ 63	.1	.9	1.4	2.1	1.3	.9	.5	.2	.2	.0								321	321	468	132
62/ 61	.0	1.2	1.7	1.9	1.3	1.0	.2	.1	.0									322	322	583	264
60/ 59	.1	1.5	2.1	1.7	.6	.6	.1	.1										295	295	519	364
58/ 57	.1	1.7	1.6	.9	.5	.3	.1											238	238	531	456
56/ 55	.3	1.3	1.5	.6	.4	.1	.0											190	190	489	565
54/ 53	.1	1.5	1.6	.4	.3													164	164	316	570
52/ 51	.0	.9	.7	.2	.3													92	92	277	482
50/ 49	.0	.6	.9	.2														43	43	198	460
48/ 47	.0	.3	.2	.1														29	29	101	301
46/ 45		.3	.1															15	15	60	211
44/ 43		.0	.1															4	4	25	164
42/ 41		.0	.0															3	3	9	98
40/ 39		.0	.0															2	2	3	83
38/ 37																				3	50
36/ 35																					17
34/ 33																					17
32/ 31																					15
30/ 29																					9
28/ 27																					2

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

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

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94068 SAN JOSE/PERNAL Y/C/LEE A. AAF 60-72

PAGE 2 ALL

WET BULB TEMPERATURE DEPRESSION (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	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	.9	1.0	1.4	1.7	2.9	1.2	2.6	1.2	1.7	1.0	.5	.1	7.3	3.9	2.1	.9	.3															4316	4316
																																4316	4316

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	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.	18,005312	268474	62.2	17.391	4316							
Dry Bulb	19942454	290664	67.3	9.228	4316			372.3	213.7	74.7	.7	720
Wet Bulb	15,406686	253532	58.7	5.849	4316			63.4	.5			720
Dew Point	12207021	227863	52.8	6.405	4316		4.3	1.7				720

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

DATA PROCESSING TEST
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

340CeP SAN DIEGO/LINDBERGH AAF 60-72

PAGE 1

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dew Point	Wet Bulb
98/ 97																.0		2	2		
96/ 95											.0	.0	.0	.0	.0			7	7		
94/ 93											.0	.0	.1	.1	.1			15	15		
92/ 91										.0	.0	.3	.2	.1				31	31		
90/ 89									.1	.2	.3	.6	.3	.0				67	67		
88/ 87							.0	.1	.2	.4	.4	.4	.4	.0				95	95		
86/ 85							.2	.2	.0	.5	.6	.5	.2					133	133		
84/ 83					.0	.1	.3	.5	.6	.6	.3	.2						122	122		
82/ 81				.0	.1	.2	.4	1.0	1.0	.7	.4	.0						167	167		
80/ 79				.0	.2	.4	.9	1.7	1.0	1.0	.2	.0						224	224		
78/ 77		.0		.0	.2	.7	1.1	1.0	.8	.3	.1							192	192	6	
76/ 75			.0	.1	.6	1.0	1.5	1.0	.9	.2								239	239	25	
74/ 73			.2	.3	1.1	1.2	1.6	1.7	.8	.1								297	297	44	2
72/ 71			.2	.5	1.4	1.4	1.4	.9	.4	.0								284	296	128	16
70/ 69		.2	.0	1.0	1.2	1.7	1.3	1.0	.1									311	311	169	32
68/ 67		.3	1.1	1.5	2.0	1.6	.8	.4										339	339	314	60
66/ 65		.5	1.7	2.2	2.2	1.2	.9	.1										395	395	427	94
64/ 63	.0	.0	2.4	2.4	1.5	1.0	.3	.0										374	374	447	213
62/ 61	.0	1.5	2.0	1.7	1.2	.7	.3											352	352	427	327
60/ 59	.1	2.0	2.2	1.2	.6	.2	.0											261	261	667	419
58/ 57	.2	1.6	1.5	1.0	.2													201	201	595	550
56/ 55	.2	1.4	1.3	.5	.1													152	152	430	606
54/ 53	.1	.9	.5	.2														72	72	312	599
52/ 51		.1	.4															24	24	193	466
50/ 49	.0	.3	.1															19	19	75	393
48/ 47	.0	.1	.0															8	8	24	253
46/ 45		.0																1	1	8	197
44/ 43																				1	113
42/ 41																					46
40/ 39																					13
TOTAL	.7	9.7	14.7	13.3	12.6	11.6	11.0	8.0	6.5	4.9	3.0	1.5	.3	.2	.0			4401		4401	
																		4401		4401	

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.	10353165	273687	62.2	17.244	4401							
Dry Bulb	21669511	306059	69.5	9.349	4401			426.4	268.1	124.6	4.1	744
Wet Bulb	16300075	266705	60.6	5.590	4401			116.6	13.5			744
Dew Point	12995654	241450	54.9	5.825	4401			18.6	.3			744

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

1

DATA PROCESSED BY AFETAC
SAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34058 SAN DIEGO/NAVAL AIR STATION/MCAS MIRAMAR 59-73

STATE 1

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				
96/ 95																				.0	.0	.0	.1	.0							1	1		
94/ 93																				.1	.0	.1	.0								11	11		
92/ 91														.0				.1		.2	.1	.1	.0								29	29		
90/ 89														.0				.3		.2	.2	.2									35	35		
88/ 87														.1	.3			.3		.2	.1										57	57		
86/ 85											.1			.3	.3			.6		.3											85	85		
84/ 83									.0		.3			.4	.6			.5		.2	.0										106	106		
82/ 81								.0	.1		.5			.7	.5			.6		.2											128	128		
80/ 79								.1	.3		.9			1.3	1.0			.4		.2											205	205		
78/ 77						.0		.2	.8		.8			1.0	.5			.2		.0											190	190	2		
76/ 75						.3		.3	1.5		1.1			1.4	.7			.1													290	290	4		
74/ 73				.1		.6		1.2	1.7		1.6			1.3	.4			.2		.0											316	316	39	1	
72/ 71			.0	.3		1.1		1.5	1.5		1.4			.7	.4																375	375	94	2	
70/ 69			.1	1.1		1.5		1.8	1.9		1.2			.9	.1																428	428	182	0	
68/ 67			.3	2.2		1.8		1.8	1.7		1.3			.4																	449	449	342	48	
66/ 65		1.3	2.1		1.7		2.1		1.1		.5			.1																	437	437	441	150	
64/ 63	.1	1.6	2.0		2.3		1.7		1.0		.2																				501	501	584	326	
62/ 61	.2	2.3	2.4		1.7		1.1		.4																						396	396	666	461	
60/ 59	.2	1.9	2.2		1.4		.3		.1																						304	304	742	529	
58/ 57	.2	2.4	1.7		.5																										239	239	649	593	
56/ 55	.2	2.2	1.4		.1																										193	193	552	611	
54/ 53	.1	1.1	.5		.0																										64	64	367	684	
52/ 51	.1	.0	.2																												55	55	161	564	
50/ 49	.1	.3	.1																												24	24	62	430	
48/ 47	.1	.1	.0																												12	12	27	263	
46/ 45		.1																													3	3	2	164	
44/ 43																																	5	65	
42/ 41																																		23	
40/ 39																																		4	
38/ 37																																		2	
TOTAL	1.3	14.9	16.0		13.3		12.2		11.4		10.1			8.9	5.2			3.3		1.6	.5		.3		.1	.0				4926		4926		
																														4926		4926		

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.	23.54237	325925	66.2	17.39	4926							
Dry Bulb	2332253	336236	68.3	8.687	4926			405.1	220.5	94.4	3.0	744
Wet Bulb	18129969	297751	60.4	8.186	4926			101.0	6.0			744
Dew Point	1528939	273090	55.4	5.439	4926			8.6	.2			744

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

1

USAFETAC

PSYCHROMETRIC SUMMARY

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2307733	321837	70.0	17.137	4600							
Dry Bulb	1870737	291923	62.9	8.527	4639			243.8	120.7	16.8		720
Wet Bulb	1490881	260559	56.6	5.710	4600			21.9	.6			720
Dew Point	1264413	239626	52.1	5.957	4600		.8	.8				720

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PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION F

D.B. / W.B.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Pt.	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83																				.1												1	1			
82/ 81																.1																1	1			
80/ 79											.1					.1	.1															4	4			
78/ 77										.1	.1	.1				.1																6	6			
76/ 75									.1	.1	.1	.1																				18	18			
74/ 73								.1	.1	.2	.2	.3																				32	32			
72/ 71							.1	.3	.5	.3	.6	.1	.1																				62	62			
70/ 69						.1	.3	.5	.5	.4	.1	.1	.1																				86	86			
68/ 67						.1	.7	.5	.4	.1	.1																						118	118	7		
66/ 65			.1	.4	.8	.7	.7	.2	.1	.1																						171	176	20	1	
64/ 63		.1	.2	.3	.5	.6	.6	.3	.1																							224	236	43	8	
62/ 61	.1	.3	.3	.4	.4	.5	.5	.1	.1																							242	242	121	17	
60/ 59	.1	1.3	1.4	1.3	1.2	.5	.2																									317	317	251	70	
58/ 57	.1	2.0	1.4	1.2	1.1	.7	.1																									417	417	356	199	
56/ 55	.2	2.3	2.3	2.4	1.5	.3																										486	486	401	310	
54/ 53	.3	3.1	2.9	2.3	1.2	.1																										453	483	427	362	
52/ 51	.5	2.4	2.7	1.3	.3	.1																										352	382	509	423	
50/ 49	.7	3.3	2.5	1.3	.2																											388	388	463	431	
48/ 47	1.2	3.4	2.3	.6																												334	394	547	482	
46/ 45	1.7	3.9	1.6	.3	.1																											356	356	524	516	
44/ 43	1.1	2.5	.8	.1																												207	207	398	485	
42/ 41	.6	2.1	.4	.1																												148	148	238	450	
40/ 39	.6	1.3	.1																													109	109	169	371	
38/ 37	.6	1.2	.1																													92	92	107	296	
36/ 35	.5	.5																														47	47	72	165	
34/ 33	.4	.3																														33	33	47	78	
32/ 31	.1	.2																														14	16	16	28	
30/ 29	.2	.1																														11	11	11	34	
28/ 27	.0																															2	2	3	12	
26/ 25																																				1
TOTAL	9.4	32.1	23.5	16.6	9.6	5.3	2.5	.7	.3	.1	.1																					4749		4749		4749
																																4749		4749		

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.	30159929	372129	78.41	14.513	4749		4.5	46.6	9.9	1.8	—	744
Dry Bulb	19689018	253604	53.4	8.537	4749		4.5	46.6	9.9	1.8	—	744
Wet Bulb	11784000	233404	49.6	6.764	4749		5.3	1.1				744
Dew Point	10390448	219846	46.3	8.699	4749		13.2					744

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

1

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION F

| | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34006 SA DRUPE, GERMANY/SOUTHERN AAF 59-70 DEC

PAGE 1 ALL

DB/WB	WET BULB TEMPERATURE DEPRESSION 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	31-32	TOTAL DB-WB	TOTAL WET BULB	DEW POINT	
64/ 63				.0													1	1		
62/ 61			.1	.1	.0	.0											2	2		
60/ 59			.2	.2	.0												15	15		
58/ 57		.2	.3	.0	.2												32	32	4	
56/ 55		.1	.4	.1	.0												29	29	24	7
54/ 53	.0	.2	.5	.0	.1												34	34	26	13
52/ 51	.1	.6	.4	.0	.1												54	54	47	22
50/ 49		.0	.5	.3	.1												89	89	62	46
48/ 47	.0	.8	1.9	.7													161	161	45	62
46/ 45	.1	2.1	2.7	.5													247	247	120	63
44/ 43	.0	3.5	2.5	.2	.0												296	296	218	70
42/ 41		2.1	2.8	.4													214	214	339	161
40/ 39	.3	4.8	3.5	.3	.0												402	402	293	257
38/ 37	.6	7.9	2.6	.1	.0												511	511	426	293
36/ 35	1.5	7.6	1.9	.2													510	510	533	482
34/ 33	1.7	7.3	1.3	.0													470	470	513	580
32/ 31	1.7	4.7	.8	.0													330	330	464	563
30/ 29	1.8	3.9	.6	.0													291	291	363	422
28/ 27	1.8	3.1	.1														228	228	295	334
26/ 25	1.1	1.8	.1														136	136	175	279
24/ 23	1.1	2.4	.1														164	164	146	239
22/ 21	1.4	.8															99	99	137	184
20/ 19	1.0	.6															75	75	81	169
18/ 17	.7	.5															55	55	56	111
16/ 15	.5	.6															47	47	44	54
14/ 13	.4	.4															34	34	41	58
12/ 11	.1	.1															9	9	16	29
10/ 9	.2	.0															8	8	10	29
8/ 7	.1	.0															6	6	6	27
6/ 5																				12
4/ 3																				5
2/ 1																				4
TOTAL	16.3	56.0	23.3	3.2	.6	.0												4545		4545
																	4545		4545	

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.	32144008	379886	83.6	9.310	4545							
Dry Bulb	60891107	161553	35.5	8.684	4545		242.6					744
Wet Bulb	54601462	153342	33.7	7.942	4545		313.7					744
Dew Point	46502770	140480	30.9	8.236	4545		412.4					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34058 SA DRUFF GERMANY/COLEMAN AAF 64

PAGE 1 0000-0200

	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL DB WB DP	TOTAL
	0	1	2	3-4	5-6	7	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		
28/ 27	0																									1 1 1	1
26/ 25																											
TOTAL	0																									1	1
																										1 1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8464	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 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SA DRESDEN GERMANY/COLEMAN AAF 62-65 JAN

PAGE 1 2300-0500

T	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.	D.B.	W.B.	D.P.
48/ 47		2.2	1.1															3		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																6		6	7	7
36/ 35	2.2	4.4																6		6	6	6
34/ 33	4.4	7.7																11		11	9	9
32/ 31	3.3	5.5	1.1															9		9	10	3
30/ 29	3.3	5.5																8		8	1	10
28/ 27		3.3																3		3	2	6
26/ 25	4.4	1.1																5		5	8	3
24/ 23	3.3	2.2	1.1															6		6	4	4
22/ 21	1.1	3.3																4		4	2	6
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	3
10/ 9	1.1	2.2																3		3	3	2
8/ 7																						2
6/ 5	2.2																	2		2	2	1
4/ 3																						3
2/ 1																						1
0/ -1	1.1																	1		1	1	
-4/ -5																						1
TOTAL	34.1	53.6	12.1																91			91
																		91		91		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	68193	7840	86.2	8.488	91							
Dry Bulb	89943	2699	29.7	10.434	91	1.0	52.1					93
Wet Bulb	82944	2596	28.5	9.937	91	1.0	57.2					93
Dew Point	71470	2360	25.9	10.690	91	1.0	63.4					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 0600-0800

Temp F		WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
50/	49		.3	.1															4	4		
48/	47		2.1	1.5	.3														34	34	5	1
46/	45		2.2	1.3	.2														32	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															76	76	69	47
36/	35	1.3	6.5	.5															72	72	80	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																38	38	34	43
20/	19	.9	1.0																17	18	28	26
18/	17	1.0	1.5																22	22	19	24
16/	15	.6	.8																12	12	10	29
14/	13	1.8	.8																23	23	28	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																8	8	9	9
4/	3	.2																	2	2	2	15
2/	1	.2																	2	2	2	7
0/	-1																					10
-2/	-3																					1
-8/	-9																					1
TOTAL		30.3	59.0	9.6	.9															879		878
																			879		878	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6495763	76321	86.9	8.372	878							93
Dry Bulb	962002	27726	31.6	9.944	879		45.4					93
Wet Bulb	890101	26702	30.4	9.429	878		48.2					93
Dew Point	780954	24618	28.0	10.169	878	1.3	57.4					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34068 SANDEN GERMANY/COLEMAN AAF 60-70 JAN

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry B.	Wet B.	Dew P.
54/ 53			.1															1	1			
52/ 51			.2	.2														4	4			
50/ 49		1.1	.9	.1														14	14	1		
48/ 47		1.2	1.4	.9														32	32	14		2
46/ 45		1.6	1.5	.4														33	33	17		15
44/ 43	.2	2.8	1.7	.2														47	47	35		16
42/ 41	.3	5.0	3.1															83	83	63		27
40/ 39	.1	4.5	2.2															82	82	74		50
38/ 37	.5	5.7	1.8	.1														74	74	79		67
36/ 35	.5	5.8	.4															62	62	69		86
34/ 33	2.3	6.5	.4															95	95	97		91
32/ 31	2.2	5.1	.3															78	78	84		95
30/ 29	2.4	4.3	.2															69	69	68		92
28/ 27	1.9	4.5	.2															62	62	62		55
26/ 25	2.1	3.0	.2															48	48	59		36
24/ 23	.9	3.3																39	38	35		68
22/ 21	1.1	2.3																31	31	34		35
20/ 19	.9	1.2	.1															22	22	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																9	8	14		17
8/ 7	.1	.3																4	4	2		12
6/ 5	.5																	5	5	7		7
4/ 3	.2	.1																3	3	3		15
2/ 1	.1																	1	1	1		8
0/ -1																						2
-2/ -3																						3
TOTAL	19.4	54.2	14.4	2.0															914			914
																		914		914		

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.	6618314	77208	84.6	8.724	914							
Dry Bulb	1053992	29736	32.5	9.737	914		42.4					93
Wet Bulb	958596	28396	31.1	9.147	914		47.2					93
Dew Point	821331	25681	28.2	9.844	914	.5	57.0					93

USAFETAC FORM 0-26 5 (OL A) JUL 68 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB	TOTAL WB	TOTAL Dew Point	TOTAL Elapsed Hours
58/ 57						.1												1	1		
56/ 55					.2													2	2		
54/ 53					.3	.1												4	0		
52/ 51		.1	.0	.4	.1													11	11		
50/ 49		.7	2.[illegible]	.1	.1													26	26	3	
48/ 47		1.1	3.[illegible]	1.6														51	51	22	2
46/ 45		2.7	2.6	1.5	.1													69	43	40	13
44/ 43		4.3	3.3	.4														71	71	55	28
42/ 41		3.5	3.9	1.0														75	75	73	37
40/ 39		3.3	1.5	.2														44	44	73	66
38/ 37	.2	4.4	1.9	.6														63	43	68	65
36/ 35	.8	4.6	2.6															71	71	70	75
34/ 33	1.1	6.6	1.6															63	83	85	98
32/ 31	2.1	5.8	.6	.1														77	77	101	96
30/ 29	.6	4.5	1.1	.1														58	58	63	83
28/ 27	.7	2.9	1.2															43	43	47	61
26/ 25	1.1	1.9	1.1															36	36	47	45
24/ 23	.1	3.0	.4															32	32	26	48
22/ 21	.7	1.5																19	19	36	27
20/ 19	.3	2.2	.1															24	24	25	23
18/ 17		1.5	.1															14	14	21	24
16/ 15		1.1																10	10	11	31
14/ 13		.4																4	4	8	19
12/ 11	.4	.1																5	5	6	16
10/ 9	.1																	1	1	2	13
8/ 7																					6
6/ 5																					9
4/ 3																					2
2/ 1																					1
TOTAL	8.5	56.2	27.9	6.1	1.1	.2													890		890
																		890		890	

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.	37829[illegible]6	71128	79.9	10.524	890							
Dry Bulb	11948[illegible]29	31625	35.5	8.941	890		33.8					93
Wet Bulb	1[illegible]501[illegible]48	29684	33.4	8.222	890		41.1					93
Dew Point	860606	26482	29.8	9.039	890		52.9					93

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

DATA PROCESSI[illegible] DIVISI[illegible]
USAF ETAC
AIR [illegible]EATHER SERVICE/[illegible]AC

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PSYCHROMETRIC SUMMARY

34066 SA[illegible]BURG GERMANY/COLEMAN AAF 60-70 [illegible]A

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F.) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
58/ 57					.4													3	3			
56/ 55					.4													3	3			
54/ 53				.1														1	1			
52/ 51		.1	.7	.6	.1													13	13			
50/ 49		1.1	1.5	.9														30	30	7		1
48/ 47		1.3	2.9	1.1	.1													44	46	24		4
46/ 45	.1	2.9	1.9	.6														47	47	34		17
44/ 43	.1	2.9	4.3	1.5														74	76	56		23
42/ 41	.1	3.5	3.5	.7														67	67	62		45
40/ 39	.5	3.2	2.5	.2														54	54	83		59
38/ 37	.4	4.2	1.2	.2														51	51	61		80
36/ 35	1.3	6.5	2.[illegible]	.2														85	85	74		90
34/ 33	1.6	8.1	1.9	.1														100	100	84		93
32/ 31	1.5	4.1	.9	.1														57	57	112		93
30/ 29	.5	3.6	1.2															45	45	47		84
28/ 27	.2	2.9	1.6															37	37	35		63
26/ 25	1.2	3.9	.9															51	51	49		29
24/ 23	.7	1.6	.4															23	23	42		50
22/ 21	.5	1.8	.2															21	21	25		30
20/ 19		2.2	.1															2[illegible]	2[illegible]	15		15
18/ 17	.1	.7	.1															[illegible]	8	19		30
16/ 15	.1	.7																7	7	11		30
14/ 13	.1	.1																2	2	5		13
12/ 11	.2																	2	2	2		12
10/ 9	.2																	2	2	2		16
8/ 7																						10
6/ 5																						3
-2/ -3																						1
TOTAL	9.5	55.6	27.5	6.5	.9														851			851
																		851		851		

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.	5546097	68079	80.0	10.871	851							
Dry Bulb	1157363	30513	35.9	8.644	851		30.1					93
Wet Bulb	1019505	28661	33.7	7.987	851		39.8					93
Dew Point	837543	25601	30.1	8.903	851	.1	52.9					93

USAFETAC FORM 0-26-5 (OL-A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24068 SHEPPARD AFB/WICHITA FALLS MAP 01-71

Temp. F		WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	D.P.	Temp. F
56/	55					.2													1	1		
54/	53					.2													1	1		
52/	51			.4	.2														2	2		
50/	49		1.3	1.9	1.1														4	4		
48/	47		1.4	1.6	.2														3	3	1	1
46/	45		3.0	2.1															5	5	2	1
44/	43		4.1	3.2	.6	.2													8	8	3	1
42/	41	.5	2.9	3.7	.5														7	7	4	2
40/	39	.5	4.4	1.7	.2														7	7	4	4
38/	37	.5	6.5	.3															7	7	0	4
36/	35	.8	5.4	.6															7	7	3	4
34/	33	2.2	9.5	1.9															14	14	8	1
32/	31	3.0	6.2	.2															9	9	7	6
30/	29	1.0	4.6	.6															6	6	5	4
28/	27	1.0	3.8	.6															5	5	4	5
26/	25	1.1	3.3	.2															4	4	3	3
24/	23	1.0	3.7	.5															5	5	3	1
22/	21	1.0	1.1																2	2	2	2
20/	19		1.0																1	1		2
18/	17	.5	.6																1	1	1	2
16/	15	.3	.2																0	0	0	1
14/	13	.5	.5																1	1	1	1
12/	11	.2	.5																1	1	1	0
10/	9																					0
8/	7	.2																	0	0	0	0
6/	5																					0
TOTAL		14.0	64.0	18.9	2.7	.5													630	630	43	630

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.	4443490	52590	83.5	9.270	630							
Dry Bulb	1142?	21999	34.9	8.291	630		34.4					93
Wet Bulb	731151	20911	33.2	7.677	630		41.5					93
Dew Point	620331	19079	30.3	8.243	630		53.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO BERNARDO/COLE FLD AAF 01

DATE 1 2100-2300

WET BULB TEMPERATURE DEPRESSION (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	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
42/ 41			5.3																													1		1		
40/ 39		10.5																														2		2		
38/ 37	5.3	10.5																														2		3		
36/ 35																																			1	4
34/ 33		15.8																														3	3	1	2	
32/ 31		10.5																														2	4	2	1	
30/ 29		10.5																														2	2	3	2	
28/ 27		15.8																														3	3	1	2	
26/ 25																																		3	1	
24/ 23	5.3		5.3																													2	2	1	3	
22/ 21		5.3																														1	1	1	2	
20/ 19																																		1		
18/ 17																																				1
12/ 11																																				1
TOTAL	10.5	78.9	10.5																														19			19
																																19		19	

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.	131082	1572	82.7	7.527	19							
Dry Bulb	20269	611	32.2	5.871	19		48.9					93
Wet Bulb	18393	581	30.6	5.900	19		58.7					93
Dew Point	15157	521	27.4	6.955	19		63.6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34008 SAN ANTONIO/RANDOLPH AAF 62-65

Feb

PAGE 1 1300-1500

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL Dew Pt
44/ 43		4.9																4	4	1
42/ 41		4.9	1.2															5	5	3
40/ 39	3.7	3.7	1.2															7	7	4
38/ 37		7.3																6	6	3
36/ 35	3.7	2.4																5	5	5
34/ 33	1.2	2.4																3	3	9
32/ 31	2.4	6.1	1.2															9	9	5
30/ 29	2.4	8.5	1.2															10	10	4
28/ 27	3.7	6.5																10	10	9
26/ 25		6.1																5	6	5
24/ 23	1.2	1.2																2	2	10
22/ 21	2.4	1.2																3	4	5
20/ 19	1.2	3.7																4	2	3
18/ 17	1.2																	1	3	1
16/ 15	1.2																	1	1	5
14/ 13		1.2																1	1	2
12/ 11	1.2																	1	1	
10/ 9	3.7	1.2																4	4	1
8/ 7	1.2																	1	1	1
6/ 5	1.2																	1	1	3
4/ 3																				2
2/ 1																				1
TOTAL	31.7	83.4	4.9															82	82	82

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.	626304	7144	87.1	6.996	82							84
Dry Bulb	78236	2414	29.4	9.409	82		53.3					84
Wet Bulb	73240	2336	28.5	9.090	82		55.3					84
Dew Point	63391	2135	26.0	9.915	82		50.4					84

USAFETAC FORM 0-26-5 (OL-A) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO/MONTGOMERY/GOODE FLD AAF 60-70

FEB

PAGE 1

°F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL OBS	TOTAL WBS		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
56/ 55				.1	.7																									4	6		
54/ 53			.3	.3	.3																									2	2		
52/ 51			.3	.5	.1	.1																								1	1	3		
50/ 49			.5	1.1	.8																									18	21	14	3
48/ 47		1.7	2.4																											31	34	9	3
46/ 45		2.4	.5																											28	28	34	21
44/ 43	.7	4.3	.6	.3																										48	45	46	34
42/ 41	.5	3.2	.7	.1																										34	37	38	33
40/ 39	1.3	4.4	2.1																											39	41	47	47
38/ 37	1.3	7.3	.7																											72	78	67	49
36/ 35	2.7	5.2	.6																											68	73	84	76
34/ 33	1.5	5.3	.4																											52	56	56	67
32/ 31	2.4	5.7																												51	48	59	74
30/ 29	2.3	4.5	.7																											34	41	51	51
28/ 27	3.6	4.5	1.1																											69	70	69	42
26/ 25	1.9	2.8	.4																											35	36	43	45
24/ 23	.7	2.4	.1																											26	24	29	45
22/ 21	1.1	1.5																												19	19	21	19
20/ 19	1.5	.7	.3																											13	16	22	25
18/ 17	.4	.1	.3																											4	6	6	34
16/ 15	.4	.1																												4	4	6	15
14/ 13	.3	.1																												3	3	3	3
12/ 11	1.3	.3																												12	12	12	9
10/ 9	1.1	.4																												11	11	10	6
8/ 7	.5	.1																												5	5	6	12
6/ 5	.4																													3	3	3	10
4/ 3																																	7
2/ 1																																	1
0/ -1																																	3
TOTAL	25.7	58.3	13.0	2.3	.1																										792		750
																														75?		75?	

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.	3655720	64786	96.4	8.982	752							
Dry Bulb	9879785	26941	34.0	7.511	792		35.5					94
Wet Bulb	851939	24359	32.5	9.009	752		39.4					94
Dew Point	747100	22550	30.1	9.580	792	.2	46.7					94

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3403[illegible] SAN ANTONIO INTERNATIONAL AIRPORT 60-70

PERIOD

PAGE 1 1900-1[illegible]

DB / WB	WET BULB TEMPERATURE DEPRESSION 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	TOTAL D.B.	TOTAL W.B.	TOTAL Dew B.	TOTAL Dew P.
58/ 57	.1	1	2		
56/ 55	.2 .5 .2 .1	2	5		
54/ 53	.4 .2 .2	9	5		
52/ 51	1.1 1.1	18	16	4	
50/ 49	.2 2.5 .4	25	26	9	
48/ 47	2.1 1.5 .4	39	34	24	7
46/ 45	2.7 1.2 .9	39	40	43	19
44/ 43	.9 3.4 2.2 .0	55	57	43	44
42/ 41	.1 4.0 1.7 .2	54	56	49	36
40/ 39	1.[illegible] 6.2 2.1	78	81	62	56
38/ 37	.7 6.[illegible] 1.0 .2	69	78	82	55
36/ 35	2.4 6.5 1.7 .2	97	97	89	90
34/ 33	1.0 5.0 2.2 .2	78	80	74	83
32/ 31	.9 5.5 1.9 .2	68	69	79	68
30/ 29	.5 4.9 1.[illegible]	51	52	60	45
28/ 27	1.1 2.4 1.2	28	30	54	55
26/ 25	.9 2.[illegible] .5 .1	29	25	42	43
24/ 23	.5 1.2 .1	15	15	25	40
22/ 21	.4 .5 .1	8	8	11	29
20/ 19	.2 .3 .1	[illegible]	9	7	31
18/ 17	.5 .7	5	5	12	10
16/ 15	.1 .2	2	3	[illegible]	7
14/ 13	.6 .7	11	11	1[illegible]	15
12/ 11	.4 .2	[illegible]	5	[illegible]	7
10/ 9	.3 .2	[illegible]	6	[illegible]	8
8/ 7	.2 .1	[illegible]	3	3	7
6/ 5				1	5
4/ 3					7
2/ 1					2
TOTAL	13.3 [illegible]6.7 23.0 5.7 .5 .1	[illegible]2	847		802
				502	

Element X	Σx	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
Dry Bulb	5497[illegible]8	95858	82.1[illegible]	[illegible].5[illegible]2	802							
Wet Bulb	1177195	30673	36.2	8.866[illegible]	847		25.3					84
Dew Point	[illegible]82648	27274	34.0	8.2[illegible]6	802		33.8					84
	837910	24766	30.9	9.0[illegible]7	802		42.9					84

USAFETAC FORM 0-8[illegible] [illegible]

1

DATA PROCESSED BY ASI
SAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

340[illegible] [illegible] FOR MAY/JUNE AT [illegible] 60-70

[illegible] FOR 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				
62/ 61								.1	.1																			2			
60/ 59						.1		.4	.4	.1																		11			
58/ 57								.7	.1	.1																		11			
56/ 55						.5		.4	.1																			2	1		
54/ 53				.4	1.1	.5																						17	2		
52/ 51	.1	.1	1.1	1.0	1.2																							33	7	1	
50/ 49		1.5	2.7	1.5	.4																							52	24	1	
48/ 47		2.3	1.0	3.0	.4																							59	41	5	
46/ 45		1.3	2.5	1.3	.1																							41	44	24	
44/ 43		3.0	2.7	.9	.3																							50	42	39	
42/ 41	.5	2.9	3.7	1.5	.3	.1	.1																					72	41	45	
40/ 39	.5	3.4	4.4	2.2	.7	.1																						94	69	55	
38/ 37	1.3	4.8	3.9	1.6	.3																							99	96	81	72
36/ 35	.0	3.7	3.0	1.4	.1																							74	79	89	84
34/ 33	.5	2.4	2.1	.9																								47	47	71	76
32/ 31	.3	2.7	2.7	.3	.1																							47	47	7	57
30/ 29	.6	2.2	.9	.1																								29	26	54	50
28/ 27	.0	1.2	.4	.1																								17	17	45	61
26/ 25	.1	.5	.3																									7	7	17	48
24/ 23		.5	.1																									5	5	4	34
22/ 21		.3																										7	7	7	24
20/ 19		1.2																										5	5	9	19
18/ 17	.1	.6																										4	6	12	13
16/ 15	.3																											2	2	4	15
14/ 13		.1																										1	1		15
12/ 11																														1	7
10/ 9																															4
8/ 7																															1
6/ 5																															2
4/ 3																															1
2/ 1																															1
0/ -1																															1
TOTAL	5.6	33.8	32.0	10.2	6.2	1.0	.6																					791	627	791	

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.	448957	56566	74.1	13.931	791							
Dr. Bulb	139357	33270	40.2	9.149	827		13.0					84
Wet Bulb	1113394	29098	36.8	7.376	791		24.0					84
Dew Point	872006	25340	32.0	8.732	791	.1	38.9					84

USAFETAC FORM 0-26-5 (OLD)

1

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION F

DB 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	TOTAL DB	TOTAL WB	TOTAL DP
64/ 63											.1																								
62/ 61										.4	.4																								
60/ 59										.4	.5	.1	.0																						
58/ 57								.1		.2	.4																								
56/ 55						.0		.1			.3																								
54/ 53					.0	.0		.0	.2	.2																									
52/ 51		.1		.2	.2	.0		.3	.3	.3																									
50/ 49			.1	.1	.0		.2	.2	.4		.4																								
48/ 47			.1	.2	.2	.2	.2	.1																											
46/ 45			.1	.7	.2	.3	.3	.2																											
44/ 43		.4	.2	.2	.2	.1	.1	.7																											
42/ 41		.5	.3	.4	.3	.3	.2	.1	.4	.4	.1																								
40/ 39		.3	.2	.2	.4	.0	.2	.0	.7	.1																									
38/ 37		.0	.3	.0	.3	.4	.3	.0	.7																										
36/ 35		.4	.3	.4	.2	.2	.1	.1	.1																										
34/ 33		.1	.2	.4	.0		.0	.4																											
32/ 31		.3	.2	.3	.1	.2		.3																											
30/ 29		.4	.1	.5	.1	.2																													
28/ 27		.4		.1																															
26/ 25		.4		.7		.4																													
24/ 23				.1																															
22/ 21				.3																															
20/ 19				.2																															
18/ 17																																			
16/ 15		.4																																	
14/ 13																																			
12/ 11																																			
10/ 9																																			
8/ 7																																			
TOTAL		4.5	3.1	3.8	2.9	2.1	1.9	2.0	2.7	2.5	.4	.3																							

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
Dry Bulb	1395371	32603	41.3	7.949	790		9.9					84
Wet Bulb	1103471	28411	37.5	7.013	757		21.5					84
Dew Point	515314	24535	32.5	8.399	757		39.8					84

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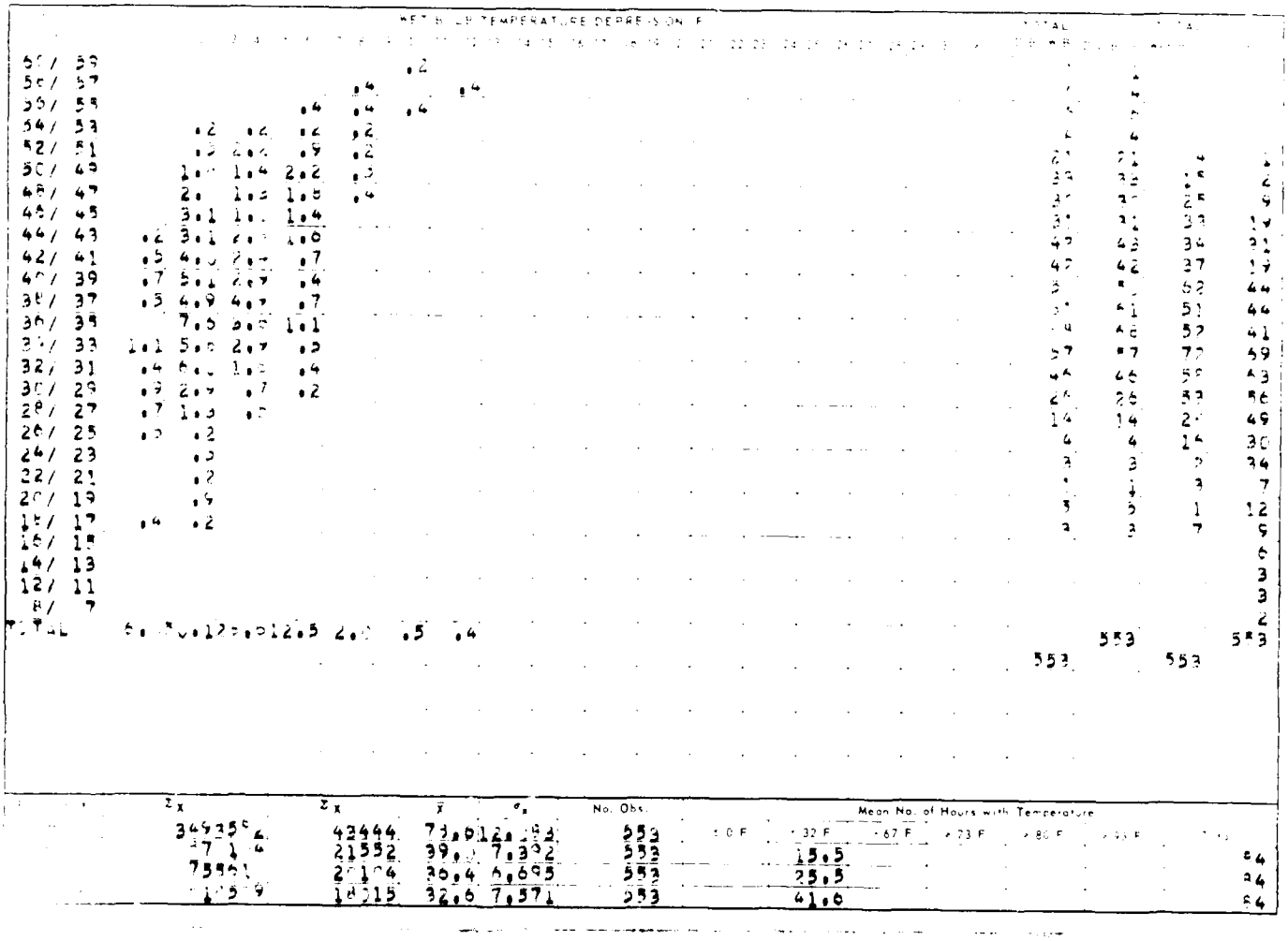
PSYCHROMETRIC SUMMARY



DATA PROCESSED DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

340OP SW DEGREE TERMINAL/CELLE A AAF 62-64

AT

TAPE 1 1300-1800

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew P.
54/ 53		1.4																1	1			
52/ 51																				1		
50/ 49		1.4																1	1	1	1	1
48/ 47		2.7																2	2	1	1	1
46/ 45		4.1	1.4	2.7														4	4	1	1	1
44/ 43		2.7																2	2	2	2	2
42/ 41		10.6	2.7	1.4														11	11	4	4	4
40/ 39		6.1	1.4															7	7	7	6	6
38/ 37	1.4	4.1																4	4	7	6	6
36/ 35	4.1																	3	3	-	11	11
34/ 33	1.4	4.1	1.4															5	5	1	2	2
32/ 31	2.7	4.1																5	5	5	4	4
30/ 29	2.7	4.1																5	5	6	6	6
28/ 27	2.7	4.1	1.4															8	8	5	4	4
26/ 25	4.1	9.5																10	10	9	2	2
24/ 23	2.7	2.7																4	4	3	6	6
22/ 21	1.4																	1	1	2	10	10
20/ 19		1.4																1	1	1	3	3
18/ 17																					2	2
16/ 15																					1	1
TOTAL	23.0	64.9	6.1	4.1															74			74
																		74		74		

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.	563293	6419	86.7	9.428	74							
Dry Bulb	94338	2574	34.8	8.113	74		40.2					93
Wet Bulb	86781	247.	33.4	7.646	74		45.2					93
Dew Point	76601	2301	31.1	8.319	74		50.3					93

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

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO TERMINAL/SELFRIDGE AAF 6007

PAGE 1 0400-0800

F	WET BULB TEMPERATURE DEPRESSION 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	TOTAL WB	TOTAL DB	TOTAL Wet B	TOTAL Dew P
54/ 53					.1	.1																										2	2		
52/ 51			.3	.7	.2																											11	12		
50/ 49		1.6	3.1	.2	.1																											48	51	17	4
48/ 47	.2	2.0	1.7	.2	.1																											38	44	27	9
46/ 45	.1	3.5	2.3	.9																												29	37	53	21
44/ 43	.4	3.4	3.0	.1																												17	26	64	53
42/ 41	.4	3.2	4.	.1																												17	28	66	71
40/ 39	1.0	6.2	2.3	.1																												0	99	110	71
38/ 37	.4	4.0	1.9	.2																												59	45	91	73
36/ 35	1.0	3.4	1.1																													67	72	68	97
34/ 33	2.1	6.1	1.2																													64	86	93	93
32/ 31	1.2	6.1	.7																													69	74	71	89
30/ 29	1.6	4.3	.3																													53	53	69	73
28/ 27	1.1	3.7	.3																													46	46	54	52
26/ 25	1.3	2.5																														38	35	40	55
24/ 23	1.5	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																																			3
8/ 7																																			1
TOTAL	12.6	61.1	29.3	2.2	.3																											891	939	891	891

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.	639805	75112	84.3	6.515	891							
Dry Bulb	1353447	35345	37.6	7.519	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					93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO, CALIFORNIA/NAS MIRAMAR 60-74

PAGE 1 1100-1159

°F	WET BULB TEMPERATURE DEPRESSION °F																											TOTAL DB-WB	TOTAL
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>30		
68/ 67													.1																					
66/ 65									.1	.1	.1																						3	3
64/ 63							.1	.3	.1																								5	5
62/ 61								.5																									5	5
60/ 59							.7	.7	.1																								15	15
58/ 57					1.2	1.3	.2																										26	26
56/ 55			1.1	2.3	.9	.5	.1																										49	49
54/ 53			2.3	3.4	1.2	.7																											76	76
52/ 51	.1	2.1	4.5	2.1	.4	.1																											88	88
50/ 49	.2	3.1	4.	2.2	.3																												95	95
48/ 47		4.0	4.0	1.3		.1																											99	99
46/ 45	.1	4.8	3.0	1.7	.4	.1																											103	103
44/ 43	.1	3.5	3.2	1.5	.1																												83	113
42/ 41		4.7	3.4	1.5	.2																												91	91
40/ 39	.3	2.5	3.2	.4																													93	93
38/ 37	.5	2.5	2.3	.3																													57	57
36/ 35	.5	2.5	1.5																														37	37
34/ 33	.4	2.4	.7																														32	32
32/ 31	.2	.9	.9																														13	13
30/ 29	.3	.5	.2																														10	10
28/ 27	.1	.3	.1																														5	5
26/ 25	.2	.2																															4	4
24/ 23	.1	.1																															2	2
22/ 21																																		
20/ 19																																		
18/ 17																																		
16/ 15																																		
14/ 13																																		
12/ 11																																		
10/ 9																																		
TOTAL	3.4	37.0	30.0	15.3	4.6	.8	.2																										966	915

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.	5422705	69727	76.0	11.748	918							
Dry Bulb	1740565	40395	41.8	7.297	966		9.9	.1				93
Wet Bulb	1402792	35364	38.5	6.643	918		18.8					93
Dew Point	1135122	31546	34.4	7.536	918		35.7					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 [illegible] 60-74

[illegible] PAGE 1 1200-1400

°F	WET BULB TEMPERATURE DEPRESSION °F																										TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	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				
78/ 77														.1																	1	1		
76/ 75														.1																	1	1		
74/ 73														.1																	1	1		
72/ 71												.1		.2																	3	3		
70/ 69														.1																	1	1		
68/ 67								.1		.1				.4																	4	9		
66/ 65										.1		.3		.2																	4	5		
64/ 63										.2		.3																			4	5	1	
62/ 61								.1		.5		.1		.1																	7	9	2	
60/ 59						.1		.5		.6		.2																			14	17	4	
58/ 57				.4		.2		1.9		.6		.3																			33	33		
56/ 55		.2		.3		2.1		2.1		.6		.1																			51	56	9	1
54/ 53				1.7		1.6		2.3		.4		.5																			51	44	21	1
52/ 51		.6		2.4		3.2		2.3		1.1		.1																			44	92	29	9
50/ 49		1.3		2.7		4.0		2.1		.4		.3																			1.3	112	74	9
48/ 47		1.3		3.		3.2		2.2		.6																					69	94	79	31
46/ 45		1.1		4.		3.7		1.9		1.2																					1.5	108	101	51
44/ 43		.9		3.2		3.1		1.6		.6																					69	91	100	67
42/ 41		1.2		1.0		1.9		1.3		.2																					54	89	95	80
40/ 39	.2	.8		2.2		1.6		1.2		.1																					53	87	99	73
38/ 37		1.2		2.4		1.4		.1																							45	46	77	100
36/ 35		1.2		1.2		.4		.1																							24	25	72	64
34/ 33	.3	1.9		1.3		.2																									24	34	62	60
32/ 31	.1	.1		.7																											8	8	43	94
30/ 29		.7		.0		.2																									13	13	16	54
28/ 27		.1																													1	1	11	49
26/ 25																																	7	44
24/ 23																																		29
22/ 21																																		21
20/ 19																																		14
18/ 17																																		21
16/ 15																																		3
14/ 13																																		4
12/ 11																																		1

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3400B SAN DIEGO/TERMINAL/CABLE AFB 90-72

PAGE 2 1200-1400

WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B. W.B	TOTAL Wet B. 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													
TOTAL	712	320	327	319	7.9	2.6	1.4																						944	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	Mean No. of Hours with Temperature ≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3952715	58255	64.7	14.228	900							
Dry Bulb	2146517	44437	47.1	7.618	944		2.2	1.3	.3			93
Wet Bulb	1596212	37452	41.6	6.477	900		8.0					93
Dew Point	1165045	31585	35.1	7.934	900		34.5					93

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

DATA PROCESSED [illegible]
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

3460R SAN DIEGO TERMINAL/LINDBERGH AFB 60-71

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3 4	5 6	7-8	9-10	11-12	13 14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB ≥ WB	TOTAL DB = WB	TOTAL DB - WB	
80/ 79									.1									1	1		
78/ 77									.5									4	4		
76/ 75								.1										1	1		
74/ 73										.3								3	3		
70/ 69								.6	.1									6	6		
68/ 67							.1	.6	.1									7	7		
66/ 65						.2	.2	.5										4	4		
64/ 63						.1	.3	.1										5	5	3	
62/ 61					.3	.7	.6	1.1										24	25	3	
60/ 59				.2	.5	2.1	.1	.1										25	29		
58/ 57			.2	.7	1.0	1.6	.5											4[illegible]	4[illegible]	1	
56/ 55		.3	.2	1.5	1.6	1.[illegible]												41	45	12	
54/ 53		.3	2.3	1.9	2.2	1.4	.3											74	76	1[illegible]	5
52/ 51		.3	2.6	3.0	2.5	2.1	.2	.2										10[illegible]	10[illegible]	42	6
50/ 49	.1	.2	2.2	2.4	1.8	1.7	.3											77	86	93	13
48/ 47	.3	.3	3.7	4.7	1.9	.7	.3											107	110	69	25
46/ 45		.7	3.	3.7	1.7	1.8												9[illegible]	96	8[illegible]	47
44/ 43		1.3	2.3	2.7	1.4	.5												71	71	95	55
42/ 41		1.6	.9	2.5	1.0	.1												51	5[illegible]	122	89
40/ 39		.7	2.2	1.3	.6	.1												42	43	89	94
38/ 37		1.5	1.4	.9	.1													34	35	67	78
36/ 35	.1	1.1	1.4	.7														29	29	79	93
34/ 33	.3	.6	.9															14	14	45	55
32/ 31		.3	.2															3	3	29	64
30/ 29		.6	.2	.1														3	3	8	81
28/ 27																				7	53
26/ 25																				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						
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24058 SAN JOSE/GERMANY/COLE AAF 60-72

PAGE 2 1500-1700

WET BULB TEMPERATURE DEPRESSION F

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB WB	TOTAL DP WB
TOTAL	91	72	90	120	83	71	43.1	3.1	0.3	.0	.0							912	873

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3375662	54274	62.2	18.200	873							
Dry Bulb	2213044	44332	48.6	7.985	912		1.3	2.2	.9			93
Wet Bulb	1610180	37084	42.5	6.326	873		5.0					93
Dew Point	1142301	30875	35.4	7.599	873		33.3					93

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

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DATA PROCESSING PLANT
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34089 [illegible] AFB [illegible] 01-7.

PAGE 1 1500-2000

DB / WB	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
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	WB	DB	Wet B	Dew P
74/ 73														.1																	1	1		
72/ 71														.1		.1															2	2		
70/ 69													.1	.1																	2	2		
68/ 67											.1			.1																	2	2		
66/ 65								.1				.1																			2	2		
64/ 63										.1		.1		.2																	4	4		
62/ 61										.7		.1																			8	8		
60/ 59								.1		.4		.1		.1																	6	6	2	
58/ 57				.1		.4	1.0		.4		.3																				14	16	3	
56/ 55			.3		.3	1.3	1.0		.4		.1																				24	24	4	
54/ 53			.4	1.3		2.0	1.2		.3																						34	34	4	
52/ 51			.7	3.0		2.4		.3		.6																					51	51	19	5
50/ 49			1.0	3.2		2.7	1.4		.1																						59	59	47	5
48/ 47			.4	4.7		2.9	1.0		.3																						69	69	54	25
46/ 45			1.9	6.2		3.9	.7		.1																						80	80	56	33
44/ 43		.1	2.4	4.0		2.2	1.2		.3																						75	75	74	40
42/ 41			2.3	3.0		2.3	.7		.1																						59	59	87	53
40/ 39			1.3	3.7		1.6	.3																								49	49	93	77
38/ 37			1.6	2.6		2.0																									40	40	58	69
36/ 35	.4		2.2	.8		.4																									42	42	64	83
34/ 33	.3		3.0	1.3																											32	32	66	48
32/ 31	.1		1.0	1.3																											17	17	39	74
30/ 29			.4	.5																											5	5	19	57
28/ 27	.3		.6	.1																											7	7	9	42
26/ 25																																	4	33
24/ 23																																	1	28
22/ 21																																		13
20/ 19																																		6
18/ 17																																		3
16/ 15																																		1
TOTAL	1.3	15.0	39.1	23.9		9.6	4.2		1.2		1.0		.1																			695		695
																															695		695	

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.	3504657	48473	69.7	13.372	695							
Dry Bulb	1444487	31243	45.0	7.591	695		3.9	.9	.1			93
Wet Bulb	1170196	28180	40.5	6.305	695		9.6					93
Dew Point	994165	24447	35.2	7.023	695		34.4					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SANDHOFEN GERMANY/COLEMAN AAF 61 MAP
STATION NAME YEARS

PAGE 1 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
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	2	
48/ 47		5.0	5.0															2		2	3	4
46/ 45		5.0	15.0															4		4	3	2
44/ 43		5.0			5.0													2		2	3	3
42/ 41			5.0															1		1	3	1
40/ 39		5.0	5.0															2		2	1	6
38/ 37																					2	2
36/ 35		5.0																1		1	1	2
34/ 33																					1	
32/ 31																						2
28/ 27																						1
TOTAL		30.0	40.0	15.0	15.0													20		20		20

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.	113478	1490	74.5	11.409	20							
Dry Bulb	49356	946	47.3	5.667	20							93
Wet Bulb	38094	868	43.4	4.717	20							93
Dew Point	31479	787	39.4	5.184	20		14.0					93

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

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PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION F

DB / WB	0	1	2	3	4	5	6	7	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	TOTAL DB	TOTAL WB	TOTAL	
62/ 61								.8																											1	1		
60/ 59						.8																													1	1		
58/ 57				2.5	2.5																														4	4		
56/ 55			.8	2.5																															3	3	1	
54/ 53		2.5	.8																																4	4	3	1
52/ 51	1.7	5.1	5.1	4.7	1.7																														13	13	12	9
50/ 49	.8	5.1	5.1	.8	.8																														3	3	12	4
48/ 47	3.4	3.4	3.4																																12	12	12	15
46/ 45	2.5	.8	4.2	1.7																															11	11	11	14
44/ 43	.8	5.9	3.4	1.7																															14	14	1	2
42/ 41	.8	8.4	2.5																																14	14	14	1
40/ 39		7.5	.8																																8	8	17	15
38/ 37		3.4	.8																																4	4	1	16
36/ 35	.8	2.5																																	4	4	4	7
34/ 33		.8																																	1	1	2	10
32/ 31																																					1	3
30/ 29		.8																																	1	1	1	2
28/ 27																																						1
TOTAL	1	48	17	13	9	2	.8																												119	119	119	119

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	731031	10001	84.0	9.456	119							
Dry Bulb	262985	5543	46.6	5.373	119		.8					90
Wet Bulb	236755	5263	44.2	5.814	119		1.5					90
Dew Point	212074	4982	41.9	6.037	119		4.5					90

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 68

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PSYCHROMETRIC SUMMARY

| | WET BULB TEMPERATURE DEPRESSION °F | | |

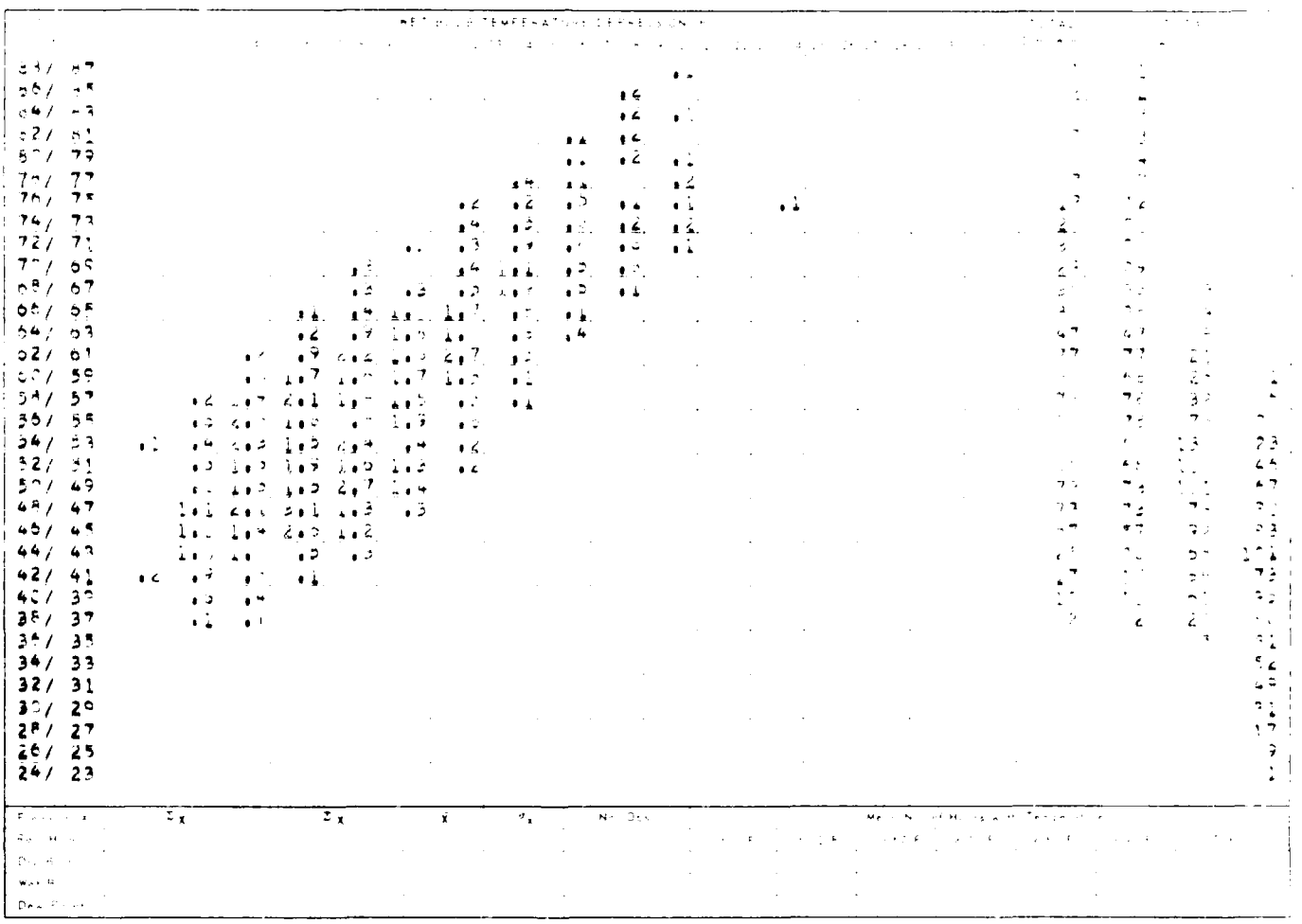
1

PSYCHROMETRIC SUMMARY

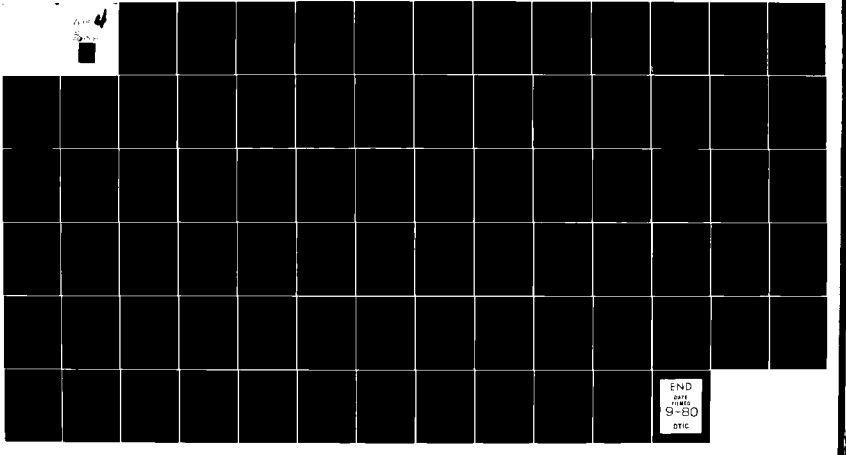
WET BULB TEMPERATURE DEPRESSION F

| DB 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 | 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 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | TOTAL | TOTAL | TOTAL |
|---|---|---

1 PSYCHROMETRIC SUMMARY



AD-A087 816 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SANDHOFEN GERMANY/COLEMAN AAF. REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
FEB 72
UNCLASSIFIED USAFETAC/DS-80/056 NL



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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SANDBERG GERMANY/COLEMAN AAF 60-70 APR
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	TOTAL Dew P.
TOTAL	.3	7.2	16.3	18.2	17.9	14.3	10.5	7.4	4.1	2.7	1.0		.1					925	92*	925	92*

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.	3427224	54334	58.7	15.971	925							
Dry Bulb	3076710	52680	57.0	9.100	925			14.3	5.1	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 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SANDHOFEN GERMANY/COLEMAN AAF 60-72 APR
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
88/ 87												.3						3	3	
86/ 85												.1						1	1	
84/ 83										.1		.2						3	3	
82/ 81										.2	.3	.2						7	7	
80/ 79									.3	.1	.1	.1						6	6	
78/ 77								.2	.3	.3	.1							9	9	
76/ 75						.1	.2	.7	.6	.6	.3	.3						25	25	
74/ 73						.1	.4	.7	.8	1.3	.8							37	37	
72/ 71						.1	.4	.6	.8	.7	.2							25	25	
70/ 69						.1	.3	1.6	.9	.3	.1							30	30	
68/ 67				.1	.3	.7	1.2	.7	.9	.1								36	36	1
66/ 65					.3	.9	1.5	.9	.6									41	41	4
64/ 63				.2	.7	1.6	2.9	2.0										66	66	13
62/ 61			.3	.9	2.7	1.7	2.0	.3										71	71	22
60/ 59			.2	1.8	2.1	.9	1.2	.2	.2									60	60	25 1
58/ 57			1.0	3.0	1.2	1.3	.6											66	66	50 2
56/ 55		.1	1.0	1.6	1.1	1.0	.6											50	50	88 14
54/ 53		.6	2.2	2.0	2.0	1.1	1.1											81	81	102 19
52/ 51		.4	1.1	1.7	1.2	1.6	.7											60	60	117 52
50/ 49	.1	.3	2.6	1.8	1.7	1.3												70	70	91 54
48/ 47		.3	1.2	2.6	1.6													51	51	69 96
46/ 45		.9	1.6	1.9	.4	.2												45	45	81 102
44/ 43		1.0	.9	.7	.2	.1												26	26	70 68
42/ 41		.8	.6	.4														16	16	80 87
40/ 39		.3	.1															4	4	52 99
38/ 37		.2	.1															3	3	16 77
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 ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34068 STATION NUMBER SAN DIEGO GERMANY/COLE AL AAF STATION NAME 60-70 YEARS APR MONTH

PAGE 2 1500-1700 HOURS (LST)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	.1	5.0	13.0	18.7	19.1	12.9	13.7	7.8	5.4	3.8	2.0	1.3						892	892
																		892	892

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	3009808	49710	55.7	10.389	892							
Dry Bulb	3120059	52047	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	1569819	36871	41.3	7.100	892		11.4					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 STATION | SAARBRUECKEN GERMANY/COLEMAN AAF STATION NAME | 60-70 YEARS | APR MONTH

 1800-2000 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87											.1							1	1		
82/ 81										.1								1	1		
80/ 79									.1	.1	.1							3	3		
78/ 77								.1	.1		.1							3	3		
76/ 75							.1			.1								2	2		
74/ 73							.3	.3	.3	.1	.1	.1						9	9		
72/ 71						.1	.4	.7	.4	.3								14	14		
70/ 69						.6	.6	.7	.6	.3								19	19		
68/ 67					.3	.3	1.7	.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										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	1.0	.1										63	63	39	1
56/ 55		.4	2.2	2.7	1.0	1.0		.1										52	52	38	12
54/ 53		1.0	3.6	1.0	.9	.7	.3											52	52	71	22
52/ 51	.1	2.0	1.7	1.4	.9	.7												47	48	90	28
50/ 49		1.3	3.2	1.2	1.7	1.3												60	60	88	65
48/ 47	.4	1.7	3.5	1.6	1.0	.6												61	61	59	78
46/ 45		1.6	1.0	2.0	1.2													44	44	64	65
44/ 43		1.9	2.2	3.0	.4													52	52	53	60
42/ 41		1.2	1.6	1.0														26	26	49	68
40/ 39		.6	1.4															14	14	57	59
38/ 37		.1	.1															2	2	43	50
36/ 35																				12	33
34/ 33	.1																	1	1	2	35
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		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.	3005994	44076	63.8	16.792	691							
Dry Bulb	2117275	37749	54.6	8.933	691			10.4	2.8	.4		90
Wet Bulb	1616601	33149	48.0	6.411	691			.1				90
Dew Point	1289936	28722	41.6	7.231	691		12.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 STATION — SAARBRUECKEN GERMANY/COLEMAN AAF STATION NAME — 60-64 YEARS — MAY MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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															5	5	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															10	10	7	9
52/ 51	.8	7.6	1.7	.8														13	13	6	6
50/ 49	1.7	5.9	2.5	.8														19	13	21	10
48/ 47		8.4	3.4															14	14	8	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																				2	3
32/ 31		.8																1	1	1	2
30/ 29																					1
TOTAL	10.1	82.2	22.7	4.2	.8													119	119		119
																		119		119	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	908129	10355	87.0	7.740	119							
Dry Bulb	302084	5954	50.0	5.955	119		.8					93
Wet Bulb	278696	5716	48.0	5.892	119		.8					93
Dew Point	259409	5503	46.2	6.484	119		2.3					91

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24066 SAARBRUECKEN GERMANY/COLEMAN AAF 60-70 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
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	8	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	102	66	29
56/ 55	.3	3.3	4.3	4.3	.4													115	116	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													120	120	123	78
50/ 49	.2	5.9	5.6	1.1	.1													122	120	148	108
48/ 47	.1	3.7	4.2	.2														77	77	152	123
46/ 45	.1	3.3	2.2															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																					3
30/ 29																					1
TOTAL	2.1	35.1	39.3	17.8	4.7	.7	.2											934		934	
																		934		934	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	6058297	74685	80.0	9.617	934							
Dry Bulb	2628801	49541	53.0	5.770	934			.8	.1			93
Wet Bulb	2336511	46459	49.7	5.283	934							93
Dew Point	2079440	43752	46.8	5.664	934		.6					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO/MARINE CORPS AIR STATION NAME 60-67 YEARS MAY MONTH

PAGE 1 0900-1100 HOURS (LST)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
84/ 83									.1									1	1		
82/ 81								.1										1	1		
80/ 79								.1	.2	.1								4	4		
78/ 77							.2	.2	.4	.1								7	7		
76/ 75							.2	.0	.2	.1								11	11		
74/ 73					.1	.4	.8	.6	.2									23	23		
72/ 71					.5	.7	.5	.5	.3									25	25		
70/ 69				.1	1.1	1.6	.8	.5	.1									41	41	1	
68/ 67			.2	.9	1.4	1.5	1.5	.5	.1									58	58	2	
66/ 65			.0	1.1	1.4	1.6	.9	.3	.1									56	56	4	
64/ 63			1.0	1.8	1.3	3.2	.5	.3										78	78	26	
62/ 61		.4	.8	3.0	2.9	2.4	.5											97	97	50	7
60/ 59		.0	2.0	3.4	3.6	2.3	.1											116	116	73	22
58/ 57	.1	.8	2.7	4.6	3.5	.8												121	121	91	37
56/ 55		.6	3.1	4.7	2.4	.7												111	111	104	49
54/ 53		1.4	2.5	3.0	1.4	.1	.1											81	81	146	81
52/ 51	.2	1.8	1.6	1.3	.8	.1												55	55	162	105
50/ 49		.6	1.5	1.0	.3													33	33	129	107
48/ 47		.6	.5	.4	.5													20	20	79	125
46/ 45	.1	.2	.5	.2	.4													14	14	42	145
44/ 43		.1	.3	.1														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	.3									960		960
																		960		960	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	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.	4226567	42449	65.1	13.085	960							
Dry Bulb	3481628	37421	59.8	6.915	960			16.6	4.6	.5		93
Wet Bulb	2728639	30935	53.1	5.223	960			.3				93
Dew Point	2199407	45389	47.5	8.994	960		1.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO/MARINE CORPS AIR STATION/MIRAMAR AAF 60-70 YEARS MAY

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91												.1						1	1			
90/ 89											.1							1	1			
88/ 87										.1	.1	.1						3	3			
86/ 85										.2		.1						3	3			
84/ 83								.1	.3	.4	.4	.3						15	15			
82/ 81									.2	.7	.2	.2						13	13			
80/ 79							.2	.1	1.3	1.0	.3							27	27			
78/ 77							.4	.8	.6	.4	.3	.1						26	26			
76/ 75						.5	.6	1.6	1.0	.5	.4							44	44			
74/ 73					.3	.3	.5	1.0	.8	.7								35	35			
72/ 71				.1	.4	.7	1.0	1.2	1.2	.3	.2							48	48			
70/ 69				.4		1.1	1.3	2.2	.5	.5								57	57	5		
68/ 67			.1	.1	1.3	1.7	2.8	1.5	1.0									79	79	9		
66/ 65	.1			1.6	1.1	2.0	2.8	1.0	.5									85	85	25	1	
64/ 63		.1	.3	1.3	2.9	3.2	2.9	.2										102	102	59		
62/ 61		.2	.3	1.7	2.1	2.4	1.2	.1										76	76	54	12	
60/ 59		.8	1.1	1.7	2.4	2.2	.7	.2										87	87	83	22	
58/ 57	.2	.4	1.4	2.1	2.1	1.6	.6	.1										81	81	98	27	
56/ 55	.1	.6	1.0	2.0	1.2	1.0	.2											65	65	139	66	
54/ 53		.2	1.2	1.1	.8	.4												35	35	144	69	
52/ 51		1.2	.6	.3	.7	.3												32	32	131	77	
50/ 49		.2	.7	.1	.2													12	12	90	128	
48/ 47		.7	.2	.1	.5													15	15	49	112	
46/ 45		.2																2	2	36	114	
44/ 43																				12	90	
42/ 41																				6	80	
40/ 39																				4	54	
38/ 37																					36	
36/ 35																					25	
34/ 33																					15	
32/ 31																					7	
30/ 29																					4	
28/ 27																					5	

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

PSYCHROMETRIC SUMMARY

34068 SAN DOSEN GERMANY/COLEMAN AAF 60-70 MAY
STATION NAME YEARS MONTH

PAGE 2 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry B. Wet B. Dew P.
TOTAL	.4	4.0	7.9	12.6	16.1	17.5	15.1	11.1	7.4	5.0	2.1	1.0						944 944	944 944 944

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.	31252560	522866	55.4	15.595	944							
Dry Bulb	39937753	60895	64.5	8.239	944			24.7	10.6	4.8		93
Wet Bulb	25659937	51759	54.8	5.451	944			1.4				93
Dew Point	21336883	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/MAC

PSYCHROMETRIC SUMMARY

3406[illegible] SAN DIEGO/MCRAE/CHALMERS AAF 60-73 JAN

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
92/ 91											.1	.1						2	2			
90/ 89											.3	.1						4	4			
88/ 87												.3						3	3			
86/ 85									.1			1.2						1[illegible]	1[illegible]			
84/ 83								.1		.2	.5	1.3						2[illegible]	2[illegible]			
82/ 81									.2	1.0	.6	.4						2[illegible]	22			
80/ 79						.1		.4	.3	.9	.5							2[illegible]	21			
78/ 77						.1	.0	.6	.6	.8	.4	.7						3[illegible]	39			
76/ 75						.2	.0	1.1	.9	.7	.2							3[illegible]	35			
74/ 73					.3	.9	.0	.3	1.9	.8	.3							4[illegible]	48			
72/ 71					.4	1.2	1.5	.9	1.3	.7	.5							5[illegible]	50	1		
70/ 69			.1	.3	.1	1.3	1.7	2.1	1.6	.5								62	56	[illegible]		
68/ 67				.1	.7	1.8	2.1	1.2	1.2	.1								6[illegible]	65	[illegible]		
66/ 65			.1	.7	.8	1.4	2.5	1.3	.2									64	64	2[illegible]		
64/ 63			.4	.9	2.5	2.6	3.1	1.3										99	99	52	4	
62/ 61		.0	.5	.6	1.6	1.8	1.5	.2	.1									67	67	75	7	
60/ 59		.5	.9	1.2	2.1	3.0	1.0	.5										84	84	7[illegible]	29	
58/ 57	.1	.7	1.6	1.3	2.0	1.4	.5	.2										73	73	104	26	
56/ 55		.8	1.5	2.0	1.2	.8	.3											6[illegible]	40	119	49	
54/ 53		1.1	1.5	.6	.5	.2												3[illegible]	38	143	57	
52/ 51		.1	.0	.5	.1													14	14	125	80	
50/ 49		.3	.9	.1	.7													1[illegible]	18	91	99	
48/ 47		.2	.1															3	3	42	111	
46/ 45																				35	113	
44/ 43																				4	100	
42/ 41																				6	79	
40/ 39																					57	
38/ 37																					34	
36/ 35																					35	
34/ 33																					10	
32/ 31																					8	
30/ 29																					4	
28/ 27																					6	
26/ 25																					1	

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN ANGELO, TERRY/COKE AAF 60-72

DATE 2 1500-1700

WET BULB TEMPERATURE DEPRESSION °F

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>30	TOTAL D.B.	TOTAL W.B.	TOTAL D.P.
TOTAL		1	4.5	6.7	8.7	13.	11.	6.5	1.5	9.1	.5	3.7	5.6	3.8	4.2																		911	911	911

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.	2780592	48054	52.7	16.435	911							
Dry Bulb	4005852	59882	65.7	8.750	911			39.9	20.8	7.1		93
Wet Bulb	2798295	50249	55.2	5.412	911			1.5				93
Dew Point	2025195	42521	46.7	6.672	911		1.9					93

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

1

DATA PROCESSED BY ASHVE
SAP ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3405[illegible] [illegible] [illegible] 60-7[illegible]

PAGE 1 1[illegible]-20[illegible]

DB / WB	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32																		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

PSYCHROMETRIC SUMMARY

34068 SAN ANGELO/GOODFELLOW AFB 60-63
STATION NAME YEARS

PAGE 1 0300-0500

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69		1.0		1.0														2	2		
68/ 67																				1	
66/ 65		1.9	4.9															7	7	1	1
64/ 63		3.9	1.9															6	6	5	4
62/ 61		2.9	1.0	1.0														4	5	7	5
60/ 59		7.8																8	8	8	5
58/ 57		7.8	6.0															14	13	10	10
56/ 55	3.9	6.8	2.9															14	14	13	11
54/ 53		11.7	1.9	1.0	1.0													15	16	11	11
52/ 51	1.0	4.9	2.9															9	9	12	13
50/ 49		5.8	2.9	1.0														10	10	8	12
48/ 47	1.0	1.0	1.0															4	4	12	8
46/ 45		1.9	1.0															3	3	4	7
44/ 43			1.0															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
34/ 33																					1
TOTAL	5.8	59.2	30.1	3.9	1.0													103	103	103	103

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	772546	8886	86.2	7.628	103							
Dry Bulb	320137	5709	55.4	6.025	103			1.7				90
Wet Bulb	295052	5478	53.2	6.029	103			.9				90
Dew Point	279657	5285	51.3	6.627	103							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

PSYCHROMETRIC SUMMARY

34068 SEMBACH GERMANY/C-LETZ AAF (STATION NAME) 60-72 (YEARS) JAN

PAGE 1 0600-0900

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79									.1									1	1			
76/ 75				.1	.1													2	2			
74/ 73					.3	.1		.1										5	5			
72/ 71			.2	.1	1.4	.6												27	28			
70/ 69			.6	1.1	1.5	.5	.2											34	34	3		
68/ 67		.3	1.8	1.9	1.4	.3												51	51	4	2	
66/ 65		1.0	3.5	2.7	.9	.5												75	76	15	6	
64/ 63	.5	2.9	2.5	3.1	.2		.1											81	81	72	16	
62/ 61	.1	3.0	4.8	3.1	.9	.3	.1											105	106	85	54	
60/ 59	.2	4.1	5.8	2.9	.7	.2												122	122	94	71	
58/ 57	.2	4.8	4.3	1.4	.2	.2												99	98	129	95	
56/ 55	.6	2.6	4.6	2.2	.2	.1	.1											91	91	133	115	
54/ 53	.5	3.7	4.6	1.0	.2													87	87	96	120	
52/ 51	.1	2.1	2.4	.7	.2													49	48	86	107	
50/ 49	.1	1.6	.9	.3														24	26	75	94	
48/ 47		.8	.6	.6														17	17	42	70	
46/ 45		.5	.2															4	6	19	91	
44/ 43		.1	.2															3	3	14	31	
42/ 41			.2															2	2	4	10	
40/ 39																				2	17	
38/ 37																				1	10	
36/ 35																					5	
34/ 33																					1	
32/ 31																					1	
TOTAL	2.3	27.4	37.1	21.2	9.3	2.9	.6	.1	.1									876			876	
																		976		876		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5555265	69163	79.0	10.399	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	5.936	876		.1	.2				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3406P SAN DIEGO (TERM. Y/C-LEAD AAF) 60-73

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dr. Bulb	Wet B. - Dew P.
88/ 87									.1									1	1		
86/ 85											.2							2	2		
84/ 83							.1		.3	.3								7	7		
82/ 81						.1	.1	.4	.5	.1								12	12		
80/ 79						.3	.3	1.2	.3									20	20		
78/ 77					.2	1.1	1.5	1.6	.3									44	44		
76/ 75				.1	1.3	2.2	1.5	1.4	.1									58	58		
74/ 73				.3	1.2	2.7	1.7	1.3	.2									66	66		
72/ 71			.3	1.2	1.9	3.1	1.6	.5	.4	.1								89	88	5	
70/ 69			.4	1.2	2.8	2.3	1.3	1.3	.1									94	94	14	
68/ 67		.1	1.3	1.1	2.6	2.4	1.1	.3	.1									83	83	46	2
66/ 65		.2	1.7	2.6	2.7	2.0	.9	.5										99	99	86	12
64/ 63		.3	1.3	2.9	2.5	.9	.8	.2	.1									83	83	104	29
62/ 61		1.1	1.4	2.0	2.2	1.0	.2	.3	.1									77	77	125	55
60/ 59		.4	2.5	1.5	1.2	1.0	.3											64	64	123	90
58/ 57	.1	1.6	1.3	1.5	1.1	.5	.3											80	80	113	111
56/ 55	.2	.8	.9	1.0	.8	.1	.1											38	38	116	130
54/ 53	.1	.3	1.	.3	.2													18	18	64	126
52/ 51		.6	.3	.2	.5													16	16	55	86
50/ 49		.3		.2														5	5	43	79
48/ 47		.2		.1														3	3	23	61
46/ 45		.2																2	2	11	53
44/ 43																				4	28
42/ 41																				1	18
40/ 39																					21
38/ 37																					10
36/ 35																					5
34/ 33																					6
32/ 31																					4
30/ 29																					1
TOTAL	.4	6.3	12.4	16.3	20.8	19.6	12.1	8.5	2.6	.5	.2							927	927	927	927

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.	3871702	58580	63.2	13.543	927							
Dry Bulb	4104412	61754	66.6	7.388	927			45.1	20.4	3.1		90
Wet Bulb	3218470	54376	58.7	5.585	927			5.9				90
Dew Point	2652287	49215	53.1	6.526	927		.5	.2				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 60-70 JUL
STATION NAME YEARS MONTH

PAGE 1 1200-1400

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.
92/ 91											.1	.1	.2					4	4	
90/ 89										.2	.4	.2						9	9	
88/ 87									.3	.2	.3	.5						13	13	
86/ 85							.1	.3	.3	1.2	1.3	.2						32	32	
84/ 83								.8	.7	1.1	.7							29	29	
82/ 81							.7	2.3	2.0	.5	.3							53	53	
80/ 79					.1	.3	.4	2.2	2.0	.9	.1							55	55	
78/ 77					.3	1.0	1.3	1.8	1.0	.7	.1							62	62	
76/ 75					.2	1.2	2.4	3.0	1.8	.2	.2							82	82	
74/ 73				.2	.9	.7	2.6	2.2	.7	.7								72	72	2
72/ 71				.3	.9	2.0	2.5	1.8	1.2									78	79	12
70/ 69			.1	.3	.9	2.0	2.6	1.1	.5	.1								70	70	35
68/ 67			1.1	1.0	2.4	2.0	1.8	1.0	.3									87	87	85 2
66/ 65		.4	.7	1.1	.8	1.2	.9	.9	.2	.1								57	57	95 10
64/ 63			.7	.9	1.1	1.3	.5	.3	.3	.1								50	50	109 32
62/ 61		.5	.9	1.3	1.3	1.5	.1	.1	.1									54	54	118 57
60/ 59		.7	1.0	.9	.4	.5	.1	.1										34	34	115 77
58/ 57	.2	.3	.4	.5	.7	.1	.2											23	23	98 93
56/ 55		.3	1.1		.5	.1												19	19	80 119
54/ 53		.5	.4	.1	.2													12	12	59 114
52/ 51		.7	.2		.3													11	11	51 96
50/ 49				.1														1	1	27 91
48/ 47		.2																2	2	14 71
46/ 45		.1																1	1	9 33
44/ 43																				2 41
42/ 41																				25
40/ 39																				21
38/ 37																				10
36/ 35																				5
34/ 33																				6
32/ 31																				3
30/ 29																				3
28/ 27																				2

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

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

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

94069 SAN DIEGO/MIRAMAR NAS 60-72
STATION NAME YEARS

PAGE 2 1200-1400

WET BULB TEMPERATURE DEPRESSION (F)

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.
TOTAL	.2	3.6	0.0	0.0	11.1	13.9	16.4	17.6	12.3	6.1	3.6	1.1	.2					911	911	911

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.	2839621	49023	53.8	14.882	911							
Dry Bulb	4683710	64846	71.2	8.638	911			63.9	40.6	18.9		90
Wet Bulb	3322526	54768	60.1	5.737	911			13.2	.2			90
Dew Point	2562549	47923	52.6	6.759	911		.8	.2				90

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

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94968 SAN ANGELO DET A Y/C 1LE A AFB 60-72 JAN

PAGE 1 1500-1700

°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.
94/ 93																					.1	.1	.1										3	3	
92/ 91																					.2	.2											6	4	
90/ 89																			.1		.5	.9	.7										19	19	
88/ 87																	.1	.2	.2		.3	.7	.1										17	17	
86/ 85															.1	.2	.2	.9			.9	.6											24	24	
84/ 83											.2			.2	.2	.3	.9	1.0			.6												27	27	
82/ 81										.1		.3	1.1	2.2	1.3						.6												50	50	
80/ 79									.1	.2	.9	1.5	2.9	2.9	2.1						.9												74	76	
78/ 77									.2	.8	1.5	1.7	2.7	.8							.5												72	72	
76/ 75					.1				.3	.7	1.1	1.7	1.3	.9	.5						.5												59	59	
74/ 73						.1			.6	.8	2.1	2.3	1.9	.5							.1												72	72	1	
72/ 71						.2			.9	2.1	1.9	2.3	.9	.3																			74	76	2	
70/ 69					.2	1.3	2.4	1.6	1.0	.9	.7	.2																					73	73	25	1
68/ 67					.3	1.0	1.6	2.1	.9	.1	.3	.2																					53	53	63	2
66/ 65			.1	1.1	.7	.8	2.4	.9	1.0	.5	.3																						71	70	100	9
64/ 63			.5	.5	1.5	1.5	1.1	.5	.1	.2																							51	51	104	21
62/ 61			.3	.5	1.1	.6	1.5	.3	.1																								49	49	144	54
60/ 59	.2		.0	.0	1.1	.3	.7			.2																							33	33	104	71
58/ 57			.3	.7	.2	.3	.2																										16	16	103	73
56/ 55			.3	.6	.3	.3	.2																										18	18	79	122
54/ 53			.7	.5	.1	.2																											13	13	49	102
52/ 51			.2	.1		.1																											4	4	42	111
50/ 49																																			25	100
48/ 47			.1																														1	1	8	32
46/ 45			.2																														2	2	9	44
44/ 43																																				39
42/ 41																																				30
40/ 39																																				16
38/ 37																																				15
36/ 35																																				3
34/ 33																																				6
32/ 31																																				4
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	876

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	26102 08	45744	52.2	15.910	876							
Dry Bulb	46066 43	63059	72.0	8.772	876			44.2	43.5	19.8	.3	90
Wet Bulb	32100 82	52810	60.3	5.404	876			11.2	.1			90
Dew Point	24344 77	45813	52.3	6.638	876		1.0	.3				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO, CALIFORNIA/CECIL FIELD NAS 00-07

PAGE 1 1800-2000

TEMP F	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	DB	WB	Dew Pt	Wet Bulb	Dew Pt
94/ 93																					.2												1	1			
92/ 91																				.2													1	1			
90/ 89																			.3	.2													3	3			
88/ 87																	.2			.3	.2	.2	.2										9	5			
86/ 85															.3		.2	.5	.5	.5	.5												12	12			
84/ 83															.2		.2	.3	.3	.3													4	6			
82/ 81										.2		.5		1.4		.6		.5	.5	.2													22	22			
80/ 79										1.3		1.0		1.3		1.6		1.6	1.1	.2													41	41			
78/ 77									.3	1.3		1.4		1.8		1.0		.6															45	45			
76/ 75									.5	.5		1.3		1.9		.8		.3															36	36			
74/ 73								1.8		1.3		2.7		2.4		.8		.2															57	57			
72/ 71						1.0		1.8		1.6		1.9		.8		.5		.2															48	48	9		
70/ 69						.6		2.2		1.6		2.4		1.3		.2																	59	52	19		
68/ 67			.2		.6	1.9		2.6		2.0		1.4		.2																			57	57	40		1
66/ 65			.5		1.9	1.6		1.9		1.4		.6		.2		.3																	54	54	57		8
64/ 63			.2		2.1	2.2		1.6		1.1		.5		.2		.2																	50	50	78		32
62/ 61	.2		.2		1.3	2.1		1.6		.6																							37	37	104		39
60/ 59			1.0		.6	2.7		.5		.6																							34	34	78		60
58/ 57	.2		.6		1.4	.6		.6		.2																							23	23	79		74
56/ 55	.2		1.0		.3	.5		.2																									13	13	66		68
54/ 53			1.0		1.4	.2		.3																									18	18	37		97
52/ 51			.5			.2																											4	4	29		87
50/ 49			.2																														1	1	23		84
48/ 47			.2																														2	2	2		38
46/ 45			.2																														1	1	6		23
44/ 43																																					19
42/ 41																																					13
40/ 39																																					4
38/ 37																																					3
36/ 35																																					1
34/ 33																																					1
32/ 31																																					1
30/ 29																																					1
TOTAL	.5		5.0		10.3	13.8		15.9		14.3		13.8		11.9		7.5		4.0		1.8		.8		.2								623		623		623

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.	2355970	37078	59.5	15.491	623							
Dry Bulb	3032941	43159	69.3	8.320	623			55.8	33.1	9.0	.1	90
Wet Bulb	2256829	37353	60.0	5.269	623			9.8				90
Dew Point	1812117	33403	53.6	5.034	623		.3	.1				90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAARBRUECKEN GERMANY/COLEMAN AAF 62
STATION NAME YEARS

PAGE 1 0700-1200

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL D.B. W.B.
66/ 65					1													1	1
58/ 57																			1
52/ 51																			1
TOTAL					1													1	1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	3600	60	60.0		1							93
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94068 SAN DIEGO/MONTGOMERY FLD/CAP (STATION NAME) 60-64 (YEARS) JUL (MONTH)

PAGE 1 1300-2300 (HOURS)

Temp F	WET BULB TEMPERATURE DEPRESSION (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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
72/ 71					.9																										1	1		
70/ 69				.9	.9				.9																						3	3		
68/ 67			1.9		.9																										3	3	1	
66/ 65		1.9		.9																											3	3	2	1
64/ 63		2.8	1.9	1.9																											7	7	4	2
62/ 61		3.7	3.8	1.9	.9																										13	13	6	8
60/ 59	.9	9.4	2.8																												14	14	13	5
58/ 57		10.4	4.7	1.9																											18	16	13	15
56/ 55	3.8	6.6	3.8																												15	15	21	15
54/ 53	.9	8.5	.9																												11	11	13	19
52/ 51		2.8	3.8																												7	7	13	10
50/ 49		5.7																													6	6	7	14
48/ 47	.9	.9	1.9																												4	4	7	7
46/ 45		.9																													1	1	3	5
44/ 43																																	1	2
42/ 41																																		3
TOTAL	6.6	55.7	27.4	8.5	.9		.9																									106		106
																															106		106	

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.	802674	9188	86.7	7.722	106							
Dry Bulb	3844[illegible]3	6102	57.6	5.444	106			6.1				93
Wet Bulb	375062	5854	55.2	4.944	106			.9				93
Dew Point	306476	5674	53.5	5.124	106							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

34068 SAARLOUIS GERMANY/COLEMAN AAF 60-72 JUL
STATION NAME YEARS MONTH

PAGE 1 0900-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77					.2		.1											3	3		
76/ 75			.1		.2	.1												4	4		
74/ 73			.2	.8	.7	.4	.2											21	21	1	
72/ 71			.6	.4	.8	.3	.1											20	20		1
70/ 69		.3	1.5	1.6	.6	.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													78	78	35	20
64/ 63	.1	2.5	5.8	2.9	.7	.2												100	100	72	39
62/ 61	.2	4.6	6.4	2.5	.4													126	126	102	61
60/ 59	.1	5.2	7.0	1.8	.4													129	129	134	92
58/ 57	.6	4.5	3.9	1.5	.3													96	96	155	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	1.0															17	17	76	93
50/ 49	.2	.9	.3															13	13	46	74
48/ 47	.1	.3																4	4	19	45
46/ 45																				9	36
44/ 43																					16
42/ 41																					1
40/ 39																					1
TOTAL	1.9	28.2	40.4	19.6	7.6	1.7	.4	.1										890		890	
																			890		890

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.	5833308	71570	80.4	9.364	890							
Dry Bulb	3369238	54542	61.3	5.484	890			17.1	2.9			93
Wet Bulb	2989741	51233	57.6	4.803	890			3.2	.1			93
Dew Point	2718742	48976	55.0	5.136	890			.9				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1

94068 SAN DIEGO/MARINE CORPS AAF 60-70 JUL
STATION NAME YEARS MONTH

PAGE 1 0900-1100

T(°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.											
88/87						.1			.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	1.0	.6	.1								44	44												
78/77				.2	.2	1.1	1.5	.9	.3		.1							4[illegible]	4[illegible]	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	1										
72/71			.2	1.1	2.8	2.6	1.4											75	75	16	2										
70/69		.3	.7	1.2	1.8	2.7	1.2	.5	.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	23										
64/63		.5	1.1	3.8	2.9	1.2	.2											91	91	103	48										
62/61		.9	1.9	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	1.3	1.6	.6													37	37	143	115										
56/55		.3	.9	.6														17	17	98	131										
54/53			.3															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	$\bar{x}$	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.	2954498	59746	63.8	12.272	936							
Dry Bulb	4437266	64104	68.5	7.087	936			52.2	27.2	7.3		93
Wet Bulb	3444842	56576	60.4	5.185	936			12.4	1.0			93
Dew Point	2885651	51693	55.2	5.737	936			2.1	.1			93

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

DATA PROCESSED BY ASI
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1

34068 SAN DIEGO/MCRAE/LEMOORE NAS 60-74 JUL

PAGE 1 1200-1400

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	TOTAL Dew P.
96/ 95										.1				.1				2	2		
94/ 93										.1	.1	.1	.2					4	5		
92/ 91											.5	.2	.3					10	10		
90/ 89								.2	.4	.0	.3	.5	.1					22	22		
88/ 87							.2	.2	.7	.9	.3	.7						27	27		
86/ 85						.2	.5	1.2	.9	1.9	1.5	.4						41	41		
84/ 83					.1			.7	.9	1.0	.2							26	26		
82/ 81				.2	.1		.7	1.5	1.4	1.1	.7	.1						54	54		
80/ 79					.3	.3	.7	2.2	2.2	1.0	.5							66	66		
78/ 77						1.1	1.7	1.3	1.1	.9	.1							57	57	2	
76/ 75					.5	1.1	1.7	1.7	1.1	.4								61	61	11	
74/ 73				.2	.6	1.0	2.8	2.5	1.1	.4								51	51	13	
72/ 71				.5	.8	1.4	2.3	1.6	.7									67	67	44	4
70/ 69			.1	1.0	1.6	2.4	2.2	2.2	.2									89	89	41	11
68/ 67		.1	.3	1.0	2.2	1.6	1.2	.7										65	65	85	12
66/ 65		.2	.7	1.4	2.0	1.5	1.6	.2										70	70	95	18
64/ 63		.4	1.	1.7	1.5	1.3	.5	.1										61	61	98	49
62/ 61		.5	1.	1.4	.4	.8	.7											44	44	115	66
60/ 59	.1	.9	.2	.8	.7	.1	.1											26	26	146	71
58/ 57		.7	.4	.8	.1													18	18	110	105
56/ 55		.4																4	4	78	124
54/ 53																				49	120
52/ 51																				26	99
50/ 49																				2	93
48/ 47																					56
46/ 45																					48
44/ 43																					32
42/ 41																					12
40/ 39																					6
TOTAL	.1	3.3	3.7	9.1	11.1	12.9	17.0	10.5	10.0	8.5	4.4	2.1	.7	.1				916		916	916

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2795530	48918	53.4	14.147	916							
Dry Bulb	5004369	67249	73.4	8.571	916			70.4	47.9	23.8	.7	93
Wet Bulb	3533442	56072	61.9	5.492	916			20.0	2.6			93
Dew Point	2756568	49930	54.5	9.180	916			2.7				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

1

PSYCHROMETRIC SUMMARY

24068 SAN FRANCISCO/OAKLAND INTL AP 00-72
STATION NAME STATE YEARS

PERIOD 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
98/ 97															.2			2	2	
96/ 95										.4	.2		.1	.1				8	8	
94/ 93												.4	.1	.6				5	5	
92/ 91								.1			.9	.9	.2					17	17	
90/ 89									.5	.3	1.6	.8	.1					31	31	
88/ 87							.3	.5	.9	.4	1.4	1.2	.1					41	41	
86/ 85						.2	.3	.6	.7	1.0	.7	.3						37	37	
84/ 83						.1	.2	.9	.8	1.6	1.1	.5						46	46	
82/ 81						.2	.7	1.0	1.0	1.7	.6	.1						59	59	
80/ 79							.5	2.2	1.5	2.5	.3	.2						63	63	
78/ 77					.2	.5	1.4	1.2	1.5	.6	.2							49	49	2
76/ 75				.2	.3	.5	1.2	1.6	2.4	.7								51	51	9
74/ 73			.1		.7	.9	1.7	3.1	1.2									68	68	14
72/ 71				.6	1.0	1.8	1.9	1.9	1.1	.2								78	78	38 4
70/ 69			.3	.6	.9	1.6	1.2	1.6	.2									57	57	54 7
68/ 67			.5	.9	1.7	1.8	1.2	.3										57	57	82 14
66/ 65		.1	.7	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 37
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	56 116
54/ 53																				41 121
52/ 51																				23 103
50/ 49																				3 68
48/ 47																				51
46/ 45																				37
44/ 43																				25
42/ 41																				16
40/ 39																				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		882

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2532265	45393	51.5	14.916	882							
Dry Bulb	4977662	65774	74.6	9.081	882			72.0	51.8	30.4	1.6	93
Wet Bulb	3437599	54857	62.2	5.402	882			21.1	2.7			93
Dew Point	2637800	47940	54.4	6.034	882			2.6				93

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

PSYCHROMETRIC SUMMARY

DATA PROCESSED BY USAFETAC
USAF ETAC
AIR WEATHER SERVICE/MAC

34088 SAN DIEGO, CALIFORNIA/MCAS MIRAMAR 60-70

PAGE 1 1700-2000

WET BULB TEMPERATURE DEPRESSION 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	32	TOTAL DB	TOTAL WB	DP	
94/ 93																				.1					.1									2	2		
92/ 91																			.1			.1												2	2		
90/ 89														.1					.7	1.0		.1												14	14		
88/ 87												.1		.1		.1			.9	.6		.1												14	14		
86/ 85										.5		.1		1.0		.6		1.2		.4		.1												2	2		
84/ 83										.3		.7		.4		.9		1.5		.1		.3												24	24		
82/ 81									.3		.6		.4		1.2		1.5		.6		1.0													3	3		
80/ 79									.3		.6		1.2		2.7		1.6		1.5		.3													5	5		
78/ 77				.1					.4		1.0		1.0		2.1		1.5		.1															43	43		
76/ 75							.1		1.2		.9		2.4		1.3		.7																	47	47	7	
74/ 73					.1		.1		1.6		1.3		1.5		2.5		.6																	53	53	8	1
72/ 71					.1		1.2		1.3		.9		1.5		.9		.3																	48	48	27	5
70/ 69			.1		.3		.9		.6		1.2		2.4		.5																			41	41	35	6
68/ 67			.5		1.0		.7		.9		2.2		.6		.3																			43	43	57	16
66/ 65			.3		1.0		2.4		1.9		1.9		1.3																					64	64	92	17
64/ 63			.3		3.4		1.6		1.5		1.5		.4																					51	51	75	38
62/ 61			.4		1.5		.7		2.1		.3		.4																					37	37	71	60
60/ 59	.1		.7		.7		1.3		.6																									25	25	111	65
58/ 57	.1		.9		1.2		.6																											19	19	78	82
56/ 55			.6		1.0				.1																									12	12	48	79
54/ 53			.3																															2	2	49	74
52/ 51																																				14	77
50/ 49																																				2	73
48/ 47																																					35
46/ 45																																					19
44/ 43																																					17
42/ 41																																					2
40/ 39																																					2
TOTAL	.3	4.5	11.4	1	.0	13.5	13.5	14.3		13.6		7.5		6.7		3.7		.9		.1														669		669	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2427444	38950	58.2	15.463	669							
Dry Bulb	3517287	48159	72.0	8.094	669			62.6	44.0	19.7	1.3	93
Wet Bulb	2582204	41400	61.9	5.503	669			18.9	2.4			93
Dew Point	2085516	37130	55.5	6.007	669			3.9	.1			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

1

PSYCHROMETRIC SUMMARY

34065 SAN DIEGO MCRAS/MCAS A MAF 62

STATION NAME

PAGE 1 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
64/ 63					1													1	1		
56/ 55																				1	
50/ 49																					1
TOTAL					1													1	1	1	1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1

34068 SAARLFEN GERMANY/CULLEN AAF 60-64

PAGE 1 0300-0500

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb Dew Point
74/ 73						.8												1	1		
70/ 69			.8	.8														2	2		
68/ 67			2.4															3	3		
66/ 65		3.9	3.9	.8	.8													12	12	3	1
64/ 63		3.1	3.1	2.4														11	11	5	4
62/ 61	1.6	4.7	4.7	1.6														15	16	15	12
60/ 59	1.6	7.1	5.5															13	16	15	13
58/ 57		6.3	5.5	.8														16	16	21	16
56/ 55	.8	10.2	7.1															23	23	15	11
54/ 53	.8	3.9																5	6	19	27
52/ 51	1.6	7.9																12	12	14	15
50/ 49	1.6	1.6	.8															5	5	11	15
48/ 47		.8	.8															2	2	3	9
46/ 45																					3
44/ 43																				1	
42/ 41																					1
TOTAL	7.9	49.6	34.6	6.3	.8	.8													127		127
																		127		127	

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.	962913	11019	86.8	7.380	127							
Dry Bulb	438573	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 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO/POINT LOMA, CALIF 59-71

PAGE 1 0000-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dew Point	Wet Bulb
78/ 77					.1													1	1		
76/ 75					.1	.1		.1										3	3		
74/ 73				.2	.1			.2										5	5		
72/ 71			.4	.6	.3													11	11		
70/ 69		.2	1.4	.6	.3	.3												28	28	3	
68/ 67		.4	3.3	1.8	.4	.1												60	60	10	1
66/ 65		3.2	3.6	1.5	.7	.1												91	91	34	13
64/ 63	.5	4.5	5.2	2.0	.4													124	126	95	93
62/ 61	.5	6.5	4.8	1.1	.3													131	131	104	93
60/ 59	.3	5.6	4.9	2.0														128	128	145	105
58/ 57	.8	7.3	4.7	1.2														139	139	144	129
56/ 55	.8	7.6	4.2	.4														123	123	151	130
54/ 53	.3	4.3	2.3	.1														70	70	140	135
52/ 51	.3	3.0	.5															42	42	88	138
50/ 49	.4	1.5	.2															21	21	47	105
48/ 47	.4	.5	.1															10	10	24	51
46/ 45		.3																3	3	2	22
44/ 43																				4	5
42/ 41																					2
TOTAL	4.3	44.4	36.1	11.0	2.7	.6		.3										992		992	992

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7148884	83800	84.5	6.293	992							
Dry Bulb	3593429	59477	60.0	5.257	992			10.1	.8			93
Wet Bulb	3257248	56656	57.1	4.653	992			1.2				93
Dew Point	2039988	54698	55.1	4.816	992			.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94058 SAN DIEGO/POINT LOMA NAF (CA) 59-70 YEARS

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.
90/ 89												.1						1	1	
86/ 85								.2	.1									3	3	
84/ 83							.3	.2	.5	.1								11	11	
82/ 81						.1	.5	.4										10	10	
80/ 79					.1	.4	1.1	1.0	.1									26	26	
78/ 77				.1	.4	1.1	.6	.4	.4	.1								32	32	
76/ 75				.1	1.2	2.5	1.0	.5	.1									56	56	
74/ 73			.1	.9	2.0	1.4	1.3	.3	.1									64	44	1
72/ 71			.2	2.1	1.6	1.2	1.3	.4										72	72	8
70/ 69			1.2	2.7	2.9	2.9	.5	.2										103	108	26
68/ 67		.6	3.1	2.5	2.4	2.5	.7	.2										128	125	74	5
66/ 65		1.2	2.5	3.0	3.5	1.5	.5											128	128	111	33
64/ 63		1.6	3.7	3.9	3.1	1.4	.2											149	147	133	76
62/ 61	.2	2.3	2.8	3.6	2.0	.3												117	117	136	122
60/ 59	.1	1.7	2.3	3.0	1.0	.1												86	86	172	130
58/ 57		1.1	1.4	.6														33	33	149	133
56/ 55	.1	1.0	1.1	.1														22	22	138	122
54/ 53		.4	.2															6	6	79	139
52/ 51		.1																1	1	24	125
50/ 49																				3	91
48/ 47																					44
46/ 45																					23
44/ 43																					6
42/ 41																					1
TOTAL	.4	10.0	31.6	32.4	28.0	20.3	15.4	7.9	3.6	1.2	.2		.1					1050		1050
																		1050		1050

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.	5171074	72448	69.0	12.816	1050							
Dry Bulb	4751594	70330	67.0	6.238	1050			45.2	18.2	3.4		93
Wet Bulb	3839316	63314	60.3	4.532	1050			9.3	.1			93
Dew Point	3314659	58787	56.0	5.106	1050			.4				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94068 SAN DIEGO REPUBLIC/LINDBERGH AFB 59-72 AUG

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95														.1				1	1			
94/ 93											.1		.1	.1				3	3			
92/ 91										.2	.1	.4		.1				8	8			
90/ 89										.5	.5	.1						11	11			
88/ 87								.2	1.1	.5	.4	.1						23	23			
86/ 85							.2	.5	.7	1.0	.2							27	27			
84/ 83						.1	.2	.7	1.3	.9	.3							35	35			
82/ 81					.2	.2	1.4	.8	1.3	.0	.1							46	46			
80/ 79					.3	.6	1.0	2.5	1.9	.0	.1							71	71			
78/ 77					.3	1.1	1.7	1.7	1.1	.3								62	62			
76/ 75				.5	1.4	.8	1.9	2.5	1.4	.1								87	87	2		
74/ 73			.1	.7	1.3	1.1	3.2	2.3	.4									93	93	14		
72/ 71		.1	.5	.6	1.0	2.4	2.4	1.6	1.0									104	104	33		1
70/ 69		.1	.6	1.0	2.3	2.3	2.0	1.7	.3									112	112	72		2
68/ 67		.2	.9	2.0	2.5	2.3	2.3	.3										109	109	88		21
66/ 65		.5	1.0	.9	1.7	1.0	.5	.2										69	69	111		43
64/ 63		.6	1.5	1.9	1.6	1.6	.5											77	77	130		75
62/ 61		.7	.9	1.5	.9	.6												46	46	152		70
60/ 59	.2	.6	.9	.9														24	26	159		118
58/ 57		.5	.3	.2														12	10	118		115
56/ 55		.8	.2															10	10	94		122
54/ 53																				48		140
52/ 51																				5		108
50/ 49																						70
48/ 47																						57
46/ 45																						42
44/ 43																						19
42/ 41																						8
40/ 39																						1
TOTAL	.2	4.0	6.7	10.6	13.9	14.6	17.4	14.9	10.2	4.0	1.8	.6	.1	.3				1026		1026		1026
																		1026		1026		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	3594570	58892	57.4	14.456	1026							
Dry Bulb	8421426	74172	72.3	7.610	1026			71.8	42.3	16.5	.4	93
Wet Bulb	3972739	63643	62.0	4.934	1026			18.9	1.6			93
Dew Point	3199537	56987	55.5	5.786	1026			2.2				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1

3406[illegible] SAN DIEGO, GERMANY/COLEMAN AAF 59-72 [illegible]

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95											.1	.1	.1	.4	.1			0	6			
94/ 93											.1	.2	.2					5	5			
92/ 91								.1		.5	.4	.2	.3					15	15			
90/ 89								.2		.7	.2	.6	.2					19	19			
88/ 87								.2	.3	.7	.3	.4						24	24			
86/ 85							.3	.6	.7	1.1	1.1							37	37			
84/ 83							.6	.9	.6	1.2	.5	.1						43	43			
82/ 81							.3	1.5	1.1	1.7	.5							51	51			
80/ 79						.4	1.7	1.7	1.8	1.4	.6							74	76			
78/ 77					.1	1.6	.9	1.9	1.9	.6								64	64	2		
76/ 75				.2	.4	2.4	1.4	2.1	1.0									83	83	2		
74/ 73			.2	.6	.8	1.2	2.1	2.3	1.2	.7	.2							93	93	17	1	
72/ 71			.1	.5	.9	1.8	1.8	1.6	1.0									77	77	34	1	
70/ 69		.1	1.0	1.2	1.3	1.8	2.2	2.2										98	98	60	4	
68/ 67		.1	1.4	1.1	1.8	1.7	1.9	1.1										91	91	102	8	
66/ 65		.2	1.2	1.2	1.7	1.1	.8	.1										63	63	104	32	
64/ 63		1.1	1.2	1.9	1.5	1.2	.3											73	73	126	61	
62/ 61		.6	.5	.4	.9	.3												27	27	151	93	
60/ 59		.3	1.1	.3	.3													20	20	131	93	
58/ 57	.1	1.1	.2	.2														16	16	123	105	
56/ 55		.4																4	4	87	131	
54/ 53																				35	120	
52/ 51																				11	97	
50/ 49																					80	
48/ 47																					67	
46/ 45																					50	
44/ 43																					24	
42/ 41																					9	
40/ 39																					1	
38/ 37																					2	
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	987	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3130957	53529	54.2	15.202	987							
Dry Bulb	5416450	72664	73.6	8.234	987			73.9	48.8	23.2	1.2	93
Wet Bulb	3844308	61400	62.2	5.004	987			20.4	2.0			93
Dew Point	3019903	54281	55.0	5.930	987			1.3	.1			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1

3406R SAARBRUECKEN GERMANY/CULEMAN AAF 60-79 AUG
STATION NAME YEARS MONTH

PAGE 1 1900-2000

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	D.P.	TOTAL Wet B.	Dew P.
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							18	18			
84/ 83						.1	.5	.5	.4	.5	.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					.3	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	5		
72/ 71			.5	1.7	.8	2.2	1.9	1.1										61	61	19		
70/ 69		.4	1.1	1.6	2.7	2.8	1.5	.7										80	80	29		
68/ 67		.4	2.3	1.9	2.3	2.2	1.5	.3										81	81	72		13
66/ 65		.9	1.9	2.2	3.2	1.3	.8	.1										78	76	79		28
64/ 63		.9	2.2	2.8	2.2	.7	.3											67	7	90		57
62/ 61	.1	.9	1.5	2.0	1.7	.8												53	53	106		71
60/ 59	.1	.4	1.2	1.1	.3	.4												26	26	120		70
58/ 57	.3	1.5	1.2	.4														25	25	95		85
56/ 55		.7	.7	.1														11	11	69		95
54/ 53		.1	.1															2	2	46		107
52/ 51																				18		81
50/ 49																				1		63
48/ 47																						35
46/ 45																						24
44/ 43																						11
42/ 41																						2
40/ 39																						2
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	
																		744		744		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3045839	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	45607	61.3	4.872	744			15.6	.6			93
Dew Point	2525146	41414	55.7	5.549	744			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/MAC

PSYCHROMETRIC SUMMARY

34069 SAN DIEGO BERNARDO/COLE AAF 60-64 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					1.8													2	2		
68/ 67			.9															1	1		
66/ 65		2.7	.9	.9														5	5		
64/ 63		.9	.9															2	2	3	2
62/ 61	.9	9.0	.9	.9														13	13	8	6
60/ 59	2.7	6.3	.9	.9														12	12	14	9
58/ 57	2.7	7.2	.9	.9														13	13	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	9	6
46/ 45	1.8	2.7																5	5	10	8
44/ 43	1.8	3.6																6	6	8	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	$\bar{X}$	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.	908113	10005	90.1	7.574	111							
Dry Bulb	338036	6150	53.9	7.443	114			2.4				90
Wet Bulb	311607	5831	52.5	6.936	111							90
Dew Point	296340	5682	51.2	7.060	111							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94008 SAN DIEGO MCKINLEY/CAMP ELLIOTT AAF 59-72 SEP

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB	TOTAL WB	TOTAL DP	TOTAL RH
70/ 69				.3	.1													4	4		
68/ 67			.4	.3	.2													13	12		
66/ 65		.6	1.1	1.0	.1													24	26	1	
64/ 63		.9	2.1	.8		.1												38	35	25	6
62/ 61	.4	4.0	2.6	.3		.2												70	70	37	22
60/ 59	1.1	4.5	2.4	1.0														83	83	75	54
58/ 57	2.2	6.5	3.7	.6														120	120	106	77
56/ 55	2.3	6.7	2.9	.2														112	113	113	106
54/ 53	1.7	6.5	3.2	.2	.1													109	110	117	103
52/ 51	.9	7.0	1.9	.3														94	98	99	116
50/ 49	1.5	4.4	1.4	.1														69	69	101	113
48/ 47	2.3	4.4	1.5	.1														77	77	85	103
46/ 45	1.2	3.4	.4	.1														47	47	67	73
44/ 43	1.3	2.1	.3	.1														35	35	46	58
42/ 41	.3	1.3																15	15	24	44
40/ 39	.3	.9																11	12	15	29
38/ 37	.1	.3																4	5	3	9
36/ 35																				1	7
34/ 33																					1
32/ 31																					1
TOTAL	15.6	53.6	24.5	5.5	.5	.3													933		924
																		924		924	

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.	7271800	81602	88.2	8.406	924							
Dry Bulb	2770134	50498	54.1	6.298	933			1.0				90
Wet Bulb	2581894	48262	52.2	5.824	924							90
Dew Point	2406906	46842	50.7	5.919	924		.1					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3406[illegible] SAN ANGELO DEPRESS AFB/COLEMAN AAF 59-72 SEP

PAGE 1 0900-1100

DB/WB	WET BULB TEMPERATURE DEPRESSION F° 0	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL DB	TOTAL WB	TOTAL Dew Point	TOTAL Wet Bulb
82/ 81										.1										1	1		
80/ 79									.1											1	1		
78/ 77								.1	.1	.1										3	3		
76/ 75							.1	.3	.5	.1										10	10		
74/ 73						.1	.5	.6	.4	.1										17	17		
72/ 71				.1	.3	.4	.4	.4	.4	.2										32	32		
70/ 69			.1	.2	1.7	1.9	.7	.3	.1											5[illegible]	5[illegible]		
68/ 67			.2	.1	1.8	2.5	1.4	.8	.1	.1										87	87	9	
66/ 65			.5	2.1	2.6	1.9	1.3	.5	.4											93	93	24	2
64/ 63		.3	2.4	2.7	1.7	1.2	.3	.2												96	96	69	14
62/ 61	.5	1.6	2.5	3.1	2.1	.3	.3	.1												106	106	100	47
60/ 59	.5	2.6	3.7	3.4	1.9	.4	.3													146	149	119	73
58/ 57	.1	3.1	3.	2.9	1.1	.2	.1													124	126	119	102
56/ 55		2.9	4.3	1.3	.6	.1														91	93	141	101
54/ 53	.2	2.4	2.4	1.1																61	62	168	122
52/ 51	.3	1.4	1.7	.3	.1															38	39	117	135
50/ 49	.3	.3	1.3		.1															2[illegible]	2[illegible]	61	152
48/ 47	.1	.2	.1																	4	4	42	85
46/ 45	.2	.3																		8	6	14	96
44/ 43																						4	43
42/ 41																							23
40/ 39																							9
38/ 37																							5
36/ 35																							3
34/ 33																							2
TOTAL	2.2	16.9	27.0	23.5	10.1	6.9	4.2	1.7	.8											98[illegible]	995	98[illegible]	996

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.	55044[illegible]5	72525	73.0	13.131	996							
Dry Bulb	2749959	60773	61.1	9.922	995			18.2	2.9	.2		90
Wet Bulb	3114[illegible]3	55214	56.0	4.8[illegible]7	986			.0				90
Dew Point	2715673	51493	52.2	5.588	986							90

USAFETAC [illegible] 0-265 [illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO, CALIFORNIA/LINDBERGH AFB 1957-71

SEP

PERIOD 1 1200-1400

°F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	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				
86/ 85														.2				.2														4	4		
84/ 83												.2				.2		.1														*	5		
82/ 81												.3		.1		.1		.4														9	9		
80/ 79									.3			.5		.2		.0		.2		.2												29	29		
78/ 77												1.5		1.0		.0		.2														39	39		
76/ 75							.2		2.2			2.5		1.9		.5		.3														74	74		
74/ 73					.1		.5		1.9			3.1		1.3		.9		.2														75	75		
72/ 71					.5		.8		2.8			2.6		1.5		.7		.1		.1												94	94	4	
70/ 69		.1		.2		1.7		1.4		2.0		1.8		1.4		.3		.3														84	84	7	
68/ 67		.2		.5		2.3		2.6		3.1		2.1		.9		.1		.3														119	119	27	1
66/ 65		.2		.9		1.6		2.7		3.2		1.5		.7		.2																104	107	73	9
64/ 63		.3		1.3		2.1		2.9		2.8		.5		.2		.1																99	101	109	16
62/ 61		.7		1.0		3.0		1.8		1.5		.2		.2																		92	95	135	57
60/ 59		.5		1.3		4.7		4.3		.4																						56	59	115	61
58/ 57		1.1		.9		.0		.7		.4																						37	38	156	97
56/ 55		.7		.0		.4		.4		.1																						22	22	152	121
54/ 53		.1		.1				.3																								*	5	97	120
52/ 51		.1																														1	1	55	130
50/ 49																																		20	115
48/ 47																																		8	70
46/ 45																																		1	64
44/ 43																																			41
42/ 41																																			25
40/ 39																																			12
38/ 37																																			6
36/ 35																																			3
34/ 33																																			8
32/ 31																																			2
TOTAL		4.2		7.7		15.9		16.4		20.7		16.9		9.9		4.0		2.4		.8												960	970	960	960

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	2277071	27101	59.52	21.749	960							90
Dry Bulb	4479731	65597	67.6	6.299	970			49.4	21.8	2.0		90
Wet Bulb	3328686	56254	58.7	4.674	960			3.6				90
Dew Point	2666259	50259	52.4	8.094	960		.2	.1				90

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 66

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO GERMANY/COLLEGE AIR AMF 59-72 SEP

PAGE 1 1500-1700

F	WET BULB TEMPERATURE DEPRESSION (F) 2 3 4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 ≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
88/ 87	.2	2	2	
86/ 85	.3 .2 .2 .3 .1	9	9	
84/ 83	.2 .2 .2 .3 .4	13	13	
82/ 81	.1 1.3 .2 .4 .6 .1	27	27	
80/ 79	.2 .8 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 2.0 1.7 .3 .4	64	64	
74/ 73	.1 .9 1.0 2.0 1.1 1.7 .5 .1	82	82	4
72/ 71	1.1 1.9 2.7 1.5 .9 .1 .5	80	80	8
70/ 69	.1 1.2 2.5 2.5 1.6 2.3 .1 .1	96	96	15
68/ 67	.1 .0 1.0 1.1 2.5 1.9 1.3	87	80	34 4
66/ 65	.3 .7 1.7 2.1 3.7 1.3 .3 .1	96	97	72 7
64/ 63	.5 .4 1.9 1.5 2.2 .9 .3	72	73	109 20
62/ 61	1.0 .9 1.9 2.3 .9 .3 .1	66	69	127 43
60/ 59	.1 .5 2.0 1.7 1.5 .9	69	63	118 70
58/ 57	1.1 1.4 .3 .9 .5	87	87	129 93
56/ 55	.7 .0 .1 .1 .1	16	16	149 105
54/ 53	.4 .1 .1 .1	7	7	79 115
52/ 51	.1 .1 .1 .1	4	4	47 114
50/ 49	.1	1	1	15 103
48/ 47				11 72
46/ 45				2 80
44/ 43				65
42/ 41				20
40/ 39				14
38/ 37				3
36/ 35				3
34/ 33				5
32/ 31				2
TOTAL	.2 4.9 7.4 11.1 14.8 18.5 17.5 14.8 6.1 3.1 2.0 .1	924		918
		918	918	

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.	3197751	52509	57.2	14.556	918							
Dry Bulb	4427931	63617	68.8	7.206	924			54.3	29.3	6.3		90
Wet Bulb	3229274	54264	59.1	4.872	918			5.8	.4			90
Dew Point	2540174	47964	52.2	9.191	918		.2	.4				90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISE PREVIOUS EDITION / Prior to Dec 69 Obsolete

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34008 SAN DIEGO/MARINE CORPS AIR STATION/MIRAMAR AAF 60-72 SEP

PAGE 1 1200-2000

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Wet B	TOTAL Dew P
86/ 85											.1								1	1		
84/ 83									.1										1	1		
82/ 81								.3	.3	.1	.1								4	6		
80/ 79							.4	.1	.3	.3	.1								5	9		
78/ 77						.1	.7	.6		.1									11	11		
76/ 75						.6	1.0	1.7	.4	.4									29	29		
74/ 73					.7	.4	1.4	.6	.3										24	24		
72/ 71				.1	.6	2.0	2.0	.9	.1		.1								41	41	1	
70/ 69			1.1	2.7	2.0	1.3	1.3	.4											62	62	5	
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	11
64/ 63		.0	1.9	3.3	2.9	2.1													75	75	72	28
62/ 61	.1	.5	3.4	2.9	2.4	.7	.1												72	72	78	44
60/ 59		2.4	3.1	4.3	1.4	.6	.1												91	82	75	57
58/ 57		1.0	4.4	2.7	1.9														70	71	112	79
56/ 55		1.0	2.7	.9	.7														37	37	94	77
54/ 53		1.6	.4	.6	.1														19	19	99	81
52/ 51		.4	.4	.1															7	7	54	102
50/ 49		.1	.1	.3															4	4	22	92
48/ 47																					10	53
46/ 45																					4	34
44/ 43																						19
42/ 41																						15
40/ 39																						6
38/ 37																						1
TOTAL	.1	7.9	22.2	24.6	19.5	14.4	7.7	2.0	1.0	.6									699	701	699	699

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.	3391763	47915	68.5	12.398	699							
Dry Bulb	2941734	45180	64.5	9.530	701			33.5	10.4	1.7		90
Wet Bulb	2367173	40529	58.0	6.971	699			4.4				90
Dew Point	2017396	37346	53.4	5.625	699							90

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

DATA PROCESSING STATION
USAF ETAC
AIR WEATHER SERVICE/MAC

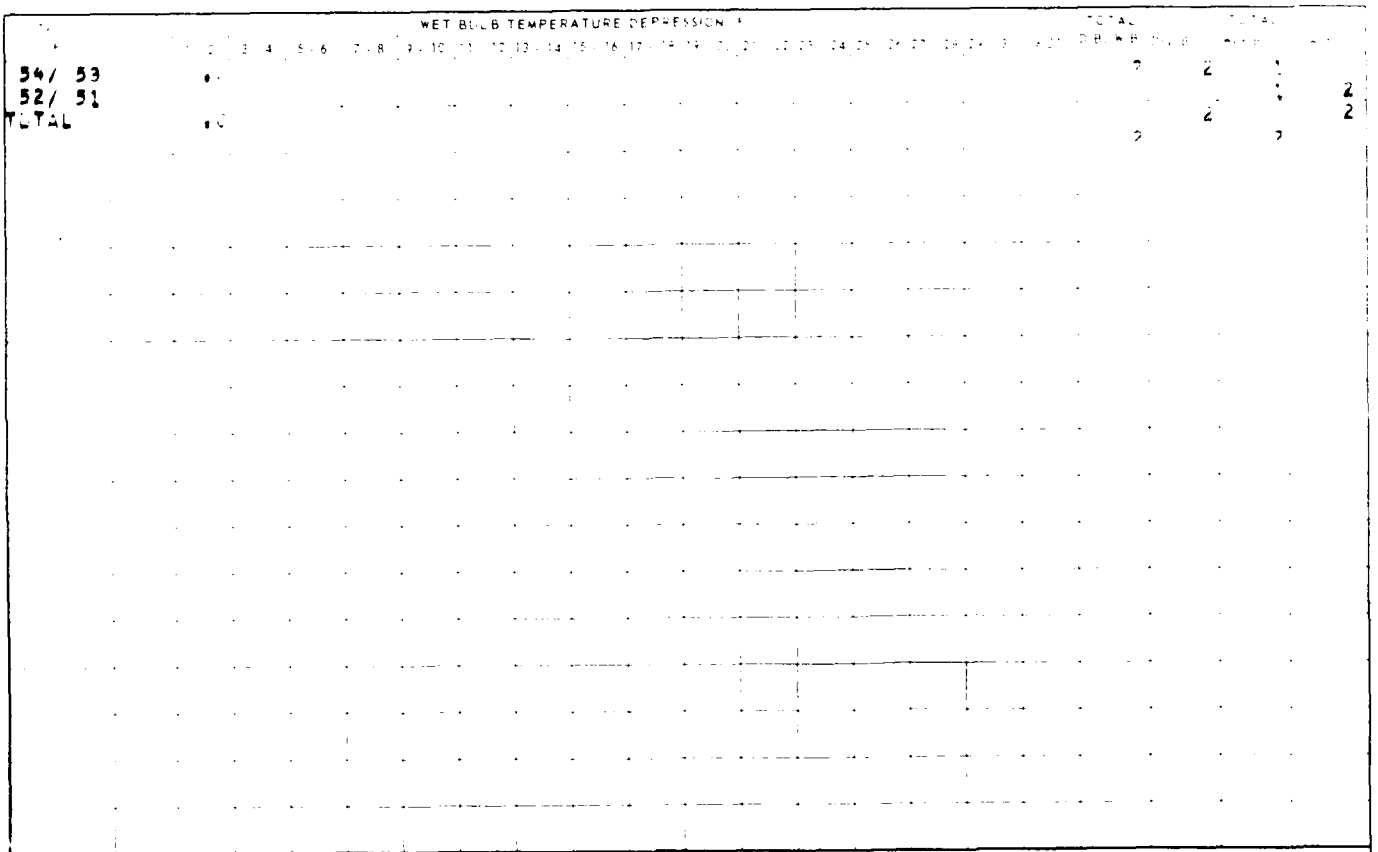
1

PSYCHROMETRIC SUMMARY

3406[illegible] SAN DIEGO/BROWN FIELD, CALIF. AAF 03

SEP

DATE 1 2100-2359



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.	16201	180	90.0		2							90
Dry Bulb	9832	128	64.0		2							90
Wet Bulb	9519	105	52.5		2							90
Dew Point	5202	102	51.0		2							90

USAFETAC FORM 0-265 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

1

PSYCHROMETRIC SUMMARY

34059 [illegible] 61-44

DATE 1 [illegible]

TEMP °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL Dew Pt.	TOTAL Wet Bulb
62/ 61				1.0														1	1		
60/ 59	1.0	3.1																4	4	2	2
58/ 57		2.1																2	2	3	3
56/ 55		4.1																4	4	3	1
54/ 53	1.0	5.2	3.1															9	9	5	5
52/ 51	2.1	4.1	2.1															8	8	7	7
50/ 49	1.0	3.1	3.1															7	7	3	3
48/ 47	1.0	9.3	2.1															12	12	7	7
46/ 45	3.1	8.2																11	11	14	11
44/ 43	3.1	5.2	2.1															12	12	13	13
42/ 41	2.1	5.2																7	7	9	10
40/ 39	4.1	4.1																8	8	11	12
38/ 37	2.1	3.1																5	5	6	9
36/ 35	2.1	2.1																4	4	5	6
34/ 33	2.1	1.0																3	3	3	4
32/ 31																					1
30/ 29	1.0	1.0																2	2	2	1
28/ 27																					1
TOTAL	25.8	60.8	12.4	1.0														97	97	97	97

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.	813774	8858	91.3	7.119	97							
Dry Bulb	211572	4478	46.2	7.104	97		1.9					93
Wet Bulb	199694	4352	44.9	5.799	97		1.9					93
Dew Point	189719	4239	43.7	6.824	97		2.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94008 SAN DIEGO/TERMINAL ISLE/A AAF 59-72 PST

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.	Dry B.	Wet B.	Dew P.
66/ 65					.2																											2	2		
64/ 63				.3																												3	3		
62/ 61	.1	.5	.5	.4																												15	15	1	
60/ 59	.4	.9	.4	.1																												18	18	17	9
58/ 57	.3	4.3	.7	.1																												51	51	32	22
56/ 55	.5	5.5	1.3	.2																												72	72	55	36
54/ 53	.6	5.3	1.7	.3																												76	76	64	52
52/ 51	1.4	4.2	2.1	.3																												92	92	84	81
50/ 49	1.9	4.4	2.7	.2																												88	86	85	89
48/ 47	2.9	4.6	2.0	.1																												100	100	88	66
46/ 45	4.	6.3	1.4																													111	111	123	96
44/ 43	3.3	5.1	.9	.1																												88	88	117	112
42/ 41	2.1	3.3	.5																													55	55	79	98
40/ 39	2.2	3.6	.4																													56	56	61	93
38/ 37	2.7	2.7	.1																													53	53	50	61
36/ 35	1.5	1.7																														30	30	36	55
34/ 33	1.6	.7																														24	24	34	33
32/ 31	.5	.6																														13	13	11	22
30/ 29	.7	.2																														9	9	13	20
28/ 27	.2																															2	2	3	5
26/ 25																																			1
TOTAL	20.9	34.9	16.1	2.1																													960		960
																																960		960	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	79146012	86840	90.5	7.818	960							
Dry Bulb	2175858	45174	47.1	7.231	960		2.3					93
Wet Bulb	2145062	43822	45.6	6.826	960		2.6					93
Dew Point	1931515	42541	44.3	6.878	960		4.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN DIEGO, CALIFORNIA/OCEANSIDE MAP 59-67
STATION NAME

PAGE 1 1000-1100

Temp F	WET BULB TEMPERATURE DEPRESSION F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL		DATA	
74/ 73							.1											1	1		
72/ 71			.1		.2		.1											4	4		
70/ 69					.1	.1												2	2		
68/ 67				.4	.3													7	7	1	
66/ 65		.2	.2	.6	.3	.1												14	14		1
64/ 63		.2	.0	1.6	.3	.1												31	31	4	1
62/ 61		1.0	1.3	1.6	.4													44	44	14	2
60/ 59		1.0	2.	1.2	.4	.2												55	55	31	9
58/ 57		2.8	3.7	1.0	.7	.5												95	95	66	32
56/ 55	.3	4.5	2.0	2.0	.7	.1												107	107	81	70
54/ 53	.3	2.3	2.0	3.0	1.0	.2												97	97	94	78
52/ 51	.7	3.0	3.4	1.7	.2													93	93	85	86
50/ 49	.7	4.1	3.	1.6	.2													9	9	100	79
48/ 47	1.4	3.6	4.7	1.0														112	112	132	93
46/ 45	2.2	4.7	2.3	.4														100	100	142	120
44/ 43	1.5	2.0	1.4															55	55	105	108
42/ 41	.7	2.3	.7	.1														39	39	84	111
40/ 39	.9	1.5	.9															27	27	45	89
38/ 37	1.0	1.5	.1															26	26	24	92
36/ 35	.7	.4																11	11	24	49
34/ 33	.3	.3																6	6	6	19
32/ 31	.2	.1																3	3	4	9
30/ 29																					5
TOTAL	10.7	36.7	29.0	17.3	4.7	1.3	.2											1032	1032	1032	1092

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.	7081255	84655	82.0	11.527	1032							
Dry Bulb	2770163	52949	51.3	7.204	1032		.3	1.3	.1			93
Wet Bulb	2457881	49939	48.4	6.330	1032		.4	.1				93
Dew Point	2203282	47202	45.7	6.558	1032		1.4					93

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

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/ MAC

1

PSYCHROMETRIC SUMMARY

34008 SAN ANGELO TERNA AFB/C LEMN AAF 59-70 CT

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B. Dry B.	TOTAL Wet B.	TOTAL Dew P.
84/ 83											.1							1	1		
80/ 79										.1								1	1		
78/ 77							.2	.1										3	3		
76/ 75					.1	.1	.2	.2										4	6		
74/ 73					.2	.4	.5											12	12		
72/ 71					.3	1.2	.5	.1										21	21		
70/ 69					.6	1.0	.7	.2		.1								24	26		
68/ 67				.9	1.4	1.0	.7	.4										44	44	1	
66/ 65			.5	1.9	2.2	1.3	.5	.1										68	65	9	
64/ 63			1.4	2.8	1.5	1.2	.9	.1										79	79	15	1
62/ 61		.1	1.5	1.8	2.6	.9	.4	.2										75	75	44	4
60/ 59		1.0	1.7	1.4	2.7	.8	.4											80	80	74	14
58/ 57		1.8	2.0	3.0	1.7	1.5	.1											101	101	94	44
56/ 55		2.0	2.2	4.3	3.0	.6												121	121	91	87
54/ 53		2.8	2.4	2.5	2.1	.1												99	99	102	81
52/ 51		.7	2.4	1.4	.8	.1												54	54	127	93
50/ 49	.4	2.6	2.0	1.7	.5													78	78	117	95
48/ 47	.3	2.3	1.5	.4														50	50	114	102
46/ 45	.5	2.5	1.9	.2	.1													52	52	101	118
44/ 43		.5	.4	.2														11	11	58	104
42/ 41		1.7		.1														18	18	27	82
40/ 39	.2	.5																7	7	21	67
38/ 37																				6	76
36/ 35																				1	23
34/ 33																					6
32/ 31																					1
30/ 29																					2
28/ 27																					2
TOTAL	1.4	18.6	20.7	22.5	19.7	10.2	5.2	1.4		.2	.1							1004		1004	
																		1004		1004	

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.	5156548	70574	70.3	13.897	1004							
Dry Bulb	3337516	57380	57.2	7.616	1004			10.6	2.1	.1		93
Wet Bulb	2711313	51835	51.6	5.920	1004			.1				93
Dew Point	2259564	47196	47.0	6.392	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/ MAC

PSYCHROMETRIC SUMMARY

34086 SAN DIEGO/MCAS MIRAMAR CA 59-72

PAGE 1 1500-1700

T d F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dew Point	W.B.
84/ 83											.2							2	2		
82/ 81									.1									1	1		
80/ 79							.1		.4									5	5		
78/ 77							.2		.1									3	3		
76/ 75						.3	.3	.2										8	8		
74/ 73				.1	.3	.5	.6											15	15		
72/ 71					.5	.9	.9	.5	.1	.1								33	33		
70/ 69					.7	1.1	1.2	.2	.2									32	32		
68/ 67				.8	1.6	1.2	1.1	.1	.1									46	46	4	
66/ 65			.8	2.1	1.2	1.9	.9	.6	.2									71	71	14	
64/ 63		.1	1.7	1.9	2.1	1.3	.7											75	75	23	2
62/ 61		.2	2.5	1.2	1.0	1.5	.1	.1										64	64	43	7
60/ 59		.6	1.8	2.5	2.2	1.3	.6											90	90	82	25
58/ 57		1.8	1.2	3.7	2.3	1.2												99	99	102	55
56/ 55		2.4	2.6	2.3	3.4	.7												110	110	92	77
54/ 53		1.3	4.	3.0	1.6	.2												98	98	93	73
52/ 51		1.1	1.5	1.5	.2	.2												43	43	135	83
50/ 49		1.9	1.6	1.2	.4													49	49	94	93
48/ 47	.1	1.7	2.1	.4														41	41	115	113
46/ 45	.5	2.6	1.3	.2	.2													47	47	65	101
44/ 43		.9	.7															16	16	56	86
42/ 41		.9	.3	.1														13	13	29	97
40/ 39		.1																1	1	14	72
38/ 37		.1																1	1	3	48
36/ 35																				1	19
34/ 33																					4
32/ 31																					4
30/ 29																					4
28/ 27																					2
TOTAL	.6	16.0	22.1	21.0	17.7	12.6	6.3	2.1	1.2	.1	.2							965	965	965	965

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.	47636983	663889	68.8	14.271	965							
Dry Bulb	3332715	56195	58.2	7.909	965			14.2	3.3	.6		93
Wet Bulb	2674716	50470	52.3	6.085	965			.6				93
Dew Point	2209425	45743	47.4	6.530	965		1.0					93

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

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

3400[illegible] SAN DIEGO, CALIFORNIA/MIRAMAR NAS 01-71 [illegible]

PAGE 1 1900-2000

Dry Bulb / Wet Bulb °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
76/ 75								.1										1	1		
74/ 73					.1	.1	.3											4	4		
72/ 71					.3	.3												4	4		
70/ 69			.9	.9	.1	.1												4	4		
68/ 67				.4	.4	.4												9	9	1	
66/ 65			.7	1.6	.6	.3												22	22	5	
64/ 63		.3	2.3	1.4	1.2	.3												38	38	8	4
62/ 61		1.5	2.6	2.0	.4	.1												43	43	17	4
60/ 59		2.6	4.2	2.7	.4	.1												71	70	45	12
58/ 57		3.5	1.9	3.0	.6													58	59	57	43
56/ 55		2.9	3.4	3.9	.4													72	72	79	39
54/ 53	.4	4.1	3.0	1.3	1.3													74	74	67	72
52/ 51	.4	2.3	4.5	2.0														62	62	73	73
50/ 49	.3	3.6	3.5	2.5														68	68	63	72
48/ 47	1.6	4.3	2.5	1.6														69	69	93	81
46/ 45	1.5	2.6	1.4	.6														37	37	79	70
44/ 43	.1	2.9	.4															24	24	45	62
42/ 41	.1	1.6	.6															15	16	32	52
40/ 39	.1	.3	.1															4	4	15	48
38/ 37	.3	.3	.4															7	7	8	30
36/ 35	.1		.1															2	2	3	13
34/ 33																				2	12
32/ 31																				1	1
30/ 29																					1
28/ 27																					2
TOTAL	4.6	31.5	32.1	23.4	5.9	1.9	.3	.1										691	691	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.	4432647	54813	79.3	11.876	691							
Dry Bulb	2611192	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	32925	47.6	6.497	691		.5					93

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

1

DATA PROCESSING SYSTEM
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SAN ANGELO TERMINAL/CITY AP AAF 61-64,66
STATION NAME YEARS

PAGE 1 0300-0500

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57			1.8															2	2			
56/ 55			.9															1	1	1		
54/ 53		.9																1	1	1		1
52/ 51		1.8																2	2	2		
50/ 49		.9	2.8															4	4	2		2
48/ 47	.9	1.8	2.8	.9														16	16	4		5
46/ 45		3.7																4	4	13		6
44/ 43		2.8																3	3	7		7
42/ 41	.9	6.4																6	6	7		9
40/ 39	3.7	9.2	.9															15	15	13		11
38/ 37	1.8	6.4	.9															13	13	9		12
36/ 35	2.8	6.4																10	10	9		9
34/ 33	.9	7.3																9	9	15		9
32/ 31	2.8	6.3																12	12	7		15
30/ 29	.9	2.8																4	4	11		8
28/ 27	.9	.9																2	2	2		4
26/ 25	.9	3.7																5	5	4		4
24/ 23	.9																	1	1	3		4
22/ 21																						2
20/ 19																						1
TOTAL	17.4	71.6	10.1	.9															109			109
																		109		109		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	874477	9737	89.3	6.874	109							
Dry Bulb	171916	4250	39.0	7.580	109		19.8					90
Wet Bulb	160040	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING STAFF
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1

3406TH [illegible] SQUADRON/CCTS [illegible] AFB [illegible] 59-72
STATION NAME YEARS

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Pt.
64/ 63			.1		.1													2	2	
62/ 61				.1	.2													3	3	
60/ 59				.2														2	2	1
58/ 57		.2	.3	.4														9	9	1
56/ 55		.6	.9	.2	.3													12	12	8
54/ 53		.2	.0	1.2	.2													20	20	14 3
52/ 51		.6	1.0	.0														28	28	11 10
50/ 49		2.9	3.9	.2	.2													65	65	25 18
48/ 47	.2	4.0	1.9		.1													54	56	68 20
46/ 45	.0	5.9	2.0															75	78	71 54
44/ 43	.2	5.4	1.0															59	59	90 82
42/ 41	2.2	5.0	1.3															77	77	81 90
40/ 39	1.6	7.4	1.7															95	95	79 89
38/ 37	2.1	3.6	.7															57	57	86 92
36/ 35	1.9	6.1	.0															77	77	68 78
34/ 33	2.1	7.5	.4															90	90	92 69
32/ 31	3.8	3.8	.2															70	70	90 114
30/ 29	2.1	3.0	.1															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
18/ 17																				3
TOTAL	19.7	58.5	17.9	3.0	1.2													895		895
																		895	895	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum	68838891	78103	87.3	8.732	895							
Dry Bulb	1500324	35976	40.2	7.787	895		16.0					90
Wet Bulb	1374331	34515	38.6	6.956	895		20.3					90
Dew Point	1237681	32725	36.6	6.782	895		29.1					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

3406R SAUDI ARABIA/DHAHRAN/KHAF 59-67

DATE 1 JAN-31 DEC

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	DP	WB - DP
68/ 67					.1												1	1		
66/ 65				.1													1	1		
64/ 63				.2													2	2		
62/ 61			.2	.1													3	3		
60/ 59		.1	.2	.1													4	4		
58/ 57	.3	.3	.4	.3	.1												14	14	3	
56/ 55	.6	.3	.6	.5													20	20	7	
54/ 53	.3	.9	1.5														27	27	14	5
52/ 51	1.1	3.0	.6														54	54	14	14
50/ 49	1.7	4.4	.3	.1													64	64	34	15
48/ 47	.4	3.0	4.1	.5													83	83	95	29
46/ 45	.5	6.3	3.0	.4													99	99	82	65
44/ 43	.5	4.4	2.5	.1													73	73	124	88
42/ 41	.7	4.8	2.3	.2													78	78	66	127
40/ 39	.7	6.4	2.9	.1													98	98	84	87
38/ 37	1.6	6.2	1.1														87	87	108	75
36/ 35	2.1	6.2	.6														88	88	108	118
34/ 33	2.4	6.3	.9														93	93	89	109
32/ 31	1.5	3.1	.4														49	49	86	92
30/ 29	.5	1.3	.2														20	20	31	69
28/ 27	.4	.5															9	9	17	41
26/ 25		.4															4	4	5	22
24/ 23	.2	.2															4	4	5	8
22/ 21																			1	7
20/ 19																				3
18/ 17																				1
TOTAL	11.6	53.6	27.9	5.2	1.4	.2											975		975	
																		975		975

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum.	6993567	82059	84.2	9.462	975							
Dry Bulb	1760109	40799	41.8	7.368	975		7.9	.1				90
Wet Bulb	1579630	38728	39.7	6.513	975		13.4					90
Dew Point	1392001	36301	37.2	6.444	975		22.4					90

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

1

DATA PROCESSED BY AFETAC/DAT

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3400 SURFACE OBSERVATIONS 59-73

PAGE 1 1200-1400

DB/WB	WET BULB TEMPERATURE DEPRESSION F	TOTAL DB	TOTAL WB	TOTAL Wet Bulb Dew Point
72/ 71	.2	2	2	
70/ 69	.1	1	1	
68/ 67	.2	2	2	
66/ 65	.1	1	1	
64/ 63	.1 .3	4	4	
62/ 61	.1 .5 .1	7	7	
60/ 59	.7 .3 .2	17	17	4
58/ 57	.6 .4 1.0 .7	23	23	2
56/ 55	.3 1.0 2.3 .6	41	41	10 1
54/ 53	.4 1.4 3.0 .4	50	50	19 5
52/ 51	1.0 4.3 2.1 .7	83	83	37 14
50/ 49	.1 2.2 4.0 2.5 .6 .2	94	94	74 24
48/ 47	.3 1.7 6.4 2.0 .4 .1	104	104	107 53
46/ 45	.2 3.1 3.9 1.2 .4 .1	79	79	81 78
44/ 43	.4 3.4 3.0 .6	78	76	127 97
42/ 41	.2 4.2 2.7 1.0 .1	79	79	80 106
40/ 39	.1 3.0 3.0 .8	79	79	95 81
38/ 37	.5 5.9 1.2 .3	75	75	90 100
36/ 35	.7 3.0 1.4	54	56	99 93
34/ 33	.9 4.1 .5	53	53	63 122
32/ 31	.4 1.3 .5	21	21	49 64
30/ 29	.3	3	3	11 46
28/ 27	.1	1	1	4 39
26/ 25				19
24/ 23				5
22/ 21				2
20/ 19				2
TOTAL	4.0 30.3 34.4 17.9 5.9 .6 .4 .2	953		953
		953	953	

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.	5876410	74002	77.7	11.687	953							
Dry Bulb	1993525	43009	45.1	7.420	953		2.4	.5				90
Wet Bulb	1706382	39882	41.8	6.265	953		6.2					90
Dew Point	1432754	36446	38.2	6.395	953		10.7					90

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

1

DATA PROCESSING SYSTEM
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 [illegible] 29-7.

DATE 1 1501-1700

DB °F / °C	WET BULB TEMPERATURE DEPRESSION °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	TOTAL	TOTAL
68/ 67					.1																										1	1
66/ 65				.1	.1																										2	2
64/ 63					.1																										1	1
62/ 61				.1	.2	.3	.5	.2																							13	13
60/ 59			.1		.5	.4	.3																								13	13
58/ 57				.3	1.3	.5																									27	27
56/ 55			.9	1.9	1.2	.6																									33	33
54/ 53			.3	6.0	2.3	.1																									57	57
52/ 51	.1	1.2	4.		1.6	.1																									72	72
50/ 49	.1	2.2	4.6		1.2	.3	.1																								81	81
48/ 47	.2	2.1	3.		1.6	.6																									89	89
46/ 45	.2	4.5	2.3		1.3	.2																									93	93
44/ 43		4.3	2.2		1.9																										78	78
42/ 41	.4	5.0	3.7		.4	.1																									89	89
40/ 39	.3	4.5	3.5		.6																										84	84
38/ 37	.5	4.9	2.		.1																										56	56
36/ 35	.3	3.4	.5		.1																										42	42
34/ 33	1.1	3.9	.2																												48	48
32/ 31	.5	1.6	.7																												26	26
30/ 29		.3																													3	3
28/ 27																																
26/ 25																																
24/ 23																																
22/ 21																																
TOTAL	3.9	39.0	34.0	14.0	5.2	1.5	.2																								915	915
																															91*	91*

Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	5702924	71858	78.5	11.442	915							
Dry Bulb	1910276	41266	45.1	7.3	915		2.9	.1				90
Wet Bulb	1647071	38397	42.0	6.257	915		5.9					90
Dew Point	1395611	35245	38.5	6.397	915		15.9					90

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

1

DATA PROCESSED BY USAFETAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3400A SURFACE OBSERVATIONS FROM YUCCA AAF 60-74

PAGE 1 1800-2000

F	WET BULB TEMPERATURE DEPRESSION (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	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point	
64/ 63	.5	2	2		
62/ 61	.5 .1 .1	4	4		
60/ 59	.1 .5 .7 .4 .4	15	15	2	
58/ 57	.3 .5 .3 .0	12	14	4	
56/ 55	.4 .7 .9	14	14	8	6
54/ 53	.4 1.4 1.2 .1	21	20	11	4
52/ 51	.1 1.3 3.7 .4	38	38	24	4
50/ 49	.1 3.2 3.0 .7 .1	53	53	33	20
48/ 47	.3 4.1 2.0 .3 .1	51	51	58	33
46/ 45	.1 5.7 2.7 .3	63	63	74	50
44/ 43	.3 6.9 1.0 .6	64	64	69	64
42/ 41	.1 5.7 3.1 .1	62	62	68	71
40/ 39	1.0 5.1 3.1	62	62	58	76
38/ 37	.9 6.3 1.0 .4	53	53	71	48
36/ 35	1.2 6.5 1.0	59	59	72	72
34/ 33	2.5 4.6 .0	52	52	76	80
32/ 31	.7 2.2 .4	23	23	30	81
30/ 29	.3 1.5 .1	13	13	22	34
28/ 27	.1	1	1	9	15
26/ 25					11
24/ 23					11
22/ 21					3
TOTAL	.1 54.4 29.1 6.3 1.6 .4		680		680
		680		680	

Element	Σx	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Ref. Wet Bulb	4739929	96373	82.9	6.590	680							
Dry Bulb	1292437	29233	43.0	7.253	680		4.9					90
Wet Bulb	1152689	27651	40.7	6.457	680		8.1					90
Dew Point	1004817	25815	38.0	6.512	680		20.1					90

USAFETAC FORM 0-26S

1

[illegible] PROCESSING PLANT
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3400P [illegible] SCIENCE APPLICATIONS DIVISION [illegible] AFB 60

PAGE 1 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION 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	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.
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
42/ 41	28.6																2	2	1
40/ 39	14.3																1	1	2 1
38/ 37	14.3																1	1	2
36/ 35																			1
34/ 33																			1
TOTAL	14.3	55.7															7	7	7

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.	35704	624	39.1	3.332	7							90
Dry Bulb	13596	306	43.7	5.469	7							90
Wet Bulb	12696	296	42.3	5.469	7							90
Dew Point	11609	285	40.7	5.851	7							90

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

1

DATA PR[illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SA [illegible] 21-24

[illegible] 1 0300-0500

DB F	WET BULB TEMPERATURE DEPRESSION 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	TOTAL DB	TOTAL Wet B	TOTAL Dew P
60/ 59	1.2	1	1	
58/ 57	1.2	1	1	
56/ 55	1.2	1	1	1
54/ 53	1.2 1.2	2	2	2 2
52/ 51	1.2	1	1	1
50/ 49	2.4 4.6	3	3	2 2
48/ 47				2 2
46/ 45	1.2	1	1	1 1
44/ 43	1.2 1.2	2	2	1 1
42/ 41				1 1
40/ 39	7.2 2.4	9	9	2 2
38/ 37	6.6	6	6	6 2
36/ 35	4.8	4	4	7 5
34/ 33	2.4 13.3 1.2	14	14	8
32/ 31	2.4 6.6	7	7	12 9
30/ 29	1.2 2.4	3	3	5 9
28/ 27	2.4 2.4	4	4	4 6
26/ 25	3.6	3	3	4 8
24/ 23	1.2 2.4	3	3	2 2
22/ 21	2.4	2	2	3 2
20/ 19	6.6 2.4	7	7	7 4
18/ 17	3.6	3	3	3 4
16/ 15	1.2 2.4	3	3	1 4
14/ 13	2.4 1.2	3	3	4 1
12/ 11	1.2	1	1	2 2
10/ 9	1.2	1	1	1
8/ 7				5
6/ 5				1
TOTAL	31.35 9.6 6.4 1.2		92	93
		93	93	

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	629436	7202	86.6	7.418	83							
Dry Bulb	93866	2620	31.71	11.333	83		46.8					93
Wet Bulb	86111	2528	30.51	10.542	83		54.9					93
Dew Point	75231	2332	26.11	9.881	93		63.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

34068 SANTA MARIA/CAPTAIN G. ALLAN HANCOCK AAF (PAN AM) 59-72 DEC

PAGE 1 0500-0800

DB / WB	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL DB	TOTAL WB	TOTAL Dew Pt	TOTAL Wet Bulb + Dew Pt
60/ 59					.4														2	2		
58/ 57			.2	.4	.1														7	7	1	
56/ 55			.1	.4															5	5	2	2
54/ 53				.4															4	4	2	2
52/ 51			.0	.2															9	9	4	2
50/ 49			.3	.3	.2														12	12	12	10
48/ 47		1.3	1.5	.1															24	24	9	10
46/ 45	.2	2.5	1.2																36	36	21	12
44/ 43		3.1	1.1	.2															40	40	35	16
42/ 41		1.7	.7	.2															25	25	42	30
40/ 39	.7	5.1	2.8																77	77	33	50
38/ 37	.7	6.4	2.																82	82	79	29
36/ 35	2.1	9.2	.7																103	108	122	94
34/ 33	2.0	8.0	.5																112	112	104	119
32/ 31	2.8	4.3	.1																65	65	104	118
30/ 29	3.2	5.2	.2																79	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	19	22
16/ 15	1.1	.0																	15	15	12	19
14/ 13	.9	.5																	15	15	14	13
12/ 11	.6	.1																	6	6	10	8
10/ 9	.4																		4	4	5	7
8/ 7	.3																		3	3	3	12
6/ 5																						6
4/ 3																						1
TOTAL	25.8	59.5	13.0	1.1																904		904
																			904		904	

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.	6921434	78796	87.2	7.681	904							
Dry Bulb	1 92757	30337	33.6	9.095	904		27.1					93
Wet Bulb	1004325	29151	32.2	8.439	904		44.2					93
Dew Point	884065	27169	30.1	8.647	904		55.3					93

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

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DATA PROCESSING UNIT
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3406[illegible] SUMMER TERMINAL/CITY AFB 59-71

PAGE 1 0900-1100

	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B. W.B.	TOTAL Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31														
62/ 61				.2																								2	2		
60/ 59			.3	.1																								4	4		
58/ 57		.1	.2																									3	3		
56/ 55		.2	.2	.1																								5	5	6	
54/ 53		.3	.4																									7	7	6	2
52/ 51		.5	.5																									10	10	6	6
50/ 49		1.1	.6																									17	17	17	12
48/ 47	.1	.7	1.0	.5																								31	31	9	16
46/ 45		1.5	2.1	.8																								39	39	19	7
44/ 43	.1	3.0	3.9	.2																								66	66	42	12
42/ 41		2.3	2.5																									48	48	62	29
40/ 39	.2	3.5	2.6	.1																								63	63	56	50
38/ 37	.6	9.4	2.1		.1																							123	123	80	71
36/ 35	1.7	7.1	1.7	.2																								106	106	143	94
34/ 33	1.8	6.1	.9																									107	107	102	129
32/ 31	2.0	5.2	.6																									78	78	120	118
30/ 29	2.1	2.7	.2																									50	50	80	101
28/ 27	1.7	3.0																										55	55	43	73
26/ 25	1.6	2.4	.1																									41	41	48	53
24/ 23	1.3	2.7																										40	40	41	43
22/ 21	2.0	.8																										28	28	41	41
20/ 19	1.2	.6																										20	20	19	45
18/ 17	.8	.9																										17	17	17	30
16/ 15	.8	.6																										16	16	14	14
14/ 13	.5	.4																										9	9	14	13
12/ 11	.1																											1	1	2	13
10/ 9	.2	.1																										3	3	3	8
8/ 7	.2	.1																										3	3	3	4
6/ 5																															3
4/ 3																															2
2/ 1																															1
TOTAL	19.4	59.0	19.6	1.7	.1																							992		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.	7241284	84334	85.0	6.506	992							
Dry Bulb	1262591	34273	34.5	8.899	992		33.8					93
Wet Bulb	1144221	32696	33.0	8.196	992		41.7					93
Dew Point	987066	30142	30.4	8.476	992		52.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34008 SAULT STE MARIE/SANDERSON AAF 59-73 DEC

TIME 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB & WB	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
04/ 63					.1													1	1		
62/ 61				.1	.1	.1												2	2		
60/ 59			.1	.1														2	2		
58/ 57		.2	.2	.1	.1													5	6		
56/ 55		.2	.4	.2														8	8	3	2
54/ 53		.1	.7	.1	.1													10	10	4	2
52/ 51		.7	.6	.1	.2													15	16	11	6
50/ 49		.4	1.4	.6	.1													24	24	14	9
48/ 47		.6	2.4	1.4														42	42	12	11
46/ 45	.2	1.3	4.4	.7														63	63	25	16
44/ 43		4.1	2.7	.2	.1													68	68	51	16
42/ 41		2.0	3.9	.6														62	62	99	33
40/ 39		4.2	4.5	.6	.1													90	90	46	55
38/ 37	.5	7.7	3.6	.5														117	117	117	77
36/ 35	1.1	5.1	3.4	.4														94	94	124	101
34/ 33	1.5	5.5	1.7	.1														83	83	100	114
32/ 31	1.3	4.4	1.4	.1														68	68	89	105
30/ 29	1.1	3.9	1.4	.1														59	59	67	93
28/ 27	1.3	3.0	.3															43	43	69	69
26/ 25	.5	1.3	.2															19	19	39	60
24/ 23	.9	1.9	.2															29	29	23	51
22/ 21	.6	.4																10	10	23	43
20/ 19	.9	.4																13	13	14	34
18/ 17	.2	.9																11	11	8	18
16/ 15		.6																6	6	9	5
14/ 13		.1																1	1	3	15
12/ 11		.1																1	1	1	4
10/ 9																				1	7
8/ 7																					2
6/ 5																					1
4/ 3																					1
2/ 1																					1
TOTAL	10.1	49.2	33.4	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 ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6204103	76102	80.2	10.331	949							
Dry Bulb	1368161	35167	37.1	8.279	949		25.5					93
Wet Bulb	1202511	33017	34.8	7.534	949		33.7					93
Dew Point	992691	29723	31.3	8.071	949		49.5					93

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

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

94C08 SANDBERG BERRY/CHELTAN AAF 59-72 DEC

PAGE 1 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
62/ 61					.1	.1												2	2			
60/ 59				.1	.2	.1												4	4			
58/ 57			.2	.3		.4												6	6	2		
56/ 55				.4														4	4	5		3
54/ 53			.6	.6		.1												3	5	3		3
52/ 51	.2	.3	.3	.1	.6													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		3.7	2.5	.4														60	60	46		12
42/ 41		2.3	2.7	.9														53	53	9		31
40/ 39		5.2	5.2	.9														99	99	53		67
38/ 37	.3	7.7	3.4	.1														105	105	90		67
36/ 35	1.5	7.4	2.6	.1														107	107	135		97
34/ 33	1.0	4.6	2.3	.1														74	74	100		121
32/ 31	1.1	3.4	1.6															52	52	71		103
30/ 29	1.2	3.4	1.	.1														52	52	66		92
28/ 27	1.9	2.6	.2															44	44	59		69
26/ 25	.9	1.9	.6															27	27	32		59
24/ 23	1.0	2.2	.3															32	32	28		60
22/ 21	.4	1.0																13	13	23		40
20/ 19	.3																	3	3	10		29
18/ 17	.3	.3																6	6	3		17
16/ 15	.1	.4																5	5	7		8
14/ 13	.1	.2																3	3	4		6
12/ 11																						2
10/ 9																						3
8/ 7																						2
6/ 5																						1
4/ 3																						1
TOTAL	10.5	51.4	31.2	5.6	1.2														904			904
																		904		904		

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.	8992354	73046	80.8	9.872	904							
Dry Bulb	1303376	33536	37.1	8.102	904		24.4					93
Wet Bulb	1149369	31535	34.9	7.389	904		32.2					93
Dew Point	956658	28536	31.6	7.867	904		47.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SA DARMSTADT GERMANY/CLEMENS AAF (STATION NAME) 60-70 (YEARS) DEC

PAGE 1 1800-2000

Wet Bulb / Dry Bulb	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
62/ 61			.1															1	1	
60/ 59			.3															2	2	
58/ 57			.4		.3													4	6	1
56/ 55			.7		.1													4	6	2
54/ 53		.1	.1		.1													3	3	R 2
52/ 51	.3	.3	.4															7	7	1 6
50/ 49		.3	1.2															10	10	5 5
48/ 47		1.3	1.9	.6														24	24	4 7
46/ 45		3.5	1.3	.4														36	36	23 14
44/ 43		4.0	2.7	.1														48	48	41 10
42/ 41		2.5	1.3															26	26	39 35
40/ 39	.6	5.3	2.9															62	62	42 32
38/ 37	.7	8.5	1.9															77	77	59 43
36/ 35	1.0	10.4	1.2															87	87	99 70
34/ 33	1.4	8.6	.7															76	76	91 87
32/ 31	1.3	6.2	.7															58	58	66 103
30/ 29	1.6	4.9	.4															48	48	62 66
28/ 27	2.3	3.3	.1															40	40	54 46
26/ 25	.7	1.7																17	17	23 48
24/ 23	1.0	2.0																21	21	R 40
22/ 21	1.2	1.0																15	15	24 17
20/ 19	1.0	.6																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 8
12/ 11																				1
10/ 9																				2
8/ 7																				1
TOTAL	14.2	65.3	16.8	1.2	.6														692	692
																		692		692

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.	4995482	58554	84.6	7.693	692							
Dry Bulb	935742	24842	35.9	7.975	692		29.4					93
Wet Bulb	846032	23072	34.2	7.323	692		36.2					93
Dew Point	730640	21878	31.6	7.508	692		50.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34068 SANDHOFEN GERMANY/COLEMAN AAF 60 DEC

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB, WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			4.8															1	1		
46/ 45		4.8																1	1	1	
44/ 43		9.5																2	2	2	1
42/ 41																				1	2
40/ 39	4.8	9.5																3	3	1	1
38/ 37		9.5																2	2	2	2
36/ 35	4.8	14.3																4	4	3	1
34/ 33	4.8	14.3																4	4	5	2
32/ 31		9.5																2	2	2	7
30/ 29		4.8																1	1	1	2
28/ 27		4.8																1	1	2	1
24/ 23																					2
TOTAL	14.3	61.0	4.8																21		21
																		21		21	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	169913	1851	88.1	6.167	21							93
Dry Bulb	28612	768	36.6	5.124	21		17.7					93
Wet Bulb	26775	743	35.4	4.934	21		22.1					93
Dew Point	23920	700	33.3	5.416	21		28.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34068 SAN DIEGO/TERMINAL ISLA/COUNTY AP 59-70

STATION NAME YEARS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
00-02	MEAN	2[illegible]						55,[illegible]						46,[illegible]
	TOTAL OBS	1						1						2
03-05	MEAN	29,7	29,4	34,[illegible]	44,6	5[illegible]	55,4	57,6	58,[illegible]	53,9	46,2	39,[illegible]	31,7	45,7
	S D	[illegible]454	9,409	[illegible],113	[illegible],373	[illegible],955	6,025	5,444	[illegible],12[illegible]	7,443	7,1[illegible]4	7,58[illegible]	11,333	12,777
	TOTAL OBS	91	82	74	119	119	103	106	127	114	97	109	89	1224
06-08	MEAN	31,[illegible]	34,[illegible]	37,6	45,9	53,[illegible]	59,5	61,3	60,[illegible]	54,1	47,1	40,2	33,6	46,7
	S D	[illegible],844	[illegible],511	7,51[illegible]	[illegible],56[illegible]	5,77[illegible]	6,004	5,484	5,257	6,298	7,231	7,787	[illegible],09[illegible]	12,77[illegible]
	TOTAL OBS	879	792	939	923	934	874	890	992	933	96[illegible]	[illegible]95	90[illegible]	10[illegible]17
09-11	MEAN	32,5	36,2	41,[illegible]	51,7	59,8	66,6	68,5	67,[illegible]	61,1	51,3	41,[illegible]	34,5	51,3
	S D	[illegible],737	[illegible],860	7,297	7,61[illegible]	6,915	7,38[illegible]	7,087	[illegible],23[illegible]	6,022	7,204	7,36[illegible]	[illegible],899	14,[illegible]62
	TOTAL OBS	914	847	966	945	96[illegible]	927	936	105[illegible]	995	1032	975	992	11[illegible]39
12-14	MEAN	35,5	40,2	47,1	57,[illegible]	64,5	71,2	73,4	72,3	67,6	57,2	48,1	37,1	56,[illegible]
	S D	[illegible],941	[illegible],169	7,61[illegible]	9,10[illegible]	[illegible],339	[illegible],63[illegible]	[illegible],571	7,61[illegible]	6,399	7,61[illegible]	7,42[illegible]	[illegible],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,[illegible]	74,6	73,6	68,8	58,2	48,1	37,1	56,9
	S D	[illegible],444	7,949	7,98[illegible]	9,662	[illegible],75[illegible]	[illegible],772	9,081	[illegible],234	7,206	7,90[illegible]	7,30[illegible]	[illegible],102	16,151
	TOTAL OBS	951	792	912	892	911	876	882	987	924	965	915	904	10[illegible]09
18-20	MEAN	34,9	39,[illegible]	45,[illegible]	54,6	63,1	69,3	72,0	70,1	64,5	54,2	43,[illegible]	35,9	54,1
	S D	[illegible],291	7,392	7,59[illegible]	[illegible],933	[illegible],17[illegible]	[illegible],320	9,694	7,717	6,53[illegible]	7,01[illegible]	7,253	7,975	15,372
	TOTAL OBS	630	553	69[illegible]	691	700	623	669	744	701	69[illegible]	680	692	8[illegible]69
21-23	MEAN	32,2		47,3				63,[illegible]		54,[illegible]		43,7	36,6	4[illegible],[illegible]
	S D	[illegible],371		5,667								5,46[illegible]	5,124	8,874
	TOTAL OBS	19		2[illegible]				1		2		7	21	7[illegible]
ALL HOURS	MEAN	33,9	37,9	43,[illegible]	53,2	6[illegible],[illegible]	67,3	69,5	68,2	62,9	53,4	43,[illegible]	35,5	52,8
	S D	[illegible],383	[illegible],993	[illegible],651	9,551	[illegible],[illegible]36	[illegible],228	[illegible],345	[illegible],687	8,527	[illegible],339	7,703	[illegible],684	15,46[illegible]
	TOTAL OBS	4275	3891	455	4495	456[illegible]	4316	4401	4926	4639	4749	4634	4545	53869

USAFETAC FORM 0-8-9-5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

ET=0-6 TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34068 SAN JOSE SPANISH Y/C LE A AAF 59-67

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	27.						57.[illegible]						42.[illegible]
	TOTAL OBS	1						1						2
03-05	MEAN	2[illegible].5	2[illegible].5	33.4	44.[illegible]	4[illegible].[illegible]	53.2	55.2	56.1	52.5	44.[illegible]	37.7	3[illegible].[illegible]	43.[illegible]
	S D	[illegible].937	[illegible].[illegible]9[illegible]	7.648	5.814	5.[illegible]92	6.029	4.944	4.562	4.938	6.799	7.5[illegible]1	[illegible].542	12.193
	TOTAL OBS	91	82	74	119	119	108	106	127	111	97	109	8[illegible]	1221
06-08	MEAN	3[illegible].4	32.5	35.7	43.2	49.7	55.6	57.6	57.1	52.2	45.6	3[illegible].4	32.2	44.[illegible]
	S D	[illegible].429	[illegible].[illegible]09	7.04[illegible]	6.149	5.233	5.355	4.[illegible]03	4.653	5.[illegible]04	6.826	6.95[illegible]	[illegible].439	11.[illegible]57
	TOTAL OBS	878	75[illegible]	891	923	934	87[illegible]	89[illegible]	992	924	96[illegible]	[illegible]95	904	10[illegible]17
09-11	MEAN	31.1	34.[illegible]	39.5	46.6	53.1	58.7	60.4	60.3	56.0	48.4	39.7	33.[illegible]	45.9
	S D	[illegible].147	[illegible].294	6.643	[illegible].065	5.223	5.585	5.185	4.532	4.807	6.33[illegible]	6.513	[illegible].196	12.402
	TOTAL OBS	914	802	91[illegible]	945	990	927	936	105[illegible]	986	1032	975	992	11437
12-14	MEAN	33.4	36.[illegible]	41.6	49.[illegible]	54.[illegible]	60.1	61.9	62.[illegible]	59.7	51.6	41.[illegible]	34.[illegible]	49.2
	S D	.222	7.376	6.477	6.31[illegible]	5.451	5.737	5.452	4.934	4.634	5.92[illegible]	[illegible].265	7.534	12.[illegible]72
	TOTAL OBS	89[illegible]	791	9[illegible]0	925	944	911	916	1025	960	1004	959	949	1.169
15-17	MEAN	33.7	37.[illegible]	42.[illegible]	49.[illegible]	55.2	60.3	62.2	62.2	59.1	52.3	42.[illegible]	34.9	49.[illegible]
	S D	7.987	7.[illegible]13	[illegible].326	[illegible].426	5.412	5.494	5.402	5.004	4.872	6.03[illegible]	6.257	7.389	11.992
	TOTAL OBS	[illegible]51	757	873	992	9[illegible]1	876	882	98[illegible]	918	969	9[illegible]5	904	10731
18-20	MEAN	33.2	36.4	4[illegible].[illegible]	48.[illegible]	54.4	60.[illegible]	61.9	61.3	58.[illegible]	50.6	40.[illegible]7	34.2	48.[illegible]
	S D	7.477	[illegible].695	[illegible].[illegible]0[illegible]	[illegible].411	5.329	[illegible].269	5.[illegible]03	4.872	4.971	[illegible].134	[illegible].457	7.323	12.[illegible]5[illegible]
	TOTAL OBS	63[illegible]	553	695	691	7[illegible]2	623	669	744	699	491	68[illegible]	692	8[illegible]67
21-23	MEAN	3[illegible].6		43.4				56.[illegible]		52.5		42.3	35.4	37.[illegible]
	S D	[illegible].900		[illegible].717								5.469	[illegible].934	7.95[illegible]
	TOTAL OBS	19		2[illegible]				1		2		7	21	7[illegible]
ALL HOURS	MEAN	32.2	35.2	39.6	47.1	53.2	58.7	60.6	60.4	56.6	49.6	40.[illegible]	33.7	47.6
	S D	[illegible].711	[illegible].[illegible]96	7.079	[illegible].[illegible]7[illegible]	5.762	5.849	5.590	5.185	5.710	[illegible].764	[illegible].645	7.942	12.236
	TOTAL OBS	4274	3735	4371	4495	4568	4316	4401	492[illegible]	4600	4749	4534	4545	53514

DATA PRESENTED IS
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AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

TEMPERATURES IN DEGREES FAHRENHEIT OBSERVATIONS

34068 SAN [illegible] PERIOD V/C, LE A AF 59-7[illegible]

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	2[illegible]					51,[illegible]							3[illegible]
	S D	1					1							2
	TOTAL OBS													
03-05	MEAN	2[illegible]	26,	31,1	41,7	46,2	51,3	53,5	54,[illegible]	51,2	43,7	3[illegible]	2[illegible]	42,1
	S D	1 [illegible]	[illegible]915	[illegible]319	[illegible]37	5,464	6,627	5,124	4,665	[illegible]60	5,824	7,103	1[illegible]881	12,455
	TOTAL OBS	91	82	74	11[illegible]	119	103	1,6	127	111	97	10[illegible]	6[illegible]	1221
06-08	MEAN	2[illegible]	3[illegible]1	33,	4[illegible]	46,[illegible]	52,[illegible]	55,[illegible]	55,1	5[illegible],7	44,3	3[illegible]	3[illegible]1	42,2
	S D	1 [illegible]109	9,56[illegible]	7,41[illegible]	[illegible],452	5,504	5,934	[illegible],156	4,31[illegible]	5,919	[illegible],87[illegible]	[illegible],782	[illegible],447	12,[illegible]52
	TOTAL OBS	[illegible]7[illegible]	75	[illegible]91	923	934	87[illegible]	89[illegible]	992	924	96[illegible]	[illegible]95	9[illegible]4	10[illegible]17
09-11	MEAN	2[illegible],[illegible]	3[illegible],9	34,4	41,[illegible]	47,5	53,1	55,2	56,[illegible]	52,2	45,7	37,2	3[illegible],4	43,[illegible]
	S D	[illegible],[illegible]44	9,[illegible]87	7,53[illegible]	[illegible],95[illegible]	5,994	[illegible],52[illegible]	5,737	[illegible],106	5,588	[illegible],55[illegible]	[illegible],444	[illegible],47[illegible]	12,[illegible]6[illegible]
	TOTAL OBS	914	[illegible]02	91[illegible]	945	96	927	936	[illegible]05	986	1032	975	992	11437
12-14	MEAN	29,[illegible]	32,[illegible]	35,1	41,[illegible]	47,1	52,[illegible]	54,5	55,5	52,4	47,[illegible]	3[illegible],2	31,[illegible]	43,4
	S D	[illegible],[illegible]39	[illegible],732	7,934	7,[illegible]41	6,914	6,759	6,18[illegible]	[illegible],786	6,[illegible]54	6,392	6,395	[illegible],071	11,405
	TOTAL OBS	[illegible]9[illegible]	791	9[illegible]	92[illegible]	944	911	916	102[illegible]	96[illegible]	1004	953	949	11156
15-17	MEAN	3[illegible],1	32,5	35,4	41,3	46,7	52,3	54,4	55,[illegible]	52,2	47,4	3[illegible],5	31,6	43,4
	S D	[illegible],903	[illegible],38[illegible]	7,599	7,166	6,673	6,63[illegible]	6,034	[illegible],93[illegible]	6,101	[illegible],53[illegible]	[illegible],397	7,867	11,364
	TOTAL OBS	851	757	873	892	911	876	882	987	918	965	915	904	10731
18-20	MEAN	3[illegible],3	32,6	35,2	41,6	47,2	53,6	55,5	55,7	53,4	47,6	3[illegible],[illegible]	31,6	43,[illegible]
	S D	[illegible],243	7,571	7,023	7,231	6,358	5,834	6,007	5,549	5,625	6,497	6,512	7,50[illegible]	11,494
	TOTAL OBS	630	553	69[illegible]	691	700	623	669	744	699	691	68[illegible]	692	8[illegible]67
21-23	MEAN	27,4		39,4				50,0		51,[illegible]		4[illegible],7	33,3	34,9
	S D	6,955		5,184								5,851	5,416	8,224
	TOTAL OBS	19		2[illegible]				1		2		7	21	7[illegible]
ALL HOURS	MEAN	29,1	31,4	34,5	41,2	47,[illegible]	52,8	54,9	55,4	52,1	46,3	37,7	30,9	43,1
	S D	9,401	[illegible],868	7,59[illegible]	6,949	6,253	6,405	5,825	5,439	5,957	6,699	6,559	8,23[illegible]	11,77[illegible]
	TOTAL OBS	4274	3735	4371	4495	4569	4316	4401	4926	4600	4749	4534	4545	53514

USAFETAC FORM [illegible] 0 89 S (OLD)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34068 SAN JOSE INTERNATIONAL/COLE AN AAP 59-70 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	97.7	91.6	71.9	34.6	84.8	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	62.0	38.9	13.4	74.0	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	93.2	74.6	58.0	43.3	27.0	8.6	65.7	4316
JUL		100.0	100.0	99.4	92.8	80.5	56.1	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	69.0	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	96.8	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/MAC

RELATIVE HUMIDITY

3406R SAARBRUEN GERMANY/COLEMAN AAF 60-70 AP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	92.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.	96.7	73.6	33.2	86.2	91
	06-08	100.0	100.0	100.0	100.0	99.9	99.8	95.8	80.4	38.8	86.9	873
	09-11	100.0	100.0	100.0	100.0	100.0	99.3	92.7	70.0	30.4	84.6	914
	12-14	100.0	100.0	100.0	100.0	99.7	95.1	80.7	51.6	18.7	79.9	992
	15-17	100.0	100.0	100.0	99.9	99.4	94.7	80.8	53.8	18.6	80.0	851
	18-20	100.0	100.0	100.0	100.0	100.0	98.3	91.3	67.0	24.3	83.5	830
	21-23	100.0	100.0	100.0	100.0	100.0	94.7	94.7	78.9	10.5	82.7	19
TOTALS		100.0	100.0	100.0	100.0	99.9	97.7	91.6	71.9	34.6	84.5	4274

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ MAC

RELATIVE HUMIDITY

34068 SAARLOUIS GERMANY/COLEMAN AAF 80-79 FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
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	82
	06-08	100.0	100.0	100.0	100.0	99.9	98.8	93.7	79.2	37.7	86.4	754
	09-11	100.0	100.0	100.0	99.9	99.1	96.4	85.7	63.1	23.1	82.1	807
	12-14	100.0	100.0	99.5	99.5	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	79.8	57.5	32.4	11.1	72.8	757
	18-20	100.0	100.0	100.0	99.8	96.4	89.8	75.0	51.6	16.6	78.8	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 PROCESSING STATION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3408[illegible] STATION SAN ANGELO TERRY/COLEMAN AAF STATION NAME 65-70 PERIOD [illegible] 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		
APR	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	91.9	62.4	41.9	86.7	74
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	91.8	68.7	27.7	84.3	491
	09-11	100.0	100.0	100.0	99.7	97.8	89.1	69.3	38.2	10.7	76.0	918
	12-14	100.0	100.0	99.9	94.9	82.2	61.0	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	878
	18-20	100.0	100.0	100.0	98.0	90.9	75.[illegible]	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.[illegible]	4371

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34068 STATION — SAARBRUECKEN GERMANY/COLEMAN AAF STATION NAME — 50-70 PERIOD — APR 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		
APR	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	90.8	62.2	27.7	84.0	119
	06-08	100.0	100.0	100.0	99.9	99.9	97.[illegible]	83.1	55.7	17.0	81.1	923
	09-11	100.0	100.0	99.9	98.6	90.6	72.9	48.1	22.9	5.5	69.4	945
	12-14	100.0	99.9	97.3	86.8	65.5	43.7	26.1	9.5	1.9	58.7	925
	15-17	100.0	99.8	95.3	79.0	57.5	38.7	22.1	7.2	1.1	55.7	892
	18-20	100.0	100.0	98.8	91.0	72.2	57.3	39.1	17.8	3.8	63.8	891
	21-23											
TOTALS		100.0	100.0	98.6	92.6	81.0	68.1	51.6	29.2	9.5	68.8	4495

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34068 STATION | SAARLOUIS GERMANY/COLEMAN AAF STATION NAME | 80-7? PERIOD | MAY 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	78.2	35.3	87.?	119
	06-08	100.0	100.0	100.0	100.0	99.9	96.7	84.3	47.9	14.3	80.?	934
	09-11	100.0	100.0	100.0	97.7	80.4	61.9	35.8	12.8	2.1	65.1	96?
	12-14	100.0	100.0	97.4	82.9	57.3	33.3	17.8	7.1	1.7	55.4	944
	15-17	100.0	100.0	92.0	73.5	49.9	28.?	16.1	7.2	1.5	52.7	911
	18-20	100.0	100.0	98.1	84.3	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/MAC

RELATIVE HUMIDITY

34069 STATION | SA[illegible]BERRY/COLEMAN AAF STATION NAME | 60-70 PERIOD | JUN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.[illegible]	98.1	76.7	29.1	86.3	1[illegible]3
	06-08	100.0	100.0	100.0	99.9	99.2	95.[illegible]	79.7	46.6	12.7	79.[illegible]	874
	09-11	100.0	100.0	99.8	96.7	81.6	54.2	28.5	12.6	3.1	63.2	927
	12-14	100.0	100.0	98.2	81.1	51.5	27.9	15.3	7.2	1.2	53.[illegible]	911
	15-17	100.0	100.0	95.7	73.7	47.7	26.6	14.0	7.2	2.2	52.2	876
	18-20	100.0	100.0	98.6	89.6	67.7	44.5	24.4	11.6	3.5	59.5	623
	21-23											
	TOTALS	100.0	100.0	98.7	90.2	74.6	58.[illegible]	43.3	27.0	8.6	65.7	4316

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34068 STATION | SEMBACH GERMANY/COLEMAN AAF STATION NAME | 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	1,0
	06-08	100.0	100.0	100.0	100.0	99.9	97.2	85.1	53.4	11.9	80.4	89
	09-11	100.0	100.0	99.9	98.0	86.4	58.3	28.6	10.0	2.5	63.8	934
	12-14	100.0	100.0	98.7	83.4	50.0	27.5	12.7	6.1	1.3	53.4	914
	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

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34068 SAARBRUEN GERMANY/COLLEGY AAF 59-70 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
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/MAC

RELATIVE HUMIDITY

34768 SAN DIEGO MCAS/NAS MIRAMAR AAF 59-70 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
SEP	00-02											
	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	88.7	61.6	31.8	8.6	73.4	924
	12-14	100.0	100.0	99.2	92.7	74.5	41.5	21.6	9.0	1.8	59.5	960
	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

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34068 STATION | SP[illegible] GERMANY/COLEMAN AAF STATION NAME | 59-70 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
OCT	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	89.7	61.9	91.3	97
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	99.0	87.2	54.8	90.5	986
	09-11	100.0	100.0	100.0	100.0	99.5	95.8	84.5	55.3	26.4	82.0	1332
	12-14	100.0	100.0	100.0	99.1	92.2	73.7	49.2	26.1	8.4	70.3	1004
	15-17	100.0	100.0	99.9	98.2	89.9	69.3	46.2	24.9	5.5	68.9	965
	18-20	100.0	100.0	100.0	100.0	99.9	94.5	78.4	47.6	17.8	79.3	691
	21-23											
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/ MAC

RELATIVE HUMIDITY

34068 STATION — SA [illegible] TERRA Y/COLE AF AAF STATION NAME — [illegible] 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		
NOV	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.	99.1	97.8	49.5	89.3	10[illegible]
	06-08	100.[illegible]	100.0	100.0	100.0	99.5	99.	96.0	79.3	40.7	87.3	89[illegible]
	09-11	100.[illegible]	100.0	100.0	100.0	100.0	98.2	91.5	66.7	26.6	84.2	97[illegible]
	12-14	100.0	100.0	100.0	100.0	98.1	90.9	74.6	42.7	15.3	77.7	953
	15-17	100.0	100.0	100.0	100.0	98.5	91.7	78.7	46.2	15.3	78.[illegible]	915
	18-20	100.0	100.0	100.0	100.0	100.0	97.8	89.4	64.3	21.5	82.9	680
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	42.9	89.1	7
TOTALS		100.0	100.0	100.0	100.0	99.5	96.8	89.9	70.0	30.5	84.1	4534

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ MAC

RELATIVE HUMIDITY

94068 STATION — SA [illegible] BERRADY/COLE FLD AAF STATION NAME — 59-73 PERIOD — DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
DEC	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.4	83.1	36.1	86.2	83
	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	85.0	992
	12-14	100.0	100.0	100.0	100.0	99.6	96.1	82.1	53.8	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	80.8	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	95.5	28.6	89.1	21
TOTALS		100.0	100.0	100.0	100.0	99.9	98.9	92.7	72.0	28.4	84.7	4545

USAFETAC FORM JUL 64 0-87-5 (OL 1)

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

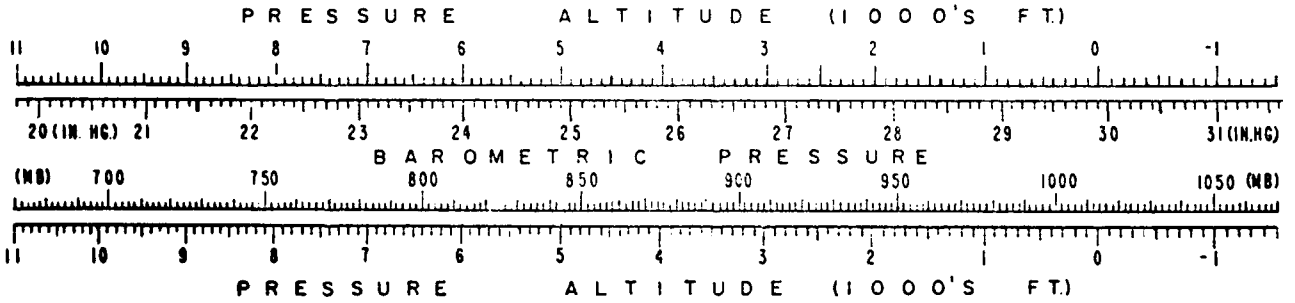
PART F PRESSURE SUMMARY

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.



F

DATA PROCESSING PROGRAM
USAF ETAC
21st WEATHER WING

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES OF MERCURY FROM HOURLY OBSERVATIONS

34705 SUMMERVILLE TERRELL Y/C, GEORGIA AAF 59-63,65-70

STATION NAME YEARS

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
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	29,585	29,604	29,654
	S D	,314	,332	,301	,235	,175	,161	,165	,151	,189	,257	,284	,339	,252
	TOTAL OBS	243	217	256	254	258	249	265	315	298	304	286	262	3225
1	MEAN	29,711	29,601	29,677	29,629	29,683	29,709	29,698	29,658	29,703	29,735	29,606	29,637	29,669
	S D	,318	,330	,302	,234	,174	,161	,164	,148	,190	,258	,292	,347	,254
	TOTAL OBS	247	230	261	255	260	251	270	314	303	313	297	303	3314
13	MEAN	29,686	29,583	29,659	29,611	29,654	29,690	29,686	29,643	29,684	29,725	29,590	29,622	29,653
	S D	,316	,327	,298	,235	,174	,161	,166	,144	,186	,251	,295	,348	,252
	TOTAL OBS	235	220	254	245	252	243	259	307	290	299	286	286	3172
16	MEAN	29,680	29,583	29,634	29,586	29,623	29,670	29,667	29,623	29,662	29,704	29,575	29,614	29,635
	S D	,302	,321	,291	,233	,174	,161	,160	,142	,182	,247	,295	,344	,249
	TOTAL OBS	235	219	248	245	252	243	259	307	290	299	286	284	3167
19	MEAN	29,660	29,585	29,661	29,595	29,621	29,673	29,675	29,631	29,661	29,742	29,596	29,631	29,649
	S D	,301	,297	,271	,239	,192	,149	,163	,140	,188	,240	,304	,330	,247
	TOTAL OBS	179	145	173	162	166	152	182	214	201	203	202	205	2134
22	MEAN									29,700				29,700
	S D													
	TOTAL OBS									1				1
ALL HOURS	MEAN	29,688	29,587	29,662	29,609	29,644	29,691	29,685	29,641	29,680	29,724	29,591	29,622	29,652
	S D	,304	,323	,294	,236	,177	,160	,164	,146	,187	,252	,294	,342	,251
	TOTAL OBS	1135	1031	1168	1161	1188	1136	1235	1461	1383	1418	1372	1360	15268

DATA PROCESSED BY ...

SAF ETAC

AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE (MB) OBSERVATIONS

34[illegible] [illegible] FEB [illegible] Y/C LEE AFB 66-67

STATION NAME

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN											1014.7		1014.7
	S D											9.468		9.468
	TOTAL OBS											18		18
07	MEAN	1021.9	1018.8	1018.8	1015.9	1014.5	1020.4	1018.9	1016.3	1016.8	1011.9	1014.4	1014.9	1016.7
	S D	8.377	10.739	9.584	8.198	6.854	4.348	4.862	5.281	5.770	7.577	10.50	11.891	8.38
	TOTAL OBS	29	28	31	30	31	30	51	54	50	38	43	42	457
10	MEAN	1021.2	1019.5	1019.7	1016.0	1014.5	1020.4	1017.0	1016.7	1017.5	1012.4	1015.1	1015.1	1017.1
	S D	8.521	10.706	9.001	8.225	6.691	4.143	4.718	4.932	5.709	7.409	10.53	11.53	8.172
	TOTAL OBS	29	28	31	30	31	30	56	54	55	48	51	53	497
13	MEAN	1020.6	1018.9	1019.3	1015.1	1013.7	1020.1	1016.4	1016.1	1016.5	1011.6	1017.3	1014.5	1016.4
	S D	8.301	10.742	8.657	7.964	6.744	4.104	4.787	4.771	5.647	7.394	10.47	11.647	8.162
	TOTAL OBS	29	28	31	30	31	30	56	54	55	48	51	53	497
16	MEAN	1020.6	1018.3	1018.2	1014.1	1012.7	1019.4	1015.7	1015.4	1015.7	1010.9	1014.6	1014.2	1015.7
	S D	8.194	9.949	8.571	7.737	6.866	4.309	4.625	4.783	5.678	7.382	10.56	11.819	8.137
	TOTAL OBS	29	28	31	30	31	30	56	54	55	48	51	53	497
19	MEAN	1020.9	1018.7	1018.5	1014.4	1012.3	1019.2	1015.6	1015.4	1015.6	1012.3	1017.1	1015.2	1016.1
	S D	8.255	9.670	8.792	7.546	7.104	4.181	4.355	5.053	6.032	7.222	10.62	12.364	8.163
	TOTAL OBS	29	28	31	30	31	30	51	54	50	42	47	48	469
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	1020.7	1018.9	1018.9	1015.1	1013.6	1019.9	1016.3	1016.0	1016.4	1011.9	1017.1	1014.8	1016.4
	S D	8.004	10.229	8.828	7.870	6.760	4.196	4.674	4.958	5.761	7.334	10.40	11.697	8.172
	TOTAL OBS	145	140	155	150	155	150	270	262	265	215	259	247	2432

END

DATE
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