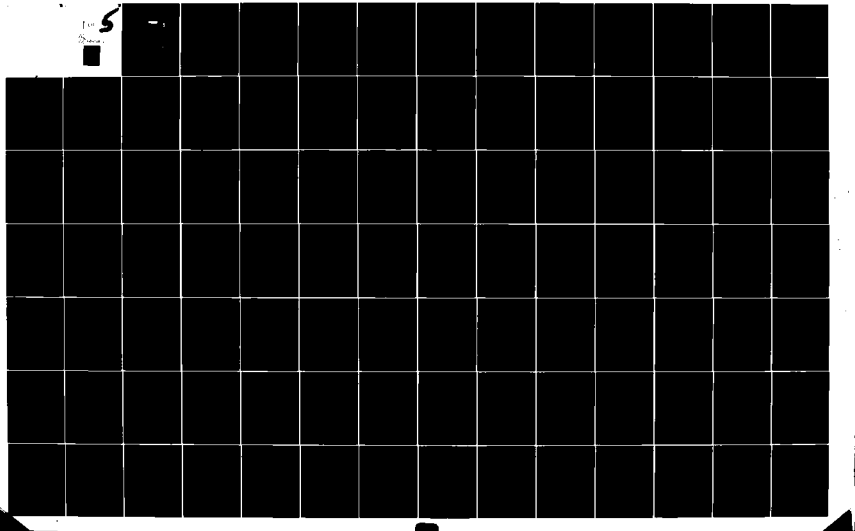
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MORON AB, MORON, SPAIN. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/087

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4686

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MORON AB SPAIN WBAN # 13024
N 37 11 W 005 36 ELEV 307 FT LEMO WMO # 08397

PARTS A-F
POR FROM HOURLY OBS JAN 58-DEC 70
POR FROM DAILY OBS JAN 58-DEC 70

MAY 1 2 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

AD A088961

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4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Moron AB, Moron, Spain	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
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16. DISTRIBUTION STATEMENT (of this Report)

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

18. SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for Moron AB, Moron, Spain
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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

* Spain ** Moron AB, Moron, Spain

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.

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

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13024	MORON AB SPAIN	N 37 11	W 005 36	307	LEMO	08397

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	Moron AB Spain	AB	Jan 58	Feb 58	N 37 10	W 005 34	296	341	8
2	No Change	AB	Mar 58	Jun 62	N 37 11	W 005 36	306	No Chge	24
3	No Change	AB	Jul 62	Feb 67	No Change	No Change	No Chge	272	24
4	No Change	AB	Mar 67	Mar 70	No Change	No Change	307	No Chge	24
5	No Change	AB	Apr 70	Dec 70	No Change	No Change	No Chge	No Chge	8 to 16

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	Jan-Feb58	Hand held on Catwalk of Control Tower.	ML-433PM	None	66 Ft	
2	Mar58 to Feb 60	Located on top of Control Tower Cab.	AN/GMQ-1	None	75 Ft	
3	Mar 60 to Feb 61	Located on Catwalk of Control Tower.	No Change	None	91 Ft	
4	Mar61 to 28Jan 62	Located on top of Control Tower.	No Change	ML-204B (Panel)	370 Ft	
5	29Jan62to Jun 62	Located near touchdown Point of Rnwy 21.	AN/GMQ-11	None	9 Ft	
6	Jul62 to Dec 70	Located 1000 ft down and 500 ft to left of touchdown point of Instrument Rnwy.	No Change	RO-2	12 Ft	

USAFETAC FORM APR 66 0-19 (OL A)

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	
6	Ma 9 to	1. No Change	No Chge	No Chge	No Chge	
	Se 70	2. No Change	No Chge		No Chge	
	Oc 70 to	1. No Change	No Chge	MO-362	22.5Ft	
	De 70	2. No Change	No Chge		13 Ft	

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ASHEVILLE, NORTH CAROLINA

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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — 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	.2	10.1				10.1	6.3	2.9			8.9	9097
FEB		.2	9.9				9.9	3.6	1.8			4.8	8288
MAR		.3	8.2				8.2	2.1	2.9			4.7	9522
APR		.4	4.6				4.6	1.2	2.1			3.1	9001
MAY		.3	3.7				3.7	.6	1.6			2.1	9165
JUN		.4	1.8				1.8	.5	1.6			1.9	8842
JUL		.1	.3				.3	.2	1.6			1.7	9105
AUG		.1	.4				.4	.2	.6			.7	9112
SEP		.4	1.8				1.8	.4	1.3			1.5	8814
OCT		.4	5.7				5.7	1.4	.8			2.0	9117
NOV		.3	9.5			.0	9.5	3.5	1.6			4.6	8789
DEC		.4	9.6		.0		9.6	6.3	1.9			7.9	9106
TOTALS		.3	5.5		.0	.0	5.5	2.2	1.7			3.7	107958

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 MOPU' AB SPAIN 58-70 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.2	10.2				10.2	8.2	3.4			11.3	1116
	03-05	.3	10.8				10.8	10.8	3.5			13.9	1116
	06-08	.2	9.1				9.1	11.7	4.0			15.2	1138
	09-11	.2	9.4				9.4	8.1	4.7			12.3	1179
	12-14	.1	10.2				10.2	2.5	2.5			5.0	1179
	15-17	.0	10.4				10.4	1.5	.8			2.3	1137
	18-20	.1	10.2				10.2	3.3	1.4			4.7	1116
	21-23	.1	10.5				10.5	3.9	2.9			6.7	1116
TOTALS		.2	10.1				10.1	6.3	2.9			8.9	9097

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

13024 (STATION) MORON AN SPAIN (STATION NAME) 58-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	8.8				8.8	3.8	2.7			5.4	1014
	03-05		9.4				9.4	6.5	2.6			8.2	1016
	06-08	.3	10.6				10.6	8.2	3.2			9.9	1038
	09-11	.1	10.2				10.2	3.8	2.4			5.7	1078
	12-14	.3	10.8				10.8	1.9	1.0			2.7	1080
	15-17	.2	10.7				10.7	1.1	.4			1.5	1034
	18-20	.1	9.7				9.7	1.1	.8			1.7	1014
	21-23	.2	9.0				9.0	2.0	1.5			3.2	1014
TOTALS		.2	9.9				9.9	3.6	1.8			4.8	8288

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-72 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		8.3				8.3	1.4	3.7			4.9	1197
	03-05	.3	8.2				8.2	4.3	5.4			9.4	1197
	06-08	.2	7.3				7.3	7.1	5.3			11.6	1197
	09-11	.1	6.3				6.3	2.7	4.0			6.3	1197
	12-14	.1	9.2				9.2	.4	1.0			1.4	1197
	15-17	.0	10.1				10.1	.1	.6			.7	1183
	18-20	.3	8.4				8.4	.4	1.1			1.5	1178
	21-23	.2	8.0				8.0	.3	1.7			2.0	1176
TOTALS		.3	8.2				8.2	2.1	2.9			4.7	9522

2 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 STATION | [illegible] AB SPAIN STATION NAME | 58-70 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02	.3	5.2				5.2	1.1	1.9			3.0	1146
	03-05	.1	5.1				5.1	2.2	2.9			4.8	1146
	06-08	.1	4.1				4.1	3.6	6.3			8.5	1149
	09-11	.2	4.3				4.3	.9	2.3			3.0	1149
	12-14	.2	4.7				4.7	.2	1.0			1.2	1148
	15-17	.9	5.9				5.9	.5	.5			1.1	1103
	18-20	1.0	4.8				4.8	.3	.3			.6	1080
	21-23	.3	2.7				2.7	.6	1.9			2.4	1080
TOTALS		.4	4.6				4.6	1.2	2.1			3.1	9001

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

13024 — MORON AB SPAIN — 58-70 — 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 PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	.2	3.2				3.2	.8	1.8			2.6	1140
	03-05	.4	3.9				3.9	2.0	3.9			5.5	1140
	06-08		3.4				3.4	1.8	3.2			4.7	1165
	09-11	.4	3.5				3.5	.1	1.0			1.1	1176
	12-14	.7	4.0				4.0	.1	.1			.2	1176
	15-17	1.2	4.2				4.2		.2			.2	1137
	18-20	.6	3.5				3.5		.5			.5	1116
	21-23	.2	3.5				3.5	.1	1.9			2.0	1115
TOTALS		.3	3.7				3.7	.6	1.6			2.1	9169

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

WEATHER CONDITIONS

13C24 STATION | [illegible] AB SPAIN STATION NAME | 58-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.5	1.0				1.0	.1	1.9			1.9	1060
	03-05	.3	1.0				1.0	1.0	4.0			4.6	1080
	06-08	.4	1.8				1.8	2.0	4.4			5.8	1124
	09-11	.2	3.1				3.1	.2	1.1			1.3	1146
	12-14	.3	3.0				3.0	.2	.2			.3	1147
	15-17	.4	2.0				2.0						1105
	18-20	.8	1.6				1.6	.2				.2	1080
	21-23	.6	.6				.6		.9			.9	1080
TOTALS		.4	1.8				1.8	.5	1.6			1.9	8842

1

2 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 (STATION) MORÓN AB SPAIN (STATION NAME) 58-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.3	.4				.4	.1	1.7			1.7	1116
	03-05	.3	.4				.4	.4	4.8			4.9	1116
	06-08		.2				.2	1.0	4.3			4.7	1138
	09-11		.2				.2	.1	1.2			1.3	1182
	12-14												1182
	15-17	.1	.3				.3						1139
	18-20	.2	.3				.3						1116
	21-23	.1	.2				.2		.9			.9	1116
TOTALS		.1	.3				.3	.2	1.6			1.7	9105

2

ATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

13024 (STATION) — [illegible] AB SPAIN (STATION NAME) — 58-70 (YEARS) — AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		.4				.4		.5			.5	1118
	03-05		.3				.3	.2	1.3			1.5	1116
	06-08		.8				.8	1.1	1.8			2.7	1140
	09-11		.5				.5		.8			.8	1183
	12-14	.2	.2				.2						1180
	15-17	.1	.3				.3						1142
	18-20	.3	.4				.4		.1			.1	1117
	21-23		.1				.1		.3			.3	1116
TOTALS		.1	.4				.4	.2	.6			.7	9112

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2

WEATHER CONDITIONS

13024 TORO AB SPAIN 58-70 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND /OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	2.0				2.0	.2	1.5			1.6	1080
	03-05	.4	2.2				2.2	1.0	4.1			4.3	1080
	06-08		2.6				2.6	1.8	3.4			4.3	1101
	09-11		2.0				2.0	.3	1.0			1.1	1143
	12-14	.6	1.4				1.4	.1	.2			.3	1143
	15-17	.8	1.4				1.4						1105
	18-20	.6	1.8				1.8						1082
	21-23	.2	1.3				1.3		.4			.4	1080
TOTALS		.4	1.8				1.8	.4	1.3			1.5	8814

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

13024 (STATION) MORU AB SPAIN (STATION NAME) 58-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	4.2				4.2	1.1	.9			1.7	1117
	03-05	.1	4.9				4.9	3.0	1.9			4.5	1117
	06-08	.2	4.9				4.9	4.0	.9			4.7	1138
	09-11	.2	4.8				4.8	1.3	.5			1.8	1184
	12-14	.7	5.7				5.7	.1				.1	1182
	15-17	1.0	8.7				8.7	.3	.2			.4	1146
	18-20	.8	6.5				6.5	.4	.7			1.2	1117
	21-23	.3	6.0				6.0	.8	1.0			1.5	1116
TOTALS		.4	5.7				5.7	1.4	.8			2.0	9117

DATA PROCESSING DIVISION
2 SAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 MORON AB SPAIN 58-70 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.2	8.7				8.7	3.7	1.9			4.6	1076
	03-05	.3	7.9				7.9	6.2	2.4			7.8	1077
	06-08		8.0				8.0	8.0	3.1			10.7	1101
	09-11		8.3				8.3	4.7	1.7			6.2	1138
	12-14	.7	10.3				10.3	1.1	.5			1.6	1136
	15-17		11.1				11.1	.6	.5			1.2	1101
	18-20	.5	11.9			.1	11.9	.9	1.4			1.9	1080
	21-23	.7	9.4				9.4	2.0	1.0			2.7	1080
TOTALS		.3	9.5			.0	9.5	3.5	1.6			4.6	8789

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13024 (STATION) — [illegible] AB SPAIN (STATION NAME) — 58-70 (YEARS) — DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.5	9.9				9.9	7.[illegible]	2.2			9.5	1116
	03-05	.3	9.5				9.5	10.3	2.3			12.5	1116
	06-08	.2	10.1				10.1	12.1	2.2			13.6	1139
	09-11	.4	9.6				9.6	7.9	2.5			9.7	1183
	12-14	.7	10.2				10.2	2.2	1.3			3.4	1177
	15-17	.4	9.7		.1		9.7	2.5	1.2			3.3	1142
	18-20	.2	9.8				9.8	2.6	2.3			4.7	1117
	21-23	.3	8.1				8.1	5.1	1.4			6.4	1116
TOTALS		.4	9.6		.0		9.6	6.3	1.9			7.9	9106

PART A ATMOSPHERIC PHENOMENA

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

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

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

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

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

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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXWEATHER CONDITIONSXX
ATMOSPHERIC PHENOMENA

13024	[illegible] AB SPAIN	58-70	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	3.0	38.7			.3	38.7	29.6	19.1			34.9	372
FEB		5.3	40.7			1.2	40.7	20.9	12.4			24.5	339
MAR		5.1	39.5			.3	39.5	15.8	17.3			23.5	392
APR		7.5	30.6			.6	30.6	11.1	14.2			20.3	360
MAY		6.7	22.0			.3	22.0	6.5	12.1			14.0	372
JUN		3.1	13.9				13.9	4.2	11.1			12.2	360
JUL		1.1	2.7				2.7	2.4	10.8			10.8	372
AUG		.8	5.1				5.1	1.9	3.8			4.8	372
SEP		3.1	19.7			.3	19.7	4.4	8.6			9.7	360
OCT		6.2	32.0			.3	32.0	10.8	7.0			13.4	372
NOV		4.5	40.7			.3	40.7	22.3	11.6			26.0	354
DEC		5.6	38.7		.3	.5	38.7	30.4	18.8			34.9	372
TOTALS		4.9	27.0		.0	.3	27.0	13.4	12.2			19.1	4397

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ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

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

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

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

2

[illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible]

(FROM DAILY OBSERVATIONS)

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

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	PERCENT OF DAYS WITH MEASU'D. ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES) 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	[illegible]	[illegible]	[illegible]	.[illegible]	3.[illegible]	7.3	[illegible].7	.[illegible]	[illegible]	.4				[illegible]	[illegible]	[illegible]	.2[illegible]	.[illegible]
FEB	[illegible]	.	2.[illegible]	.7	1.[illegible]	9.4	[illegible]	[illegible]	[illegible]					[illegible]	33[illegible]	3.27	[illegible]	[illegible]
MAR	[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	7.3	[illegible]	[illegible]	1.5					[illegible]	341	2.44	[illegible]	.[illegible]
APR	[illegible]	[illegible]	1.7	[illegible]	[illegible].1	[illegible].3	.4	2.[illegible]	1.4					[illegible]	[illegible]	1.73	[illegible].4	.33
MAY	77.7	[illegible]	[illegible]	.[illegible]	[illegible]	.7	[illegible]	[illegible]	.[illegible]					[illegible]	[illegible]	1.[illegible]	[illegible].73	[illegible]
JUN	[illegible]	.7	1.[illegible]	[illegible]	1.1	1.[illegible]	[illegible]	.9	.[illegible]					.[illegible]	[illegible]	.[illegible]	[illegible]	[illegible]
JUL	[illegible]	[illegible]	.[illegible]	[illegible]				.[illegible]						[illegible]	[illegible]	.[illegible]	.6[illegible]	.[illegible]
AUG	[illegible]	[illegible]		.[illegible]	.[illegible]	.[illegible]								[illegible]	[illegible]41	.[illegible]	.[illegible]	.[illegible]
SEP	7[illegible]	1[illegible]	.[illegible]	[illegible]	1.4	[illegible].2	1.1	1.1	.[illegible]					[illegible].7	36[illegible]	.6[illegible]	[illegible]	[illegible]
OCT	6[illegible]	.	.[illegible]	[illegible]	4.1	6.[illegible]	4.7	[illegible].8	2.3					[illegible]	341	3.06	[illegible].19	.17
NOV	57.[illegible]	7.[illegible]	2.[illegible]	[illegible]	5.[illegible]	7.[illegible]	[illegible].7	[illegible].7	[illegible]					[illegible]	30[illegible]	3.88	[illegible].74	1.56
DEC	6[illegible]	[illegible]	1.[illegible]	[illegible]	4.3	[illegible].6	[illegible]	6.2	1.6		.3			3[illegible].4	372	3.61	[illegible].64	.37
ANNUAL	7[illegible].7	7.[illegible]	1.[illegible]	[illegible]	[illegible].5	4.5	4.1	3.[illegible]	1.3	.0	.0			[illegible]	4230	24.63	X	X

2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ 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																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC	99.7	.3															TRACE	TRACE
ANNUAL	100.0	.0														4952	.0	

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | 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																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

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

EXTREME VALUES

STATION NAME

YEARS

MONTH / YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
				1.15	.42	.02	.03	.16	TRACE	.3	1.22	1.6	
	.61	.73	.45	.35	2.03	TRACE	TRACE	TRACE	.04	.09	.09	.53	2.03
	.13	.06	.09	1.89	1.90	.27	TRACE	TRACE	.17	.13	.54	.32	2.13
	.61	.42	.59	.58	1.81	.05	.12	.00	.51	.23	1.04	1.33	1.81
	.37	.71	1.27	.83	.75	.02	.10	TRACE	.06	.3	.75	5.16	5.16
	.7	.12	.57	1.23	.61	1.05	.00	.00	.56	.63	1.07	1.05	1.07
	.04	1.99	2.19	.52	1.31	.12	.12	.00	.20	.19	.04	.72	2.
	.3	1.3	1.21	.25	TRACE	.60	.00		1.15	1.41	.24	.1	
	.04	1.08	.33	.91	.28	.33	TRACE	.05	.21	1.64		.17	
	.7	.71	.67	.48	.43	.46	.3	TRACE	.01			.93	
	.20	.7	.46	1.32	.31	.30	TRACE	.16	.07	.73	1.08	1.13	1.
	.22	1.3	1.25	.64	.64	.71	TRACE	.04	.92	1.67	1.30	.76	1.67
	.05	.21											
MEAN	.34	.30	.88	.80	.79	.38	.06	.04	.35	1.18	1.22	1.16	2.3
S.D	.714	.560	.559	.386	.596	.324	.177	.063	.368	.701	.451	1.322	1.174
TOTAL OBS.	372	339	341	360	372	360	372	341	360	341	300	372	4236

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

2

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
			1.2										
											1.6		
										1.32	.78		
			.62	.44	.23	.31	.1	.01	.01	.52	.48	.57	
			27	24	21	21	22	21	22	22	14	21	
MEAN													
S D													
TOTAL OBS													

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

EXTREME VALUES

ALL
FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
				.0	.0	.0	.0	.0	.0	.0	.0	.0	
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0											
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	372	339	341	360	372	360	372	372	360	372	360	372	4332

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

EXTREME VALUES

STATION

STATION NAME

YEARS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
			29	23	?	28	22	24	24	22	21	23	
MEAN													
S D													
TOTAL OBS													

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

EXTREME VALUES

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
				0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0											
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	372	339	341	360	372	360	372	372	360	372	360	372	4352

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

DAILY [illegible]
(BASED ON LESS THAN FULL MONTHS)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
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.

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
MEAN	36.6	37.0	34.1	30.4	30.0	28.9	26.9	27.6	28.6	32.0	30.0	33.4	48.5
S.D.	12.500	6.502	6.577	4.825	4.761	3.716	2.035	4.240	5.593	3.380	9.724	8.262	5.193
TOTAL OBS.	246	226	243	205	214	209	215	244	205	241	237	246	2731

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

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

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

AIR PROJECTS DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024	[illegible] AL SPAIN	58-70	ALL
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	.9	1.2	.5	.1	.0	.0						2.8	5.1
NNE	1.[illegible]	1.5	.9	.2	.0	.0						3.7	5.6
NE	.4	1.9	1.8	.7	.1	.0						5.5	7.2
ENE	.7	1.3	1.4	.6	.1	.0						4.5	7.1
E	1.1	1.4	1.1	.5	.1	.0						4.1	5.5
ESE	1.5	.9	.5	.3	.1	.0	.0	.0				3.3	5.5
SE	1.2	.7	.4	.1	.0	.0	.0					2.4	4.9
SSE	.8	.7	.3	.1	.0	.0						1.9	5.1
S	1.5	3.7	2.7	1.3	.3	.1	.0	.0	.0			9.6	7.4
SSW	1.1	3.1	3.2	1.8	.4	.1	.0	.0				9.5	8.4
SW	.8	2.5	3.5	2.7	.6	.2	.1	.0	.0			10.4	9.4
WSW	.7	2.1	3.4	2.9	.5	.1	.0	.0	.0			9.6	9.6
W	.8	2.1	2.5	1.6	.2	.1	.0	.0	.0			7.3	8.4
WNW	.4	.9	.6	.2	.0	.0	.0	.0				2.1	6.1
NW	.4	.6	.3	.1	.0	.0						1.5	5.6
NNW	.4	.6	.3	.1	.0	.0						1.3	5.2
VARBL	1.5	1.1	.1	.0	.0							2.7	3.7
CALM												18.5	
	15.6	26.4	23.5	13.2	2.5	.6	.2	.0	.0			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 107956

2

SURFACE WINDS

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

13024 (STATION) ... AB SPAIN (STATION NAME) 56-70 (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	1.1	1.6	.5	.2								3.4	4.9
NNE	1.4	2.5	1.4	.3	.0							5.6	5.6
NE	1.3	3.2	2.5	.9	.0							7.8	6.6
ENE	1.1	2.0	2.1	.7	.1	.0						5.9	6.9
E	1.5	2.4	1.3	.7	.1	.0						6.0	6.2
ESE	1.9	1.5	.6	.3	.0	.0	.0					4.3	5.2
SE	1.3	1.0	.4	.1	.0							2.8	4.7
SSE	.7	.6	.3	.1	.0							1.7	5.3
S	1.1	2.2	2.4	2.1	.7	.2	.1					9.4	9.0
SSW	.6	2.2	2.8	2.3	.7	.3	.1					8.9	9.9
SW	.5	1.6	2.2	2.2	.9	.3	.1	.0				7.7	10.7
WSW	.3	1.1	1.7	1.8	.5	.1	.0					5.6	10.4
W	.6	1.2	1.3	1.0	.2	.0	.0					4.4	8.5
WNW	.5	.5	.3	.2	.1	.0						1.8	7.0
NW	.4	.5	.2	.0	.0							1.0	5.1
NNW	.4	.4	.1	.0								.9	4.7
VARBL	.9	.3										1.2	2.9
CALM												21.7	
	15.5	29.1	20.1	12.8	3.4	1.0	.3	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 9097

ATA PROCESSI[illegible]
STAG/USAF
AIR WEATHER SERVICE/ AC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] SPAIN	58-70	FEB

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.3	.5	.1	.0							2.9	4.8
NNE	1.4	1.7	1.2	.2	.0							4.5	5.4
NE	1.4	2.7	3.1	1.3	.2	.1						8.8	7.5
ENE	.5	1.8	1.7	.7	.1	.1						5.1	7.1
E	1.2	1.[illegible]	1.2	.5	.1							4.7	5.3
ESE	1.0	1.2	.3	.3	.0							3.4	4.6
SE	1.0	.7	.3	.1	.0							2.7	4.[illegible]
SSE	.7	.7	.5	.1	.0	.0						2.0	5.4
S	1.2	3.3	3.2	2.[illegible]	.6	.3	.1	.0				10.[illegible]	8.8
SSW	.7	2.3	2.7	2.9	.9	.4	.1	.0				9.9	10.5
SW	.7	1.7	2.8	2.3	.9	.7	.2					9.3	11.1
WSW	.4	1.5	2.3	1.5	.5	.3	.0					6.8	10.0
W	.5	1.3	1.7	.7	.0	.0	.0					4.2	7.8
WNW	.3	.6	.2	.2	.0							1.3	6.5
NW	.4	.3	.1	.1								.9	5.1
NNW	.3	.4	.2	.0	.0							1.0	5.2
VARBL	1.2	.5										1.7	3.0
CALM												20.1	
	15.5	23.7	22.1	13.1	3.4	1.7	.4	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 8288

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
58-70 — 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	.7	1.1	.4	.1	.0							2.3	5.0
NNE	1.2	1.5	.8	.2	.0							3.7	5.2
NE	.9	1.8	2.0	1.1	.1							5.8	7.5
ENE	.7	1.4	1.7	1.1	.2							5.1	8.2
E	1.3	1.4	1.3	1.1	.1	.0						4.9	7.6
ESE	1.1	1.1	.6	.5	.1	.1	.1	.0				3.7	7.4
SE	1.1	.8	.3	.2	.0	.0						2.4	5.3
SSE	.6	.7	.3	.1	.0							1.8	5.2
S	1.4	3.7	2.3	1.3	.5	.1	.0					9.4	7.6
SSW	.9	3.0	2.7	1.8	.4	.1						9.0	8.4
SW	.7	2.5	4.1	3.0	1.0	.3	.0					11.5	10.1
WSW	.6	2.2	2.9	2.5	.7	.2	.0					9.1	9.8
W	.7	2.0	2.1	1.4	.2	.1						6.5	8.4
WNW	.4	1.0	.6	.3	.0	.0						2.3	6.6
NW	.4	.7	.5	.1								1.7	6.0
NNW	.4	.5	.4	.1								1.4	5.6
VARBL	1.4	1.0										2.4	3.4
CALM												16.8	
	14.4	26.4	23.0	14.9	3.4	.8	.2	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 9520

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — MORON AB SPAIN — 58-70 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

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	.7	1.1	.7	.2	.0	.0						2.7	5.8
NNE	.8	1.3	1.1	.4	.0							3.7	6.5
NE	.9	2.0	2.2	.9	.5	.1						6.6	8.2
ENE	.6	1.3	1.4	.6	.1							4.0	7.1
E	1.0	1.1	.8	.4								3.3	5.8
ESE	1.3	.7	.3	.2								2.5	4.5
SE	1.3	.6	.2	.1	.0							2.1	4.2
SSE	.8	.7	.3	.1	.0							1.9	4.5
S	1.9	4.7	2.8	1.1	.2	.0						10.7	6.5
SSW	1.6	4.0	3.3	1.4	.5	.1						10.8	7.5
SW	1.3	3.3	3.4	2.6	.6	.2						11.3	8.7
WSW	.8	2.2	3.2	3.0	.6	.1	.0					9.9	9.5
W	.8	2.1	2.2	1.4	.3	.0						6.9	8.3
WNW	.5	1.0	.6	.2	.0							2.4	6.3
NW	.4	.6	.5	.2								1.6	6.3
NNW	.4	.5	.3	.1								1.3	5.5
VARBL	1.3	1.0										2.3	3.4
CALM												15.9	
	16.4	28.2	23.3	12.8	2.9	.5	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 9001

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

2

SURFACE WINDS

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

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.5	.1								2.4	5.1
NNE	.6	1.5	.8	.1	.0							3.3	5.5
NE	.6	1.6	1.5	.6	.1	.0						4.4	7.3
ENE	.4	1.0	1.0	.4	.1	.0						2.9	7.3
E	.9	1.1	1.2	.4	.1	.0						3.7	6.9
ESE	1.2	.6	.4	.3	.1	.0	.0					2.7	5.6
SE	1.1	.8	.4	.2	.0							2.5	4.9
SSE	.7	.8	.2	.1								1.7	4.6
S	1.4	3.9	2.5	1.1	.1	.1	.0					9.2	7.0
SSW	1.6	3.9	3.3	1.7	.2	.1	.0					10.9	7.4
SW	1.1	2.9	4.3	3.6	.7	.1	.0					12.7	9.3
WSW	.9	2.4	4.3	3.2	.5	.1	.0					11.3	9.2
W	.6	2.4	2.6	1.7	.3							7.8	8.2
WNW	.4	1.1	.8	.1								2.4	6.1
NW	.5	.6	.6	.1		.0						1.8	6.1
NNW	.3	.5	.4	.1								1.3	5.7
VARBL	1.9	1.3										3.7	3.3
CALM												15.9	
	15.6	27.4	24.8	13.7	2.1	.4	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 9165

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
NORON AB SPAIN — STATION NAME
58-70 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.0	.5	.1								2.2	5.4
NNE	.0	1.0	.5	.1								2.2	5.4
NE	.4	1.2	1.1	.3	.1							3.1	7.1
ENE	.4	1.1	.8	.4								2.7	6.8
E	.6	1.0	.9	.4	.1	.0						3.0	7.1
ESE	.7	.5	.4	.4	.1							2.3	6.6
SE	.6	.5	.4	.2	.0							1.9	5.4
SSE	.6	.7	.2	.1								1.5	4.4
S	2.0	4.0	2.4	.7	.1	.0						9.1	6.0
SSW	1.6	3.9	3.7	1.6	.4	.0						11.2	7.5
SW	1.1	3.2	4.5	3.1	.6	.1						12.6	8.9
WSW	.9	2.8	4.8	3.9	.9	.1						13.4	9.6
W	.8	2.3	3.6	2.6	.4	.0						9.7	9.0
WNW	.5	1.0	.9	.2								2.6	6.2
NW	.4	.6	.3	.1	.0							1.4	5.6
NNW	.4	.5	.4	.0								1.2	5.5
VARBL	2.2	1.6	.1									3.9	3.4
CALM												15.8	
	14.9	26.9	25.5	14.1	2.6	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 8842

DATA PROCESSING DIVISION
USATAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — 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	.7	1.2	.5	.1	.0							2.5	5.1
NNE	.6	1.0	.5	.2								2.2	5.7
NE	.6	1.0	.7	.1	.0							2.5	6.0
ENE	.4	.7	.6	.1	.0							1.9	6.4
E	.6	.9	.6	.3								2.4	6.0
ESE	1.6	.6	.4	.2	.0							2.9	4.7
SE	.9	.8	.4	.2	.0		.0					2.3	5.4
SSE	.6	.8	.3	.1								1.8	4.8
S	1.4	4.0	2.7	.5	.0							8.7	6.1
SSW	.9	3.9	3.8	1.3	.1							9.9	7.3
SW	.9	3.5	5.3	3.1	.4							13.3	8.6
WSW	.6	2.7	6.3	4.0	.4	.0						14.0	9.3
W	.7	3.1	4.5	2.8	.3	.0						11.5	8.6
WNW	.5	1.1	.8	.2	.0							2.6	6.1
NW	.5	.7	.4	.1								1.7	5.3
NNW	.4	.7	.3	.1		.0						1.5	5.3
VARBL	2.4	2.2	.2									4.8	3.7
CALM												13.8	
	14.4	28.8	28.3	13.4	1.3	.0	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 9105

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (illegible) AB SPAIN 58-70 ALL

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.4	.1								2.5	4.8
NNE	.8	.8	.6	.0	.0							2.2	5.2
NE	.8	1.0	.7	.2	.0							2.7	5.9
ENE	.5	.7	.7	.2	.0							2.1	6.4
E	.9	.9	.9	.5	.2	.0						3.4	7.5
ESE	1.5	.9	.7	.5	.1							3.6	6.1
SE	.9	.5	.4	.1	.0							2.1	5.1
SSE	.7	.6	.2	.0								1.5	4.1
S	1.2	3.6	2.8	.8								8.4	6.5
SSW	1.0	4.0	4.2	1.6	.1							10.9	7.4
SW	.8	3.0	4.5	3.1	.3	.0						11.7	8.7
WSW	.8	2.5	4.4	4.3	.6	.0						12.6	9.6
W	.9	3.1	4.4	2.1	.3	.0						10.8	8.3
WNW	.5	1.4	.8	.2								2.8	6.0
NW	.3	1.1	.3	.1								1.8	5.3
NNW	.4	.9	.4	.0								1.7	5.2
VARBL	1.7	1.7	.3	.1								3.8	4.1
CALM												15.2	
	14.5	28.2	26.5	14.0	1.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 9112

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — 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	.6	1.0	.4	.1								2.1	4.9
NNE	1.[illegible]	.8	.4	.1								2.1	4.8
NE	.8	1.1	.6	.2								2.8	5.6
ENE	.6	.8	.9	.4	.0							2.7	6.5
E	1.0	1.3	1.0	.4	.1	.0						3.8	6.5
ESE	1.7	.8	.5	.3	.1							3.4	5.3
SE	1.3	.7	.5	.1								2.7	4.6
SSE	.7	.7	.2	.0								1.6	4.7
S	1.5	3.9	2.8	.7	.1	.0						9.0	6.4
SSW	1.2	3.5	4.6	1.6	.1	.0						11.0	7.6
SW	.9	2.5	4.0	3.0	.5	.0						10.9	9.1
WSW	.7	2.5	3.8	4.5	.5	.0						12.0	9.7
W	1.1	3.3	3.3	2.0	.2	.1						10.1	8.1
WNW	.6	1.1	.7	.2	.0							2.6	6.0
NW	.4	.7	.4	.1	.0							1.7	5.9
NNW	.5	.6	.2	.0								1.2	4.5
VARBL	1.4	1.7	.3	.0								3.9	4.1
CALM												15.8	
	16.1	27.1	24.5	13.8	1.6	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 8814

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) MURON AB SPAIN (STATION NAME) 58-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	.6	.2	.0							2.9	5.1
NNE	1.1	1.1	.9	.2		.0						3.2	5.6
NE	1.2	1.6	1.5	.5	.1	.0						5.0	6.6
ENE	.9	1.5	1.3	.8	.1							4.7	7.1
E	1.1	1.8	1.4	.8	.0							5.1	6.7
ESE	1.8	1.1	.8	.4	.1	.0						4.3	5.8
SE	1.1	.8	.5	.3	.1							2.7	5.6
SSE	.8	.8	.5	.1	.0							2.3	5.3
S	1.3	3.7	3.0	1.6	.4	.2	.0					10.1	7.9
SSW	.9	2.8	2.4	1.2	.5	.1						7.9	8.2
SW	.6	2.1	2.2	1.8	.5	.2						7.4	9.2
WSW	.7	2.1	2.5	1.9	.4	.1						7.7	8.8
W	.8	2.4	1.9	.9	.3	.1	.0					6.3	7.6
WNW	.4	.7	.5	.1	.0	.0						1.7	6.1
NW	.5	.7	.3	.1	.0							1.6	5.6
NNW	.4	.8	.2	.1								1.5	5.1
VARBL	1.6	.9	.4	.2	.0							3.0	4.6
CALM												22.4	
	16.4	26.0	20.8	11.1	2.7	.6	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 9117

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

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — 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	1.0	1.5	.6	.1								3.2	5.0
NNE	1.3	1.8	1.5	.3								4.9	5.7
NE	1.0	2.7	2.4	1.0	.0							7.1	6.8
ENE	1.0	1.5	2.3	1.0	.0	.0						5.8	7.3
E	1.3	1.7	1.3	.5	.0							4.9	6.0
ESE	1.4	1.3	.4	.1	.0							3.3	4.5
SE	1.4	.9	.4	.1	.0							2.9	4.6
SSE	1.0	.9	.5	.3	.1	.0						2.8	6.0
S	1.8	3.5	3.5	2.2	.8	.3	.0					12.1	8.5
SSW	1.2	2.3	2.9	2.0	.5	.3	.1					9.7	9.2
SW	.8	2.5	2.4	1.8	.3	.2	.1	.0				8.2	9.0
WSW	.7	1.5	2.2	1.3	.3	.1	.0	.0	.0			6.1	9.0
W	.6	1.4	1.2	.6	.2	.0						4.2	7.3
WNW	.4	.6	.3	.1	.0							1.5	5.9
NW	.4	.6	.2	.0	.0							1.2	5.0
NNW	.3	.5	.1	.0								1.0	4.8
VARBL	.8	.4	.1	.1								1.3	3.9
CALM												20.4	
	16.8	25.5	22.2	11.5	2.3	.9	.3	.0	.0			100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 8789

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — 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	1.3	1.8	.7	.2								4.0	5.1
NNE	1.7	2.8	1.2	.5	.0							6.1	5.5
NE	1.6	2.9	3.3	1.3	.1	.0						9.3	7.1
ENE	1.2	1.8	1.8	.8	.1							5.6	6.8
E	1.5	1.2	1.0	.3	.0							4.1	5.4
ESE	1.4	.9	.4	.2	.0	.0						2.9	4.6
SE	1.4	.6	.2	.1	.1	.0						2.4	4.6
SSE	.9	.7	.4	.1	.0							2.0	4.7
S	1.2	2.8	2.4	1.4	.3	.1	.0	.0	.0			8.2	7.9
SSW	.7	1.9	2.6	1.8	.6	.4	.3	.1				8.4	10.9
SW	.6	1.8	2.4	2.4	.7	.3	.3	.0	.0			8.5	10.9
WSW	.5	1.3	2.0	2.2	.4	.2	.2	.1	.0			6.9	11.0
W	.8	1.1	1.5	1.3	.3	.3	.1	.0	.0			5.4	10.0
WNW	.2	.4	.3	.0	.1		.0	.0				1.0	6.8
NW	.2	.4	.2	.1	.0							1.0	6.0
NNW	.5	.5	.2	.1								1.3	5.1
VARBL	.9	.3	.2	.0								1.4	3.8
CALM												21.6	
	16.5	23.3	20.6	12.8	2.7	1.2	.8	.3	.1			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 9106

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

13024 (STATION) TORREJON AB SPAIN (STATION NAME) 59-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1										2.1	3.6
NNE	1.0	1.5	.8	.1								3.4	5.0
NE	1.2	3.1	.9	.1								5.3	5.1
ENE	1.1	1.6	1.9	.1								4.7	5.8
E	2.0	3.1	.6	.3	.2	.1						6.3	5.5
ESE	4.4	2.2	.6									7.2	3.5
SE	2.3	1.5	.5									4.4	3.9
SSE	1.0	1.2	.4	.1								2.7	4.9
S	2.0	4.2	3.6	2.9	.6	.2						13.4	8.2
SSW	.7	3.7	3.3	1.9	.4	.5						10.5	9.0
SW	.2	1.2	1.3	2.1	.5	.1						5.4	10.4
WSW	.4	1.3	.9	1.0	.2	.2						3.9	9.2
W	.2	1.0	1.2	.5	.2		.1					3.1	9.7
WNW	.3	.4		.4	.1							1.2	8.8
NW	.1	.3		.1								.4	7.0
NNW	.1	.2										.3	3.7
VARBL	.3											.3	3.0
CALM												25.6	
	18.0	27.4	16.1	9.5	2.2	1.1	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] TO SPAIN — STATION NAME
59-70 — YEARS
JAN — 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	.6	.5									2.^	4.7
NNE	1.9	2.5	.3									4.7	4.2
NE	1.3	4.3	1.7	.4								7.7	5.5
ENE	1.8	2.2	1.6	.4								6.^	5.6
E	2.4	2.5	1.7	.5	.1							7.^	5.5
ESE	2.9	1.4	.5									4.^	3.6
SE	1.9	.9	.2	.1	.1							3.1	4.2
SSE	.8	1.1	.3	.3								2.4	5.3
S	1.3	4.4	3.2	2.6	.4	.2						11.^	7.9
SSW	.6	2.4	2.0	1.8	.9	.3	.1					8.1	10.1
SW	.4	.9	1.5	1.6	.7	.1	.1					^.4	10.7
WSW	.3	1.0	1.3	1.4	.4	.2						4.7	10.8
W	.3	.8	.1	.3	.5							2.^	9.8
WNW	.1	.1	.2	.1	.2							.6	10.9
NW	.1	.2	.1		.1							.4	7.0
NNW	.2	.1	.1									.4	5.3
VARBL	.4											.4	2.3
CALM												28.^	
	17.5	25.4	15.3	8.9	3.5	.7	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1116

[illegible]
[illegible]TAC/USAF
[illegible]

SURFACE WINDS

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

13024 | [illegible] STATES | 50-70 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.9	.4	.1								2.9	4.5
NNE	1.7	2.2	1.1	.1								5.1	4.9
NE	1.8	4.0	2.9	1.2								9.9	6.4
ENE	1.6	2.9	1.8	.4								6.7	5.6
E	1.9	2.1	.9	.3								5.2	4.9
ESE	1.5	2.2	.6	.2		.1	.1					4.7	5.7
SE	1.	1.3	.2	.1								3.0	4.7
SSE	.9	.5	.4									1.8	4.4
S	1.3	2.4	2.3	2.1	.8	.2	.1					9.4	9.1
SSW	1.	1.6	3.0	2.1	.7	.1	.1					8.5	9.7
SW	.3	1.8	2.0	1.7	.7	.2						6.7	9.9
WSW	.2	.5	1.0	1.1	.3	.1						3.1	10.5
W	.3	.4	.4	.7	.2							1.8	10.0
WNW	.2				.1	.1						.4	11.3
NW	.3	.1	.4		.1							.8	7.1
NNW	.4	.2		.1								.5	4.7
VARBL	.4											.4	2.5
CALM												29.1	
	15.9	23.6	17.5	10.1	2.8	.7	.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1138

DATA PROCESSING [illegible]
USTAC/USAF
[illegible] WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024	[illegible] AB SPAIN	58-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0900-1100 — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	.5	.1								4.7	4.1
NNE	2.9	3.3	2.5	.9								9.6	5.7
NE	1.	4.7	4.9	1.8								12.5	7.3
ENE	.6	1.8	2.8	1.2	.1							6.4	7.9
E	1.4	1.3	1.1	.7	.1							4.6	5.4
ESE	.7	1.3	.4	.3			.2					2.6	7.5
SE	.6	.7	.1	.2	.1							1.7	5.3
SSE	.3	.3	.4	.3								1.4	7.2
S	1.3	2.5	2.1	2.1	.9	.3						9.2	9.2
SSW	.5	1.3	2.7	2.5	.8							7.8	10.2
SW	.3	1.1	2.0	1.3	.9	.3						5.9	10.8
WSW	.3	.6	2.1	1.6	.5	.1						5.3	10.6
W	.3	.3	.8	.6	.2							2.7	8.8
WNW	.3	.4	.1		.1	.1						1.0	7.2
NW	.5	.5	.1	.1								1.2	4.6
NNW	.3	.3	.1									.8	4.3
VARBL	.1	.1										.3	2.3
CALM												22.1	
	14.2	22.8	22.6	13.7	3.0	.8	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1179

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
58-70 — YEARS
[illegible] — 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	3.9	1.3	.7								6.8	6.6
NNE	1.1	3.6	3.1	.9	.1							8.8	6.9
NE	.5	2.8	4.2	2.3	.1							9.9	8.4
ENE	.4	.7	2.4	2.0	.3	.1						5.7	10.1
E	.6	.7	1.7	.6	.1							3.8	8.1
ESE	.1	.7	.5	.8	.1	.1						2.3	10.2
SE		.2	.8	.3								1.3	9.0
SSE	.3	.2	.2	.1	.1							.8	6.8
S	.3	.6	1.0	2.4	.6	.3	.3					5.7	13.3
SSW	.3	.9	2.3	2.5	.7	.3	.2					7.1	11.5
SW	.4	1.0	1.7	2.6	1.8	.3	.2					8.0	12.7
WSW	.3	.8	2.3	2.9	1.1		.1					7.5	11.6
W	1.5	1.9	2.5	2.2	.3							8.3	8.2
WNW	1.[illegible]	.9	.8	.1	.2	.1						3.1	6.1
NW	.8	1.1	.1		.1							2.1	4.4
NNW	.6	1.0		.1								1.7	4.5
VARBL	2.4	1.5										3.9	3.0
CALM												13.2	
	11.7	22.6	24.8	20.4	5.6	1.0	.7					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1179

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

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
JA[illegible] — 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	1.3	2.5	1.0	.4								5.1	5.5
NNE	.9	3.3	2.6	.4								7.2	6.2
NE	1.8	2.6	3.4	.7	.3							8.8	5.8
ENE	.7	1.9	2.4	1.1	.1	.1						6.3	8.0
E	.2	1.1	1.3	2.1	.3							5.0	9.8
ESE		.4	1.1	.5		.1						2.2	9.6
SE	.3	.2	.8	.3								1.5	7.5
SSE	.1	.1	.4	.2								.8	9.2
S	.2	1.0	.8	1.1	.6	.1	.2					3.9	11.4
SSW	.3	1.5	1.4	2.3	.8	.3	.1					6.6	10.8
SW	.5	1.7	2.6	3.9	1.2	.8	.1					10.7	11.8
WSW	.7	1.7	2.5	2.8	.8	.5						9.0	10.5
W	1.6	3.3	3.3	2.3	.4	.1						11.0	7.9
WNW	1.1	1.3	.7	.6	.2							4.0	6.7
NW	.5	1.0	.4									1.9	4.8
NNW	.7	.7	.4	.1								1.9	5.1
VARBL	1.8	.6										2.5	3.0
CALM												11.7	
	12.8	24.9	25.0	18.7	4.7	1.9	.4					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1137

DATA PROCESSED BY
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 | [illegible] AB, SPAIN | 59-70 | JAN

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1800-2000

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.2									1.5	4.5
NNE	1.2	1.8	.4									3.4	4.7
NE	1.5	2.2	1.2	.3								5.1	5.4
ENE	1.2	2.7	2.2	.2								6.7	5.9
E	1.7	4.1	2.0	.6	.3							8.7	6.2
ESE	2.7	.9	.6	.2								4.4	4.1
SE	1.2	.7	.1		.1							2.1	4.2
SSE	.9	.6	.3									1.8	4.0
S	1.1	2.5	2.2	1.4	.7	.2						8.2	8.8
SSW	1.3	2.9	3.1	2.7	.7	.5	.1					11.4	9.5
SW	1.3	3.0	4.1	2.8	.8	.4	.1					12.5	9.8
WSW	.4	1.3	2.1	2.1	.2	.1						6.0	9.2
W	.5	1.2	.9	.5								3.1	6.8
WNW	.7	.3	.3	.2								1.4	5.4
NW	.4	.4	.2									1.0	4.8
NNW	.7	.2	.3	.1								1.3	4.7
VARBL	.3	.3										.5	3.5
CALM												21.4	
	17.5	25.8	20.1	11.0	2.8	1.3	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
59-70 — YEARS
JAN — 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	.7	.5	.1									1.3	3.5
NNE	.4	1.5	.4									2.4	4.8
NE	1.1	1.5	.4	.1								3.0	4.5
ENE	1.2	2.0	2.0	.3								5.4	5.8
E	2.2	4.0	1.2	.2	.1							7.6	5.0
ESE	3.6	3.3	.6	.4	.1							8.0	4.4
SE	2.9	2.0	.3									5.1	3.6
SSE	1.3	.5	.4	.1								2.7	4.3
S	1.6	4.9	4.1	2.5	.5	.1						13.8	7.8
SSW	.4	3.3	4.3	2.2	.4	.6						11.3	9.4
SW	.4	2.1	2.3	1.7	.3		.1	.1				6.9	9.5
WSW	.3	1.6	1.6	1.5	.4		.1					5.5	9.7
W	.2	.4	1.2	.6	.2	.1						2.6	10.3
WNW	.1	.4	.2	.3								1.0	7.5
NW	.1	.1										.2	3.5
NNW	.1	.1	.1									.3	5.3
VARBL	.7	.2										.9	2.7
CALM												22.5	
	16.9	28.5	19.2	9.9	2.0	.8	.2	.1				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024	MADRID AB SPAIN	59-70	FEB
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	.6	1.0	.3									1.9	4.3
NNE	1.4	.5	.6									2.5	4.0
NE	1.4	1.7	1.8	.6	.1							5.5	6.7
ENE	1.0	.8	1.1	.4								3.3	6.2
E	2.7	2.3	1.3	.2	.1							6.5	5.0
ESE	2.8	1.8	.3									4.9	3.7
SE	3.0	1.0	.2	.1								4.2	3.4
SSE	1.2	1.3	.5	.2								3.2	4.9
S	1.6	6.4	4.7	1.9	.5	.2		.1				15.6	7.6
SSW	1.2	2.8	2.8	2.7	.4	.3	.2					10.3	9.4
SW	.2	1.5	2.9	1.8	.2	.6	.1					7.2	10.7
WSW	.4	1.5	2.0	1.4	.1							5.3	8.4
W		.5	.2		.1							.8	7.8
WNW	.3											.3	2.0
NW	.1	.3										.4	3.8
NNW	.4	.5	.1									1.0	4.0
VARBL	.0	.1										.7	2.4
CALM												26.6	
	18.8	23.8	18.6	9.2	1.5	1.1	.3	.1				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1014

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
MURCIA AB SPAIN — STATION NAME
58-70 — 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	.5	.9	.3									1.7	4.4
NNE	1.9	1.7	.4	.2								4.1	4.4
NE	1.6	2.4	1.6	1.2	.1							6.8	6.9
ENE	1.5	2.1	1.1	.8								5.4	6.4
E	1.9	3.0	.8	.8								6.4	5.6
ESE	2.4	1.6	.1									4.0	3.2
SE	2.6	1.2	.2									3.7	3.4
SSE	1.0	.8	.2	.1								2.1	4.6
S	1.6	5.6	4.7	2.1	.5	.2	.2					15.1	8.0
SSW	.8	2.7	2.1	2.5	.5	.3						8.8	9.2
SW	.1	1.2	3.0	.7	.8	.4						6.1	10.7
WSW	.8	.9	1.6	1.5			.1					4.8	8.6
W		.5	.9									1.4	7.4
WNW				.2								.2	13.5
NW	.2		.1									.3	5.0
NNW	.4											.4	2.8
VARBL	.5											.5	2.2
CALM												28.1	
	17.7	24.3	16.9	9.9	1.9	.9	.3					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1016

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — MORON AB SPAIN — 58-70 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

0600-0800 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.1									2.4	3.5
NNE	1.2	1.5	1.0	.3								3.9	5.6
NE	2.7	3.8	3.5	1.1	.1							11.1	6.1
ENE	1.3	2.6	2.1	.7	.1	.2						7.0	7.1
E	1.1	1.9	.7	.1								3.8	4.9
ESE	2.5	1.9	.4	.1								4.9	3.9
SE	1.3	.6	.2									2.1	3.6
SSE	1.1	1.2	.6		.1							2.8	5.1
S	1.9	3.4	3.2	2.4	.7	.1						11.7	8.3
SSW	.6	3.4	2.3	2.1	.3	.1	.2	.1				9.4	9.2
SW	.3	1.7	1.7	.9	.2	.5						5.3	9.8
WSW	.3	1.0	2.2	.3		.3						4.0	8.4
W	.5	.4	.9	.3		.1						2.1	7.8
WNW		.2										.2	5.0
NW	.4		.1	.1								.6	5.5
NNW	.1	.2										.3	4.3
VARBL	.9	.1										1.0	2.6
CALM												27.4	
	17.4	24.9	19.1	8.3	1.4	1.3	.2	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1038

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

47th PRODUCTION UNIT
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.6	.1								3.4	4.8
NNE	2.2	2.3	1.9	.3								6.7	5.3
NE	2.2	5.0	4.8	1.9	.6	.1						14.7	7.5
ENE	1.2	3.1	2.7	1.2		.3						8.4	7.4
E	.5	1.7	.9	.2								3.2	6.1
ESE	.6	.4	.1	.1								1.1	4.4
SE	.4	.4	.4									1.1	5.3
SSE	.4	.4	.8	.1								1.7	6.6
S	.9	2.0	4.0	2.6	1.1	.5	.1					11.2	10.5
SSW	.1	1.6	3.0	2.2	.8	.4						8.1	11.0
SW	.5	1.9	1.8	1.9	.9	.6	.1					7.7	11.2
WSW	.2	.5	1.6	1.9	.6	.2	.1					4.9	11.9
W	.1	.9	1.6	.6								3.2	8.1
WNW		.4	.5	.4								1.2	8.5
NW	.3	.2	.1	.1								.6	5.3
NNW	.3	.4	.2	.1								.9	5.9
VARBL	1.2	.2										1.4	2.7
CALM												20.3	
	12.8	22.6	24.8	13.5	4.1	2.0	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1078

1
2

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
FEB — 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	1.2	2.7	1.1	.2	.1							5.3	5.4
NNE	.9	2.3	3.1	.3	.1							6.7	6.8
NE	.6	2.0	4.6	3.4	.6							12.1	9.6
ENE	.3	1.3	2.2	.7	.2	.1						4.8	8.5
E	.3	.8	1.2	.8	.1							3.2	8.9
ESE	.2		.5	.3								.9	9.2
SE	.2	.5	.2	.2								1.1	7.0
SSE	.2		.3	.1		.1						.6	9.9
S	.3	.1	.8	1.7	.8	.3	.2					4.2	13.9
SSW	.4	.6	1.9	3.9	1.7	.8						9.3	13.7
SW	.6	1.6	2.7	3.4	1.4	1.1	.5					11.2	13.1
WSW	.3	1.5	2.6	2.9	1.0	.6	.1					9.0	11.8
W	1.1	2.4	3.6	1.8	.1	.1	.1					9.2	8.4
WNW	.2	1.4	.8	.3								2.7	6.6
NW	.8	1.0	.4	.5								2.7	6.0
NNW	.6	.7	.4									1.7	5.1
VARBL	2.5	2.6										5.1	3.4
CALM												10.4	
	10.6	22.1	26.3	20.4	6.3	3.1	.8					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
7TH WEATHER SERVICE/MAC

SURFACE WINDS

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

13024	URUE AB SPAIN	58-70	FEB
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	.9	1.1	1.3	.4								3.8	6.3
NNE	1.2	3.5	2.2	.4	.1							7.4	6.3
NE	.8	3.1	5.6	1.3	.1							10.9	7.9
ENE		.6	1.9	1.2	.2							4.1	9.8
E	.1	.8	1.3	1.1	.4							3.8	10.4
ESE	.2	.2	.3	.7	.3							1.6	11.1
SE		.2	.2	.1								.5	8.4
SSE		.3		.1								.4	6.8
S	.5	.7	1.7	1.3	.3	.2	.1					4.7	10.7
SSW	.1	.6	1.9	2.3	1.7	.6						7.3	13.4
SW	.9	1.4	3.8	4.6	2.0	1.0	.5					14.1	12.8
WSW	.6	1.8	3.6	4.1	1.5	1.0	.1					12.6	11.8
W	1.2	3.3	3.5	1.6	.1							9.7	7.5
WNW	.8	1.6	.6	.4	.1							3.5	6.4
NW	1.1	.8	.3									1.8	4.4
NNW	.3	.9	.4	.2	.1							1.8	7.2
VARBL	2.4	1.3										3.7	3.1
CALM												8.9	
	10.7	22.0	28.5	19.6	6.9	2.7	.7					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1034

DATA PROCESSING DIVISION
HQ USAFETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MURCIA ab SPAIN — STATION NAME
59-70 — YEARS
FEB — 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	1.5	.6									3.5	4.3
NNE	1.7	1.1	.4									3.2	3.8
NE	1.5	1.6	1.4	.3								4.7	5.7
ENE	1.1	1.6	1.4	.5								4.5	6.3
E	1.6	2.3	1.6	.3								5.7	6.0
ESE	1.0	1.6	.5	.7								3.7	6.4
SE	1.5	.7	.1	.1	.1							2.5	4.3
SSE	.4	.6	.6	.1								1.7	5.1
S	1.2	2.3	2.3	1.4	.5	.4						8.2	8.7
SSW	1.3	3.0	3.9	4.1	1.0	.3	.1					13.7	9.8
SW	2.5	2.6	3.7	2.6	1.1	.5						12.9	9.0
WSW	.5	3.0	3.8	1.3	.5							9.1	8.3
W	.6	1.5	1.7	.9	.1							4.7	7.8
WNW	.4	.8		.1								1.3	4.8
NW	.1	.4										.5	4.4
NNW	.5	.1	.3									.9	4.1
VARBL	.5											.5	1.8
CALM												18.7	
	17.6	24.4	22.3	12.5	3.3	1.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1014

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
52-70 — YEARS
FEB — 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	.7	.8										1.5	3.7
NNE	.9	.4	.1									1.4	3.6
NE	.6	1.4	1.0	.7								3.7	6.9
ENE	1.	2.4	1.3									4.6	5.3
E	1.5	1.8	1.8	.5								5.5	6.1
ESE	3.1	2.0	.7	.3								6.1	4.2
SE	4.1	1.4	.7	.2								6.4	3.8
SSE	1.9	.8	.8	.3								3.7	4.8
S	1.3	6.0	4.5	2.4	.4	.2						14.9	7.8
SSW	1.[illegible]	3.7	3.6	3.1	.5	.5						12.4	9.3
SW	.9	2.0	3.3	2.4	.5	.5	.2					9.7	10.0
WSW	.3	2.2	1.3	.8	.1							4.6	7.4
W	.7	.7	.8			.1						2.3	6.4
WNW	.4			.2								.8	6.3
NW	.3	.1	.1									.5	4.2
NNW	.3	.4										.7	3.7
VARBL	.6											.6	2.0
CALM												20.8	
	19.0	25.9	19.9	10.7	1.5	1.3	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1014

ATR PROCESSING ELEMENT
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION

SHIRAZ AB IRAN — STATION NAME

63-70 — YEARS

APR — 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	.9	.9										1.8	3.4
NNE	1.3	1.8	.2	.1								3.3	4.1
NE	.9	1.7	1.3	.5								4.4	6.4
ENE	.4	1.7	1.3	.1	.1							3.5	6.4
E	1.2	1.5	.8	.9								4.3	6.5
ESE	1.9	1.4	.4		.1	.1	.1					4.8	5.2
SE	2.7	1.2	.3	.2								4.3	3.8
SSE	1.4	1.8	.5	.2								3.9	4.6
S	2.8	7.3	3.3	1.9	.4		.1					15.9	6.6
SSW	1.[illegible]	5.3	3.0	2.3	.5							12.1	7.7
SW	.7	2.2	2.8	1.8	.4	.1						7.9	8.9
WSW	.5	1.7	1.3	1.0	.6		.1					5.2	9.1
W	.4	1.2	1.3	.3	.2	.1						3.4	8.1
WNW	.2	.5	.1									.8	4.9
NW	.3	.7										1.0	4.6
NNW	.3	.5	.1									.8	4.5
VARBL	.7	.3										1.0	2.9
CALM												22.1	
	17.7	31.6	16.5	9.3	2.3	.3	.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1197

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
58-70 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
0900-0900 — 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.[illegible]	.9	.2									2.1	[illegible].5
NNE	2.2	1.2	.3	.2								3.[illegible]	4.0
NE	1.9	2.2	1.5	.[illegible]								5.[illegible]	6.5
ENE	1.2	1.8	1.4	.6								5.[illegible]	6.5
E	1.[illegible]	1.8	.8	.3	.1							4.[illegible]	5.5
ESE	2.8	1.8	.8		.2	.1	.1					5.7	5.2
SE	2.2	1.9	.[illegible]	.2								5.1	4.5
SSE	1.9	1.2	.3	.3								3.[illegible]	4.7
S	2.[illegible]	5.3	1.9	.[illegible]	.1							10.[illegible]	5.[illegible]
SSW	1.7	3.9	2.3	1.[illegible]	.3	.2						10.2	7.5
SW	.9	2.2	3.3	1.[illegible]	.5	.2						[illegible].9	9.[illegible]
WSW	.3	1.6	1.1	1.3	.3							4.6	9.[illegible]
W	.7	1.4	.5	.3	.2							3.1	6.5
WNW	.3	.5	.1									.9	4.2
NW	.2	.3	.2									.6	5.9
NNW	.3	.1										.4	2.6
VARBL	.[illegible]	.1										.7	2.9
CALM												25.[illegible]	
	20.5	28.1	15.4	8.4	1.5	.4	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1197

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AT

SURFACE WINDS

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

13724 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.2	.1								1.1	5.2
NNE	.5	2.0	.8	.1								4.3	4.6
NE	1.2	2.7	2.3	.6								6.9	6.6
ENE	1.3	2.5	2.3	1.3	.1							7.5	7.2
E	1.5	1.5	.8	.6								4.4	5.7
ESE	1.4	1.4	.3	.3	.1							3.4	5.1
SE	1.3	.6	.3	.2								2.7	4.5
SSE	1.7	.9	.3									2.9	3.6
S	1.6	6.1	2.2	.6	.2							10.6	6.1
SSW	1.7	2.3	1.9	1.6	.3	.1						7.9	7.9
SW	.9	2.4	3.1	1.8	.3	.1						8.7	8.5
WSW		1.3	1.2	.6	.1							3.1	8.3
W	.4	.7	.6	.9	.1							2.7	8.8
WNW	.4	.8	.3									1.6	4.6
NW	.2	.3	.1									.6	4.1
NNW	.2	.2										.3	3.5
VARBL	.4	.1										.5	2.7
CALM												30.9	
	15.9	26.5	16.7	8.8	1.2	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1197

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

13024 — [illegible] AB SPAIN — STATION / STATION NAME

58-70 — YEARS

AR — 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	1.7	.9									3.6	5.1
NNE	1.1	2.2	1.0	.1								4.3	5.1
NE	.8	2.3	4.1	2.3	.1							9.5	8.5
ENE	.8	1.9	3.1	2.7	.6							9.1	9.5
E	.3	.8	1.3	2.0	.2	.1						4.7	10.1
ESE	.6	.3	.7	.3	.2	.1						2.1	7.8
SE	.1	.3	.3	.3								1.0	8.8
SSE		.3	.2									.4	5.4
S	1.3	2.3	2.2	1.7	.3	.2						7.9	8.2
SSW	.5	2.2	2.2	1.4	.3	.2						6.7	8.6
SW	.4	2.2	4.5	2.9	1.0	.2						11.2	10.1
WSW	.7	2.1	1.8	1.3	.4	.2						6.4	9.0
W	.3	2.6	1.4	1.8	.3	.2						6.6	9.1
WNW	.3	1.0	.8	.3	.1							2.4	7.1
NW	.6	.8	.6									2.0	5.0
NNW	.4	.1	.5	.1								1.1	6.0
VARBL	2.6	1.1										3.9	3.0
CALM												17.1	
	11.9	24.1	25.4	17.1	3.3	1.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1197

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
1 — 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	.5	1.9	.9	.1								3.4	5.6
NNE	.6	1.2	1.9	.8	.1							4.6	7.5
NE	.5	1.4	2.7	2.6	.3							7.7	9.3
ENE	.3	.4	1.6	2.2	.3							4.8	10.6
E	.4	.3	1.4	2.4	.3							4.9	10.6
ESE		.3	.4	.9	.3		.2	.1				2.1	14.4
SE		.1	.2	.1		.2						.5	13.2
SSE		.2	.3	.3	.1							.9	11.4
S	.2	.2	1.0	1.2	1.3	.2						3.9	13.5
SSW	.1	.8	1.1	1.5	.5							3.9	11.0
SW	.6	1.2	3.5	3.5	1.9	.3	.1					11.1	11.9
WSW	.8	2.6	4.0	4.5	1.6	.9						14.2	11.3
W	1.1	3.8	4.7	2.3	.3	.1						12.1	8.3
WNW	.6	1.9	1.4	1.2								5.3	7.2
NW	.5	1.0	.5	.1								2.1	5.5
NNW	.7	.8	1.2	.1								2.8	6.1
VARBL	3.5	3.8										7.3	3.7
CALM												8.5	
	10.7	21.8	26.8	23.6	6.8	1.6	.3	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1195

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
TORO AB SPAIN — STATION NAME
58-70 — YEARS
APR — MONTH
ALL WEATHER — CLASS
1200-1700 — 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	.3	1.1	.9	.2	.1							2.6	7.8
NNE	.8	1.2	1.6	.5								4.1	6.3
NE	.3	1.4	2.8	1.4	.1							5.9	8.7
ENE	.5	.7	1.7	1.7	.5							4.1	10.4
E	.4	.6	1.8	1.4	.3	.1						4.6	10.4
ESE	.1	.3	.5	1.4	.2		.1	.1				2.7	12.8
SE	.2	.1	.1	.4	.2	.1						1.0	12.1
SSE		.2	.2	.1	.1							.6	9.7
S	.1	.3	.8	.9	.6	.2						3.0	12.5
SSW	.3	1.3	1.9	1.4	.8	.1						5.9	10.6
SW	.3	1.4	4.1	5.2	2.4	.6						13.9	12.5
WSW	.4	2.3	6.0	6.6	1.8	.5						17.6	11.4
W	.8	3.0	4.0	3.6	.3	.1						12.3	9.1
WNW	.3	2.1	1.4	.6	.1	.1						4.5	7.6
NW	.6	1.0	1.1	.8								3.5	7.8
NNW	.3	1.0	1.1	.3								2.7	6.7
VARBL	2.5	2.0										4.5	3.7
CALM												6.3	
	7.1	21.0	29.9	26.5	7.4	1.7	.1	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1183

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — 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	1.2	1.1	.3	.1	.1							2.8	4.9
NNE	1.1	1.4	.3									2.8	3.8
NE	.8	1.7	1.2	.2								3.7	5.0
ENE	.5	1.1	1.2	.3	.1							3.2	6.8
E	.9	2.0	2.0	.3								5.7	6.9
ESE	.6	1.3	.8	1.0		.2	.1					4.2	8.5
SE	.5	.6	.3	.3								1.7	6.6
SSE	.4	.4	.3	.2	.1							1.4	7.0
S	.8	1.5	1.2	1.4	.5	.1						5.3	9.7
SSW	1.8	2.4	3.7	2.6	.6	.1						10.4	9.1
SW	1.8	4.9	7.6	4.3	1.2	.5						19.5	9.6
WSW	1.5	4.3	5.3	3.1	.5	.1						14.8	8.3
W	1.3	2.0	3.1	.9	.2	.2						7.8	7.7
WNW	.5	.8	.6	.2								2.1	5.9
NW	.7	.7	1.3	.1								2.7	6.2
NNW	.7	1.2	.4	.1								2.4	5.2
VARBL	.5	.3										.8	3.0
CALM												8.9	
	13.8	27.8	29.5	15.6	3.2	1.1	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1178

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) — MORON AB SPAIN (STATION NAME) — 56-70 (YEARS) — AP (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	.6	.1									1.1	3.9
NNE	.6	.9	.3									1.8	4.6
NE	1.1	1.2	.3	.1								2.7	4.6
ENE	.6	1.1	.8	.2								2.6	6.0
E	2.0	2.6	1.4	.3								6.4	5.5
ESE	1.5	2.1	1.0	.4			.3					5.4	6.7
SE	1.7	1.2	.3									3.2	3.9
SSE	1.2	.9	.2	.3								2.6	4.8
S	3.1	6.7	5.8	1.9	.7	.3						18.4	7.3
SSW	1.3	5.8	5.3	2.0	.3	.1						14.7	7.7
SW	1.2	3.5	4.0	2.6	.5	.2	.3					12.2	9.1
WSW	.9	1.6	2.5	1.4	.4							6.8	8.4
W	.7	.9	1.4	.9	.1							4.0	8.4
WNW	.2	.4	.2	.2								.9	6.7
NW	.3	.5	.2									.9	5.1
NNW	.3	.5	.3									1.1	4.8
VARBL	.3	.3										.6	3.3
CALM												14.6	
	17.4	30.7	24.1	10.2	2.0	.5	.5					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1176

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

13024 — STATION
TORO AB SPAIN — STATION NAME
58-70 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0000-0700 — HOURS (L S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.3	.1								1.0	5.9
NNE	1.1	.7	.1	.1								1.9	4.0
NE	.9	1.2	.8	.3								3.7	6.0
ENE	.4	1.4	.7									2.5	5.8
E	1.2	1.1	.9									3.2	4.8
ESE	2.4	1.1	.2									3.8	3.7
SE	3.1	.8	.3									4.2	3.0
SSE	2.9	1.4	.5	.1								4.0	3.9
S	3.8	10.9	5.8	1.5	.1							22.0	6.0
SSW	3.5	6.0	5.0	1.2	.5							16.2	6.5
SW	1.9	2.9	2.2	1.1	.5							8.6	7.3
WSW	.3	2.2	1.7	.2	.1	.2						4.6	7.3
W	.5	1.2	.8									2.5	5.4
WNW	.2	.3	.3									.8	5.4
NW	.1	.2	.1									.3	5.5
NNW	.3	.3										.6	3.1
VARBL	.5	.1										.6	2.7
CALM												19.8	
	22.5	32.1	19.5	4.6	1.2	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1146

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
58-70 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.3									1.7	3.9
NNE	1.0	.8	.7		.1							2.5	5.2
NE	1.6	1.7	1.3	.5								5.1	5.9
ENE	.8	1.7	.7	.1								3.3	5.3
E	1.7	1.4										3.1	3.5
ESE	4.4	1.5	.3									6.2	3.1
SE	2.4	.8										3.1	3.2
SSE	1.7	1.0	.9									3.6	4.3
S	3.9	8.0	3.1	.9								16.0	5.5
SSW	2.2	5.8	4.3	.7	.4							13.4	6.5
SW	2.[illegible]	2.2	2.2	1.0	.3	.2						7.9	7.4
WSW	.6	1.0	.7		.2							2.4	6.5
W	.4	.5	.5	.2		.1						1.7	6.8
WNW		.5	.3	.1								.9	6.6
NW	.3	.3		.1								.7	4.4
NNW	.3	.1										.3	3.0
VARBL	.3											.3	3.0
CALM												27.7	
	24.1	28.1	15.3	3.6	1.0	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1146

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0600-0600 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.3									1.9	4.5
NNE	1.0	.9	.3	.3								3.0	4.6
NE	2.[illegible]	2.3	2.4	.7	.3	.1						7.8	6.8
ENE	1.3	1.7	2.1	.4	.1							5.7	6.2
E	1.0	1.2	.3	.2								3.5	4.3
ESE	1.7	1.3	.2									3.2	3.6
SE	2.[illegible]	.5	.5									3.0	3.6
SSE	.8	1.0	.3									2.0	4.3
S	2.8	5.7	3.2	1.0								12.8	5.7
SSW	2.3	4.4	3.0	.5								10.3	5.8
SW	1.4	2.3	1.7	.7	.3	.1						6.4	6.9
WSW	1.0	1.2	1.7	.3	.1							4.4	6.5
W	.3	.8	.3	.7	.2							2.3	8.8
WNW	.5	.2	.2									.9	4.2
NW		.3										.3	5.7
NNW	.2	.3	.1									.5	4.2
VARBL	.0	.1										.7	2.6
CALM												31.2	
	21.2	25.1	16.6	4.9	.9	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1149

DATA PR[illegible] [illegible]
FTAC/USAF
AIR WEATHER SERVICE/ AC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — 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	1.6	1.6	.3	.2	.1	.1						3.8	5.3
NNE	.8	2.9	1.8	.8	.1							6.4	6.7
NE	.5	4.9	4.4	1.7	1.7	.3						13.5	9.4
ENE	.4	1.4	2.3	1.5	.2							5.7	8.4
E	.5	1.0	1.0	.9								3.4	7.5
ESE	.2	.1	.3	.1								.7	7.6
SE	.4	.4	.1	.1	.1							1.1	6.1
SSE	.5	.1	.3	.2								1.0	6.1
S	1.0	1.3	1.5	1.6								5.3	8.0
SSW	.8	2.6	2.6	2.0	.4	.1						8.5	8.6
SW	1.0	3.0	3.1	1.6	.4	.3						9.7	8.7
WSW	.9	2.0	2.8	2.6	.3							8.6	8.8
W	1.1	2.5	1.6	1.3	.3							6.9	7.7
WNW	.0	.8	1.0	.3								2.6	6.5
NW	.3	.4	.9	.1								1.7	6.8
NNW	.6	.5	.3	.1								1.6	5.1
VARBL	2.7	1.5										4.2	3.3
CALM												15.2	
	13.9	26.9	24.3	15.1	3.7	.8						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1149

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
56-70 — 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	.3	1.0	1.6	.3								4.2	5.7
NNE	.6	1.1	2.2	.8								4.7	7.7
NE	1.0	1.9	3.1	2.1	1.0	.3						9.4	9.8
ENE	.5	1.0	1.6	1.6	.2							4.8	8.9
E	.7	1.5	1.0	.7								3.8	6.8
ESE	.1	.3	.3	.6								1.5	9.9
SE	.1	.3		.3								.7	7.5
SSE	.1	.1	.1									.3	5.0
S	.5	.5	1.1	.9	.5	.1						3.7	10.2
SSW	.4	1.0	1.8	1.0	.9	.2						5.3	10.7
SW	.7	1.9	3.0	3.0	.8	.2						9.5	10.0
WSW	.6	2.6	4.3	5.4	.9	.2						13.9	10.3
W	1.7	3.7	4.7	2.3	.9	.1						13.6	8.5
WNW	.6	1.7	1.4	.4								4.2	6.7
NW	.6	1.3	.8	.4								3.1	6.3
NNW	.8	1.3	.7	.2								3.0	5.5
VARBL	3.5	3.8										7.3	3.6
CALM												7.2	
	12.8	26.0	27.6	20.2	5.1	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1148

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

2

SURFACE WINDS

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

13024	[illegible] AB SPAIN	58-70	APR
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	.6	2.3	1.2	.7								4.8	6.6
NNE	.5	2.2	2.4	.8								5.9	7.3
NE	.5	1.1	2.4	1.4	.7							6.1	9.6
ENE	.3	.7	1.7	.9								3.6	8.3
E	.2	.6	1.6	.9								3.4	8.6
ESE		.2	.6	.3								1.1	8.5
SE	.4	.3	.3	.4								1.1	8.2
SSE	.2	.1	.3	.2								.7	7.1
S	.2	.5	.7	.7	.3							2.4	9.5
SSW	.5	.5	.6	2.0	.6	.1						4.3	11.8
SW	.2	1.2	3.0	4.8	1.5	.5						11.7	12.2
WSW	.5	2.7	5.2	8.3	2.2	.5	.1					19.4	11.8
W	1.5	4.5	4.7	4.4	.7	.1						15.9	8.8
WNW	.6	3.4	1.5	.7	.3							6.5	6.9
NW	.3	1.4	1.0	.3								3.4	6.2
NNW	.2	.6	.9	.3								2.0	7.3
VARBL	1.9	2.2										4.1	3.7
CALM												3.9	
	6.7	24.6	28.4	26.9	6.3	1.1	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1103

DATA PROCESSING DIVISION
(TAC/USAF)
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
50-69 — YEARS
APR — MONTH
ALL WEATHER — CLASS
1200-2200 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.3	.3								3.7	6.3
NNE	.6	2.0	1.2	.5	.1							4.4	6.2
NE	.4	1.1	1.9	.3	.1							3.7	7.3
ENE	.6	1.7	.9	.3	.1							3.6	6.3
E	.9	.8	.7	.3								2.7	5.7
ESE	.6	.6	.3	.2								1.8	5.6
SE	.6	.8	.4									1.8	5.1
SSE	.4	.3	.1		.1							.8	5.6
S	.5	1.4	1.2	1.2	.1							4.4	8.3
SSW	.6	1.9	2.9	2.0	.5	.1						7.9	9.2
SW	1.2	6.2	7.5	4.7	.9							20.6	8.7
WSW	1.4	3.4	7.6	6.8	1.0							20.2	9.6
W	.6	2.1	3.5	2.3	.3	.1						8.9	9.1
WNW	1.1	1.1	.5	.3								3.0	5.3
NW	.9	.6	1.0	.3								2.8	6.3
NNW	.6	.4	.2	.3								1.5	5.4
VARBL	.4	.2										.6	2.8
CALM												8.1	
	11.9	25.9	31.1	19.6	3.1	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1080

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] SPAIN	[illegible]-69	[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 2100-2300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.3	.4									1.2	4.8
NNE	.1	.1	.1	.1								.4	7.8
NE	.3	1.6	1.0	.4								3.2	5.8
ENE	.5	1.0	.9	.2								2.6	5.5
E	1.0	1.2	.9									3.1	5.1
ESE	.9	.6		.2								1.7	4.2
SE	1.2	.8	.3									2.3	4.0
SSE	1.	1.4	.3									2.7	3.9
S	2.9	9.0	5.4	1.4	.6	.1						19.3	6.6
SSW	2.5	10.0	5.7	1.5	.9							20.6	5.9
SW	1.9	6.7	5.1	3.6	.4	.1						17.7	7.6
WSW	1.3	2.9	1.5	.6								6.2	6.1
W	.5	1.0	1.7	.3								3.4	7.1
WNW	.5	.1		.2								.7	5.4
NW	.1	.3	.4	.1								.8	7.4
NNW	.1	.4	.3									.7	5.9
VARBL	.5											.5	2.4
CALM												13.1	
	15.0	36.9	23.9	8.4	1.2	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) TORREJON AB SPAIN (STATION NAME) 58-70 (YEARS) AY (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	.8	.3	.3	.2								1.5	5.1
NNE	.9	.9	.1									1.8	3.8
NE	.4	1.1	.3	.3								1.9	6.3
ENE	.3	.4	.3									1.0	5.4
E	1.2	1.1	.4	.1								2.8	4.5
ESE	2.7	1.1	.2	.2								4.1	3.4
SE	3.5	1.3	.4									5.3	3.4
SSE	1.5	1.7	.4									3.5	4.1
S	3.1	9.0	7.2	1.1	.2							20.5	6.3
SSW	2.7	7.5	6.1	1.2	.1							17.6	6.4
SW	1.5	3.7	3.1	2.1	.1							10.4	7.4
WSW	.7	1.8	1.1	.4								3.9	6.3
W	.5	.5	.3									1.4	4.7
WNW		.1	.4									.4	7.4
NW	.1	.1	.1			.1						.4	9.3
NNW	.2	.5	.1									.8	4.6
VARBL	.4	.3										.7	2.8
CALM												22.2	
	20.2	31.4	20.4	5.4	.4	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1140

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
JAN — 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	.7		.1								1.4	3.8
NNE	1.1	1.1	.1									2.3	3.[illegible]
NE	1.[illegible]	.9	.4	.3								2.5	5.2
ENE	.8	.7	1.1	.1								2.6	5.5
E	1.5	2.0	1.0	.4	.1							5.4	5.6
ESE	4.5	1.5	.1	.2								4.2	3.1
SE	2.6	1.8	.3									4.6	3.5
SSE	1.3	2.2	.4									3.9	4.4
S	2.0	6.5	3.2	1.4	.1							14.0	6.2
SSW	2.0	6.5	3.6	.6								13.5	5.7
SW	1.1	2.1	1.2	1.2	.2							5.8	7.5
WSW	.5	1.3	.9	.4								3.2	6.8
W	.4	.4	.4	.1								1.3	5.8
WNW	.4	.2		.2								.8	5.4
NW	.1	.1	.1									.3	4.7
NNW	.2	.2										.4	3.5
VARBL	.8	.2										1.0	2.6
CALM												30.6	
	23.0	28.2	12.8	5.0	.4							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1140

DATA PROCESSED BY
ATAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
TORREJON AB SPAIN — STATION NAME
55-70 — YEARS
MAY — 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	.9	.9	.6	.1								2.4	4.7
NNE	1.2	2.1	.9									4.1	4.7
NE	1.3	3.5	2.5	1.2	.2							8.7	5.9
ENE	.5	2.2	2.1	.6	.2							5.6	7.8
E	2.3	1.6	1.2	.1	.3							5.5	5.7
ESE	1.5	.5	.3									2.3	3.3
SE	1.2	.6	.1	.2	.1							2.1	4.9
SSE	.9	.3	.1									1.4	3.3
S	1.5	3.3	2.4	1.1								8.3	6.7
SSW	2.3	3.2	2.0	.9	.1							8.4	6.6
SW	1.1	2.9	2.4	1.8	.3							8.6	7.8
WSW	.7	1.0	1.0	.3	.1							3.2	6.6
W	1.0	.9	.5	.2								2.7	5.3
WNW	.3	.4	.3									1.1	4.6
NW	.3	.3	.2	.1								1.0	5.9
NNW	.4	.4		.1								.9	4.1
VARBL	1.0											1.0	2.3
CALM												32.6	
	18.6	24.5	16.5	6.6	1.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1165

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
TORD AB SPAIN — STATION NAME
[illegible]-70 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0700-1100 — 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	1.2	1.6	.8									[illegible]	4.9
NNE	1.3	2.3	2.5	.2								6.7	5.9
NE	1.3	3.2	4.3	.9	.4	.1						10.[illegible]	7.7
ENE	.8	2.0	2.6	1.0	.1	.2						6.7	8.0
E	.9	1.1	1.6	1.1	.3	.1						5.1	8.5
ESE	.2	.3	.7									.7	5.3
SE	.3	.3	.3	.1								1.[illegible]	5.9
SSE	.5	.2		.1								.[illegible]	4.0
S	.4	1.0	.9	1.3	.3	.1						4.[illegible]	9.9
SSW	.7	1.2	1.6	2.0	.2	.1						6.[illegible]	9.0
SW	1.2	2.0	4.0	2.6	.7	.1						10.[illegible]	9.1
WSW	.9	1.9	2.6	2.6	.3	.2						8.7	9.3
W	1.2	3.5	2.5	.7	.1							7.9	6.6
WNW	1.1	1.4	.5	.1								3.1	5.1
NW	.9	.9	.6	.1								2.4	5.3
NNW	.4	.4	.9									1.7	6.0
VARBL	5.5	2.5										8.0	3.1
CALM												13.4	
	19.2	26.3	25.8	12.6	2.2	.8						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1176

AIR PRESSION ANALYSIS
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
NORD AB SPAIN — STATION NAME
55-70 — YEARS
AY — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.0	.9	.1								3.6	5.4
NNE	.5	2.0	.7	.1								3.2	5.7
NE	.3	1.6	2.4	1.0	.2							5.5	5.5
ENE	.2	1.1	1.4	.8	.2							3.6	8.8
E	.4	.8	2.0	.9		.1						4.1	8.3
ESE	.3	.3	.6	.9	.1							2.2	9.6
SE		.6	.4	.2								1.2	7.8
SSE	.2	.3	.2	.3								.9	7.5
S	.7	1.4	.7	.6	.3	.6						4.3	9.8
SSW	.6	1.0	2.2	2.4	.1	.2	.3					6.9	10.1
SW	1.1	1.8	4.9	4.0	.8	.3						12.8	10.0
WSW	.9	2.0	5.3	4.6	.6	.1						13.4	9.7
W	1.7	4.5	4.5	3.7	.3							14.8	8.3
WNW	.4	1.2	2.5									4.1	6.7
NW	1.2	.7	1.4	.3								3.6	6.4
NNW	.3	.9	.7	.2								2.0	6.3
VARBL	3.4	3.8										7.2	3.6
CALM												6.9	
	13.1	25.9	30.3	20.0	2.5	1.2	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1176

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
MURCIA AB SPAIN — STATION NAME
56-70 — 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	.4	1.0	1.0	.3								2.6	6.5
NNE	.3	1.1	1.5	.5								3.4	7.4
NE	.4	1.1	.8	.6	.2							3.1	8.2
ENE	.5	.8	.5	.5								2.4	7.0
E	.2	.7	1.8	.6	.2							3.5	9.0
ESE	.1	.4	1.2	.3	.1	.1						2.1	9.5
SE	.2	.6	.4	.4								1.5	7.7
SSE	.1	.1		.4								.6	10.6
S	.4	.9	.5	.6		.2	.1					2.5	9.1
SSW	.2	1.0	1.1	1.7	.5	.1	.1					4.6	11.3
SW	.6	1.8	3.7	6.3	2.1	.3						14.9	12.0
WSW	.5	3.2	8.4	7.6	1.0	.3	.1					21.2	10.3
W	.0	4.1	6.7	5.7	.7							17.9	9.5
WNW	.2	3.1	1.8	.3								5.4	6.5
NW	.5	1.3	1.4	.3								3.5	6.5
NNW	.3	.8	.6	.3								1.9	6.5
VARBL	2.6	2.6										5.1	3.6
CALM												3.8	
	8.0	24.5	31.5	26.4	4.7	.9	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1137

[illegible]
[illegible]TAC/USAF
[illegible] EAT[illegible] SERVICE/ [illegible]

2

SURFACE WINDS

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

13024 [illegible] AB, SPAIN 58-69 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	.2	.1								2.3	4.6
NNE	.5	1.2	.9	.4	.1							3.1	6.8
NE	.3	.5	.5	.1								1.4	6.4
ENE		.3	.1									.4	6.3
E	.2	.7	1.3	.3								2.5	7.7
ESE	.1	.7	.7	.5	.1	.1	.1					2.3	9.9
SE	.2	.5	.7	.3								1.7	7.3
SSE	.1	.3	.2									.5	5.0
S	.3	1.4	.5	.7								3.0	7.3
SSW	.6	2.2	3.0	1.9	.2	.2						8.0	9.0
SW	.5	3.4	8.2	6.5	1.3	.1	.1					20.2	10.4
WSW	1.3	4.1	10.9	8.8	1.9	.1						27.2	10.1
W	.5	3.9	5.4	3.3	.9							14.0	9.0
WNW	.4	1.5	1.2	.4								3.5	6.5
NW	.5	.6	.8	.2								2.2	6.4
NNW	.5	.8	.8	.1								2.2	5.8
VARBL	.3	.5										.8	3.7
CALM												5.2	
	7.2	23.7	35.4	23.5	4.3	.4	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1116

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

SURFACE WINDS

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

13724 — STATION
TORREJON AB SPAIN — STATION NAME
58-69 — YEARS
MAY — 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	.9	.4	.2	.1								1.5	4.1
NNE	.6	.4										1.7	3.1
NE	.2	.5	.3									1.0	5.6
ENE	.4	.4										.5	4.7
E	.2	.6	.4									1.3	6.1
ESE	.5	.4	.2		.4							1.5	7.4
SE	1.1	.9	.4	.1	.1							2.5	5.3
SSE	.6	1.2	.2									2.2	3.8
S	2.4	8.1	4.3	2.3	.1							17.2	6.6
SSW	2.9	9.2	7.3	2.9	.4							22.6	7.1
SW	1.5	5.7	7.4	4.0	.2							18.9	8.1
WSW	1.9	3.8	4.4	.8								10.9	6.6
W	.5	1.4	.3									2.2	5.0
WNW	.4	.6										1.0	3.9
NW	.2	.7	.3									1.2	5.1
NNW	.3	.3	.2									.7	4.8
VARBL	1.2	.1										1.3	2.3
CALM												12.3	
	15.8	34.8	25.8	10.2	1.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1115

ATA PROCESSING DIVISION
TAC/USAF
IR WEATHER SERVICE/MAC

SURFACE WINDS

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

13724 — STATION
[illegible] SPAIN — STATION NAME
58-69 — YEARS
[illegible] — 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	.6	.8	.4	.1								1.9	5.2
NNE	.7	1.2	.2									2.1	4.3
NE	.1	.5	.4									.9	6.0
ENE	.3	.8	.7									1.9	5.8
E	.7	.7	.1	.1								1.7	4.6
ESE	1.9	.6	.1	.1								2.6	3.4
SE	2.3	.3										2.5	2.7
SSE	2.1	2.1	.2	.1								4.5	3.8
S	6.0	10.6	7.8	1.9	.3							26.5	6.1
SSW	3.2	8.0	5.0	2.1	.5							18.8	6.7
SW	1.3	2.1	2.9	1.1	.3							7.7	7.3
WSW	1.5	1.8	2.2	.4								5.8	6.3
W	.3	.4	.6									1.2	6.5
WNW	.1	.6	.4									1.0	5.7
NW	.2	.5	.3									.9	5.3
NNW	.1	.3	.2									.6	5.2
VARBL	.0	.1										.7	2.4
CALM												18.4	
	22.0	31.4	21.3	5.8	1.0							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1080

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

2

SURFACE WINDS

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

13024 (STATION) ____ (STATION NAME) 5469 (YEARS) ____ (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.3									.7	5.3
NNE	.6	.6	.3									1.7	4.4
NE	.5	1.0	1.3	.1								2.7	6.5
ENE	.7	1.6	.6	.3								3.1	5.4
E	1.4	1.5	1.0	.1								4.0	5.1
ESE	2.9	.6	.1									3.6	2.9
SE	2.7	1.2	.4									4.3	3.3
SSE	2.6	1.5	.2									4.3	3.6
S	3.5	6.3	3.4	.8	.1							14.2	5.7
SSW	2.8	5.6	3.1	1.4	.4	.1						13.2	6.5
SW	1.1	2.1	2.5	.7	.1							6.6	7.0
WSW	.4	1.2	1.2	.2								3.0	7.2
W	.2	.3	.2	.1								.7	6.6
WNW	.3	.2	.1									.6	3.8
NW	.2	.1		.1								.4	5.0
NNW	.2	.1										.3	3.3
VARBL	.6											.6	2.0
CALM												35.9	
	21.1	24.0	14.5	3.8	.6	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1080

[illegible]
TAC/USAF
[illegible]

SURFACE WINDS

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

13024 [illegible] SPAIN 56-70

STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0900

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	.4	.9	.3									1.5	4.9
NNE	1.2	1.7	.5									3.5	4.5
NE	1.4	2.2	2.4	.5								6.6	6.4
ENE	1.4	2.1	1.4	.5								5.5	6.0
E	.8	1.0	.8	.4								3.0	6.1
ESE	.9	.9	.2									2.0	3.7
SE	.6	.6										1.2	3.8
SSE	.8	.4	.1									1.3	3.5
S	2.5	4.6	1.2	.3	.1							8.9	5.0
SSW	1.9	2.6	3.8	.8	.5							9.6	7.1
SW	1.5	3.1	2.7	1.2	.1							8.5	7.1
WSW	1.1	2.0	1.6	.7								5.3	6.8
W	.8	.9	.8	.4								2.7	6.5
WNW	.4	.3	.2									.8	4.0
NW	.2	.4										.6	4.3
NNW	.4	.3	.1									.7	4.3
VARBL	2.0	.1										2.0	2.4
CALM												35.3	
	18.0	25.4	16.1	4.6	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1124

[illegible]
[illegible]
[illegible]

2

SURFACE WINDS

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

13724 [illegible] AB SPAIN 56-70 [illegible]

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1200-1200

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	.9									5.1	4.6
NNE	1.[illegible]	2.3	1.3	.2								4.[illegible]	5.4
NE	.4	3.5	1.7	.8	.2							6.5	7.3
ENE	.7	1.8	1.7	1.[illegible]								5.7	7.5
E	.5	1.4	1.3	1.[illegible]	.3	.1						4.9	8.8
ESE	.4	.2	.3	.3								1.3	7.5
SE	.3	.3	.1									.5	4.1
SSE	.3	.1										.4	2.4
S	.9	.7	1.0	.[illegible]								2.9	6.1
SSW	1.[illegible]	1.8	2.0	1.[illegible]	.5							7.9	8.7
SW	.9	3.1	3.0	2.[illegible]	.5							10.1	8.3
WSW	.7	3.3	4.5	1.2	.1							9.8	7.8
W	2.1	3.1	1.8	1.1								8.2	5.2
WNW	1.1	1.6	.6	.1								3.4	4.9
NW	1.[illegible]	1.6	.3	.1								3.1	4.7
NNW	1.[illegible]	1.3	.4									2.5	4.5
VARBL	6.0	2.4	.1									9.7	3.0
CALM												14.6	
	20.7	30.9	22.2	10.0	1.0	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1146

2

SURFACE WINDS

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

14924 STATION

STATION NAME

58-70 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	.4	1.2	.7	.2								2.7	6.1
NNE	.3	1.2	.9	.2								2.6	6.2
NE	.3	1.1	1.2	.5	.1							3.2	7.8
ENE		.5	1.3	.3								2.2	8.3
E	.6	1.5	1.7	.7	.2							4.7	8.5
ESE	.3	.6	.0	.7	.1							2.3	9.0
SE	.3	.7	.6		.1							1.7	6.4
SSE	.4	.3	.3	.2								1.1	6.3
S	.0	2.1	.6	.8								4.1	6.4
SSW	.5	2.2	2.0	.9	.1							5.7	7.5
SW	.7	2.4	4.9	3.1	.9	.1						11.9	9.7
WSW	.6	2.8	6.0	4.1	1.3							15.0	9.7
W	1.1	5.0	6.7	3.	.4							17.1	8.5
WNW	.4	1.6	2.1	.3								4.4	7.0
NW	.3	.9	.3	.3								1.7	6.4
NNW	.4	.8	.0									1.8	5.8
VARBL	4.3	6.4	.5									11.2	3.9
CALM												6.7	
	12.1	30.9	31.3	15.9	3.1	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1147

SURFACE WINDS

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

13724 — STATION

[illegible] — STATION NAME

53-72 — YEARS

[illegible] — MONTH

[illegible] — CLASS

[illegible] — HOURS (L.S.T.)

[illegible] — CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.6	.6	.3								2.6	5.[illegible]
NNE	.1	.7	.5	.3								1.[illegible]	7.4
NE	.1	.8	1.0	.1	.2							2.[illegible]	7.[illegible]
ENE	.1	.9	.7	.7								2.4	7.5
E	.4	.6	1.7	.7	.1							3.[illegible]	8.4
ESE	.2	.5	.9	.9	.2							2.[illegible]	10.3
SE	.1	.2	.9	.8								1.[illegible]	10.2
SSE	.1	.3	.4	.2								.9	7.4
S	.4	1.0	.8									2.2	5.2
SSW	.2	1.4	1.5	.3								4.[illegible]	8.1
SW	.4	1.5	3.4	4.3	.9	.3						11.3	11.2
WSW	.3	2.4	6.9	9.7	2.4	.2						21.9	11.5
W	.9	3.3	8.8	8.7	1.2	.3						23.2	12.2
WNW	.7	2.9	2.6	.5								6.[illegible]	8.7
NW	.5	.9	1.0	.2								2.6	5.4
NNW	.3	.5	.7									1.5	6.2
VARBL	2.2	3.2	.4									5.7	4.2
CALM												3.4	
	7.0	22.1	32.9	28.3	5.1	.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 1105

AD-A088 961 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MORON AB, MORON, SPAIN. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/087

NL



DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-69 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.5	.4								2.1	7.1
NNE	.1	.2	.2									.5	6.4
NE		.3	.6	.2	.1							1.1	9.4
ENE	.1	.6	.2	.1								1.0	5.7
E	.1	.6	.4	.1								1.1	6.7
ESE	.1	.7	1.0	.9	.2							3.0	9.9
SE	.2	.1	.9	.6								1.9	9.7
SSE	.1	.1	.3	.2								.6	8.4
S	.1	.9	.6	.2								1.8	7.2
SSW	.1	.6	2.4	.9	.1	.1						4.3	9.5
SW	.6	3.2	9.3	8.1	1.6	.4						23.1	10.6
WSW	.6	5.2	11.9	12.5	3.0	.4						33.5	10.8
W	.5	3.0	6.8	5.9	1.7	.1						17.9	10.5
WNW	.6	.6	.5	.4								2.0	6.7
NW	.4	.1	.4	.2	.1							1.1	7.8
NNW	.3	.4	.6	.2								1.4	7.1
VARBL	.6	.3										.9	3.2
CALM												2.8	
	4.7	17.8	36.3	30.8	6.7	.9						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
MADRID AB SPAIN — STATION NAME
58-69 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.1									.9	4.5
NNE	.2		.2									.4	5.3
NE		.3	.6									.8	7.0
ENE	.1											.1	2.0
E	.4	.3	.1									.7	4.1
ESE	.5	.3	.1	.1	.2							1.1	7.7
SE	.1	.3	.3									.6	6.0
SSE	.4	.6	.1									1.0	4.1
S	1.9	6.0	4.0	1.3		.1						13.3	6.6
SSW	2.9	9.3	9.3	4.4	1.2							26.9	7.8
SW	2.5	8.0	6.9	4.1	.6							22.0	7.7
WSW	2.0	4.1	4.2	2.7	.2							13.1	7.6
W	.5	2.2	2.7	.9								6.3	7.5
WNW	.3	.4	.7									1.4	6.1
NW	.6	.1	.1									.7	3.3
NNW	.1	.3	.2									.6	6.7
VARBL	.5											.5	2.2
CALM												9.4	
	13.1	32.5	29.4	13.4	2.1	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-69 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.5									1.7	5.3
NNE	.2	.1										.3	3.7
NE	.2	.4	.1									.7	4.5
ENE	.2	.1										.3	3.0
E	.5	.5	.3									1.3	4.1
ESE	2.3	1.0	.1	.2								3.6	3.6
SE	1.7	1.2	.2									3.0	3.6
SSE	1.5	2.2	.7	.1								4.6	4.6
S	4.0	12.5	9.4	1.5								27.4	6.1
SSW	2.1	8.7	6.5	1.6								18.8	6.6
SW	1.7	3.4	2.3	1.5	.1							9.1	6.9
WSW	1.1	1.6	.8	.2								3.7	5.4
W	.9	1.8	.5	.2								3.4	5.3
WNW	.6	.3	.5	.1								1.5	5.4
NW	.4	.3	.1									.8	3.6
NNW	.3	.4	.3	.1								1.1	5.8
VARBL	1.1											1.1	2.3
CALM												17.7	
	19.3	35.2	22.3	5.5	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) — MORON AB SPAIN (STATION NAME) — 58-69 (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	.3	1.2	.2									1.7	4.8
NNE	1.3	1.0	.4									2.7	4.1
NE	.7	.9	.3	.3								2.2	5.8
ENE	.8	.9	.5	.1								2.3	5.3
E	1.8	2.1	.4	.1								4.4	4.4
ESE	3.0	1.3	.5									6.9	3.3
SE	3.4	2.3	.9	.1								6.7	4.2
SSE	2.0	1.7	.8	.2								4.7	4.5
S	2.7	6.5	3.7	.1								13.0	5.4
SSW	1.3	5.9	3.9	1.6								12.6	6.8
SW	1.1	1.9	1.4	.7								5.1	6.7
WSW	.7	1.1	1.0	.1								2.9	5.9
W	.3	.7	.1									1.1	4.5
WNW	.4	.1										.5	2.8
NW	.4											.4	2.5
NNW	.4	.1										.4	3.0
VARBL	1.2	.1										1.3	2.6
CALM												31.3	
	23.7	27.8	14.1	3.2								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.1	.4	.3	.1							3.5	5.0
NNE	1.1	1.9	.8	.1								4.0	5.0
NE	1.8	2.5	1.6	.4	.1							6.3	5.7
ENE	1.2	1.4	1.6	.4								4.6	6.0
E	1.9	1.4	.6	.4								4.4	4.8
ESE	4.0	.9	.1									4.9	2.8
SE	1.3	.6	.4		.1							2.5	4.5
SSE	.4	.9		.2								1.5	4.7
S	2.1	3.3	1.0	.4								6.8	5.0
SSW	1.8	3.4	3.4	1.1								9.7	6.7
SW	.9	2.5	2.0	1.1								6.4	7.0
WSW	.8	1.1	.7									2.5	5.0
W	.8	.4	.3	.1								1.6	4.6
WNW	.4	.4	.2									.9	4.1
NW	.5	.4										1.0	3.1
NNW	.6	.7	.2									1.5	4.4
VARBL	1.9	.1										2.0	2.6
CALM												36.0	
	23.2	22.9	13.3	4.3	.3							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1138

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024	MORON AB SPAIN	58-70	JUL
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	1.9	2.9	.7									5.5	4.4
NNE	.9	3.2	1.3	.6								6.0	6.2
NE	1.1	2.4	2.2	.2								5.8	6.1
ENE	.5	2.2	1.4	.3	.1							4.4	6.6
E	.4	.7	.8	.5								2.5	7.6
ESE	.6	.6	.3	.2								1.6	5.5
SE	.3	.3	.3	.2								.9	6.6
SSE	.4											.4	2.4
S	.8	1.5	.3	.1								2.7	5.1
SSW	.3	1.9	2.2	.8								5.2	7.7
SW	.d	3.4	4.3	1.6								10.2	7.6
WSW	.9	3.3	4.6	.8	.1							9.7	7.1
W	1.8	3.8	1.9	.9								8.5	5.9
WNW	1.9	1.4	.2									3.4	3.9
NW	1.7	1.2	.3	.1								3.2	3.9
NNW	.9	1.6	.3									2.9	4.1
VARBL	9.1	3.4	.2									12.6	3.0
CALM												14.6	
	24.3	33.6	21.2	6.3	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1182

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) | TORDN AB SPAIN (STATION NAME) | 58-70 (YEARS) | JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	.8	.2								4.1	5.X
NNE	.4	.9	.8	.3								2.4	6.5
NE	.3	.8	.7	.1								1.9	6.4
ENE		.1	.8	.3								1.3	9.5
E	.3	1.1	1.0	.6								3.0	7.4
ESE	.2	.3	.5	.8								1.X	9.3
SE	.1	.4	.6	.1								1.2	7.1
SSE	.5	.7	.3	.1								1.6	5.3
S	.5	1.4	1.1	.3								3.2	6.2
SSW	.6	1.4	2.1	.1								4.7	6.4
SW	.3	3.8	5.5	3.1	.4							13.2	8.7
WSW	.6	4.0	7.6	3.6	.3							16.0	8.8
W	.7	6.7	8.4	2.3	.2							18.2	7.7
WNW	.6	2.9	2.2	.3								5.9	6.6
NW	.4	1.2	.7	.1								2.4	5.8
NNW	.6	1.6	.4	.1								2.7	5.0
VARBL	3.3	8.4	1.0									12.7	4.5
CALM												4.X	
	10.6	37.6	34.5	12.1	.8							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1182

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
JUL — 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	1.2	.8	.2								2.3	6.7
NNE	.3	.5	.4									1.1	5.3
NE	.3	.3	.7	.3								1.5	7.7
ENE	.3		.5									.8	6.9
E	.2	.4	.8	.4								1.8	8.0
ESE	.1	.4	.6	.4	.1							1.6	9.3
SE	.1	.4	.4	.5								1.4	9.1
SSE		.4	.2									.5	6.0
S	.1	.9	.6	.2								1.8	7.0
SSW	.3	.8	1.6	.5	.3							3.4	8.9
SW	.2	2.0	6.0	4.4	.8							13.3	10.3
WSW	.3	3.1	14.0	7.6	1.3							26.2	10.0
W	.5	5.2	12.1	7.8	.3							26.5	9.4
WNW	.1	2.5	2.1	.7	.1							5.4	7.6
NW		1.7	1.2	.4								3.2	7.2
NNW	.1	.5	.5	.2		.1						1.4	8.4
VARBL	.9	4.6	.5									6.0	4.7
CALM												1.7	
	3.6	24.7	43.0	23.5	3.4	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1139

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024	MORON AB SPAIN	58-69	JUL
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	.2	.2									.4	6.0
NNE	.4		.4	.3								1.0	7.8
NE	.2	.6	.3									1.1	5.3
ENE		.4	.3	.1								.8	7.2
E		.6	.2	.3								1.1	8.0
ESE	.2	.1	.6	.2	.2							1.3	9.9
SE		.5	.4	.4								1.4	9.0
SSE		.1	.2	.1								.4	8.8
S		.1	.4	.4								.9	10.6
SSW		1.0	1.6	1.0	.2							3.8	9.6
SW	.3	2.0	9.1	7.6	1.9							20.9	10.7
WSW	.3	2.1	15.2	16.8	1.6	.1						36.1	11.0
W	.3	3.1	9.8	10.4	1.2	.2						24.9	10.7
WNW		.7	.6	.2	.1							1.6	8.1
NW	.2	.8	.3	.2								1.4	6.2
NNW	.2	.2	.4	.1								.8	6.7
VARBL	.6	.4										1.0	3.2
CALM												1.2	
	2.6	12.9	39.9	38.1	5.1	.3						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) — [illegible] AB SPAIN (STATION NAME) — 58-69 (YEARS) — JUL (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		.3	.2									.4	6.0
NNE		.1		.1								.2	8.0
NE		.1										.1	4.0
ENE		.3										.3	4.7
E			.4									.4	8.8
ESE	.4	.6	.2	.1								1.3	5.2
SE	.2	.4	.3				.1					1.0	7.8
SSE	.4	.4	.1									.9	4.4
S	1.3	6.2	5.8	1.2	.1							14.6	6.8
SSW	1.2	8.1	9.1	3.8	.4							22.4	7.9
SW	2.6	9.1	12.2	4.8	.1							28.2	7.8
WSW	.4	5.3	6.2	2.9	.1							14.8	8.0
W	.7	2.5	3.0	1.2								7.4	7.4
WNW	.4	.4	.3									1.1	5.3
NW	.3	.2	.3									.7	5.4
NNW	.3	.5		.4								1.2	6.0
VARBL	.6	.1										.7	2.8
CALM												4.2	
	8.1	34.7	38.0	14.3	.6		.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — MORON AB SPAIN — 58-70 — —
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.4									1.3	5.1
NNE	.4		.1									.4	3.6
NE	.4		.1									.4	3.4
ENE	.3	.4	.1	.2								.9	6.1
E	1.4	.5	.5	.3								2.8	5.0
ESE	2.0	.9	.2		.1							3.2	3.4
SE	1.5	1.1	.2									2.8	3.7
SSE	1.9	1.3	.2	.1								3.4	3.7
S	2.4	11.2	10.4	3.1								27.1	7.0
SSW	2.3	8.4	9.8	1.6								22.4	6.8
SW	.8	3.8	1.8	.5								7.0	6.2
WSW	1.0	1.5	.7	.1	.1							3.4	5.6
W	1.3	1.0	.7	.2								3.2	4.6
WNW	.3	.4	.2									.9	4.4
NW	.1	.2	.1									.4	5.3
NNW	.2	.3	.3	.1								.8	6.4
VARBL	.9											.9	2.5
CALM												18.2	
	18.3	31.5	25.7	6.2	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1118

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

2

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
58-69 — 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	.7	.6	.1									1.4	3.6
NNE	.5	.9	.3	.2								2.7	5.2
NE	1.6	.9	.6	.3								3.4	5.1
ENE	.6	.4	.1	.4								1.5	6.5
E	1.6	1.3	1.0	.1								4.0	4.7
ESE	3.1	2.0	.6	.1								7.8	3.6
SE	3.2	1.0	.7									4.9	3.7
SSE	1.4	1.3	.2									3.0	3.8
S	2.2	6.5	3.5	.2								12.3	5.6
SSW	1.7	6.6	4.1	1.2								13.6	6.4
SW	1.1	2.4	1.2	.6								5.3	6.2
WSW	.6	.4	.2	.2								1.5	4.7
W	.8	.3	.4	.1								1.5	4.8
WNW	.2	.2	.1									.4	4.8
NW		.3										.3	4.7
NNW		.3										.3	4.7
VARBL	.3											.3	2.2
CALM												36.1	
	22.4	25.3	13.0	3.2								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1116

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.3									2.9	3.9
NNE	1.9	1.8	.5		.1							4.4	4.5
NE	1.7	2.9	.9	.5	.1							6.1	5.8
ENE	1.2	1.8	.9	.5	.1							4.6	6.0
E	2.0	2.2	.6	.1								4.9	4.3
ESE	3.0	1.6	.2									4.7	3.3
SE	1.3	1.1	.4									2.9	4.0
SSE	1.1	1.0	.4									2.4	4.2
S	2.0	3.3	1.8	.4								7.5	5.4
SSW	1.1	3.9	2.4	.8	.3							8.4	6.7
SW	1.0	2.9	2.5	.3								6.8	6.0
WSW	.9	1.8	.6									3.2	5.0
W	.5	.7		.2								1.4	4.9
WNW	.3	.7	.1									1.1	4.3
NW	.1	.5										.6	4.8
NNW	.4	.4	.1									.9	4.0
VARBL	1.1	.3	.2									1.5	3.2
CALM												36.1	
	20.8	28.2	11.7	2.7	.5							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1140

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) | [illegible] AB SPAIN (STATION NAME) | 56-70 (YEARS) | [illegible] (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	2.6	3.2	1.0	.1								7.1	4.5
NNE	1.7	2.4	1.9	.1								6.0	5.6
NE	1.4	2.7	2.1	.5								6.7	6.1
ENE	.8	1.7	2.3	.2								4.9	6.3
E	.8	1.4	.9	1.4	.2							4.6	8.4
ESE	.5	.3	.4	.3	.1							1.5	7.5
SE	.3	.2										.5	3.3
SSE	.3	.2	.1									.5	4.0
S	1.5	.9	.7	.6								3.7	5.8
SSW	.4	1.5	1.5	.8								4.3	7.5
SW	.7	2.6	3.4	2.0	.1							8.8	8.0
WSW	.4	3.2	3.1	.8	.2							7.7	7.2
W	1.8	3.9	1.9	.3	.2							8.0	5.7
WNW	1.3	1.9	.6									3.8	4.6
NW	.8	1.9	.1									2.9	4.2
NNW	1.2	1.3	.3	.1								2.8	4.3
VARBL	5.4	3.9	.2									9.5	3.5
CALM												16.7	
	22.0	33.1	20.4	7.2	.7							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1183

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
TORIJOS AB SPAIN — STATION NAME
58-70 — YEARS
AUG — 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.[illegible]	1.8	.9	.3								4.[illegible]	5.[illegible]
NNE	.4	1.0	1.1									[illegible].[illegible]	5.8
NE	.5	.9	1.2	.2								2.8	6.5
ENE	.3	.6	1.1	.3								2.5	7.2
E	.5	.9	.9	.8	.5	.1						3.7	9.7
ESE	.2	.6	1.0	.5	.1							2.4	9.0
SE	.3	.3	.4	.1								1.[illegible]	6.8
SSE	.6	.5	.2									1.[illegible]	4.1
S	.7	1.5	.3	.2								2.6	4.9
SSW	.4	1.9	1.5	.6	.1							4.6	7.3
SW	.8	2.8	4.5	2.7	.3	.1						11.1	8.7
WSW	.7	3.5	4.6	4.1	.7							13.5	9.3
W	.9	6.1	8.8	2.0	.3							18.1	7.8
WNW	.8	2.7	2.1	.2								5.8	6.0
NW	.7	1.8	.8	.2								3.4	5.6
NNW	.0	2.7	.8									4.2	5.4
VARBL	4.1	5.6	1.2	.3								11.1	4.5
CALM												5.5	
	13.3	35.5	31.4	12.2	1.9	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1180

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) MORON AB SPAIN (STATION NAME) 56-70 (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	.3	1.1	.7	.1								2.2	6.0
NNE	.4	.4	.4									1.3	5.2
NE	.3	.6	.9	.1								1.8	6.7
ENE	.4	.4	.7	.3								1.7	7.4
E	.2	.4	1.8	1.2	.6	.3						4.6	11.6
ESE	.2	.3	1.5	.7	.3							2.9	9.8
SE	.1	.2	.5	.3								1.1	8.4
SSE	.2	.2	.1	.1								.5	5.7
S	.3	1.0	.7									1.9	6.1
SSW	.3	1.4	1.2	.5								3.4	7.4
SW	.3	1.8	4.0	4.2	.6							10.9	10.5
WSW	.4	2.6	6.7	10.5	1.3	.1						21.7	11.2
W	.8	5.5	10.9	7.2	.8	.1						25.2	9.4
WNW	.6	3.2	2.1	.9								6.7	7.0
NW	.2	2.5	1.1	.4								4.1	8.4
NNW	.4	1.3	.9									2.6	5.7
VARBL	.6	3.2	.6	.2								4.6	5.2
CALM												2.6	
	5.8	26.1	34.9	26.5	3.6	.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1142

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1600-2000 (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	.1									.6	5.3
NNE	.2	.1	.3									.5	5.8
NE	.3		.1									.4	4.3
ENE	.2	.4	.2	.1								.8	6.0
E	.4	.4	.9	.4								2.1	7.6
ESE	.2	1.3	.8	1.6	.2							4.1	9.8
SE	.4	.3	.5	.4	.2							1.9	8.8
SSE	.2	.2	.1									.4	4.4
S	.2	.5	.5	.3								1.5	7.2
SSW	.1	1.1	1.8	1.9	.1							4.9	9.7
SW	.3	1.6	6.3	10.1	1.3							19.5	11.4
WSW	.4	2.6	11.9	16.8	2.4							34.1	11.3
W	.3	3.6	9.7	6.7	.9							21.1	9.9
WNW	.3	1.5	.8	.3								2.9	6.6
NW	.2	.9	.3									1.3	5.1
NNW	.4	.4	.4									1.2	4.8
VARBL	.3	.3										.5	3.5
CALM												2.1	
	4.2	15.6	34.6	38.6	5.0							100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1117

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (GRUP AB SPAIN) 48-69 AUG

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	.1	.2										.3	3.7
NNE	.2		.1									.3	4.7
NE													
ENE													
E		.2	.4	.1	.1							.8	9.3
ESE	.3	.3	.5	.6	.2							1.9	9.8
SE	.4	.4	.4	.2	.1							1.5	6.7
SSE	.3	.6	.1									1.0	4.6
S	.6	4.3	4.7	2.0								11.6	7.7
SSW	1.7	7.7	11.4	5.6	.3							26.7	8.2
SW	1.9	6.2	12.5	4.1	.2							24.8	8.0
WSW	1.5	4.6	7.3	2.4	.1							15.9	7.6
W	.7	3.6	2.8	.4	.2							7.7	6.8
WNW	.2	.4	.2									.8	5.3
NW	.3	.6	.1									1.0	4.3
NNW		.4	.2									.5	6.3
VARBL	.8											.8	2.2
CALM												4.4	
	9.0	29.4	40.7	15.5	1.1							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) MADRID AB SPAIN (STATION NAME) 58-69 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.5									2.7	4.5
NNE	.8	.4	.2									1.4	3.7
NE	.4	.4	.1									.9	3.8
ENE	.4	.5	.1	.3								1.2	6.1
E	.7	1.2	.6									2.5	4.8
ESE	2.8	1.1	.2									4.1	3.3
SE	2.1	.9	.6	.1								3.8	4.2
SSE	1.8	1.8	.1									3.6	3.6
S	3.7	10.0	7.4	2.4								23.5	6.4
SSW	1.9	6.0	7.3	2.6	.3	.2						18.3	7.7
SW	.9	2.5	2.1	.7	.1							6.4	6.9
WSW	.5	1.9	1.0									3.3	5.6
W	.6	1.4	.4	.2								2.6	5.2
WNW	.4	.2	.2									.7	4.5
NW	.3	.7	.2	.1								1.3	5.4
NNW	.2	.4	.1									.8	4.3
VARBL	.4	.1										.5	2.8
CALM												22.8	
	19.0	30.5	21.0	6.4	.4	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) MURON AB SPAIN (STATION NAME) 58-69 (YEARS) SEP (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	.6	.1									1.3	3.8
NNE	1.3	.7	.1	.1								2.2	4.1
NE	1.2	1.2	.4	.2								3.0	4.6
ENE	.9	1.1	.6	.2								2.8	5.0
E	2.3	2.6	.6									5.5	4.3
ESE	4.5	1.7	.5									6.7	3.3
SE	3.8	1.8	.5									6.0	3.5
SSE	1.3	1.4	.2									2.9	3.8
S	2.1	8.5	3.7	.7	.1							15.2	6.0
SSW	1.9	4.0	5.2	.8	.1							12.0	6.8
SW	.5	1.7	2.3	.8	.1							5.4	8.0
WSW	.4	1.1	.6	.6								2.7	7.3
W	.4	1.0	.2	.3								1.9	5.7
WNW	.3	.1	.1	.1								.6	5.3
NW	.4	.1										.5	3.0
NNW	.1	.1										.2	3.5
VARBL	.2	.1										.3	3.0
CALM												31.1	
	22.2	27.7	14.8	3.9	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024	TORREJON AB SPAIN	58-70	SEP
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	.5	.5										1.0	3.5
NNE	1.8	1.1	.2									3.1	3.6
NE	2.3	2.1	.5	.5								5.4	4.7
ENE	1.5	1.6	1.8	.5	.1							5.4	6.4
E	2.2	2.5	.6	.3								5.5	4.7
ESE	3.5	1.5	.2									5.4	3.2
SE	2.4	1.2	.1									3.6	3.3
SSE	1.3	1.2	.4									2.8	4.2
S	1.5	4.5	2.3	.5	.1	.1						9.0	6.0
SSW	1.4	5.1	4.3	.9		.1						11.7	6.7
SW	1.	1.9	2.4	.6	.1							6.0	7.0
WSW	.5	.7	1.0	.3								2.5	6.5
W	.7	1.3	.2	.1	.1							2.4	5.3
WNW	.5	.4		.1								.9	4.5
NW	.2	.1		.1	.1							.5	8.8
NNW	.5											.5	1.8
VARBL	.3											.3	2.0
CALM												34.2	
	21.9	25.7	13.9	3.7	.5	.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1101

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) — TORREJON AB SPAIN (STATION NAME) — 58-70 (YEARS) — SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	.7	.1								3.9	4.8
NNE	2.0	2.2	1.1	.2								5.1	4.8
NE	1.1	1.9	1.9	.5								5.6	6.3
ENE	1.6	1.7	2.2	.6								6.0	6.2
E	1.1	1.2	1.5	.9	.3							5.0	7.5
ESE	.7	.3	.6	.2								1.8	5.7
SE	.3	.4	.3	.3								1.3	7.3
SSE	.3	.4										.8	3.8
S	1.1	.8	.9	.2								3.0	5.6
SSW	.8	1.3	2.7	1.1	.2	.1						6.2	8.3
SW	.6	2.9	4.0	2.7	.2							10.4	8.5
WSW	1.3	3.2	2.9	1.9	.1	.1						9.5	7.7
W	1.6	3.0	1.4	.2	.1	.1						6.3	5.7
WNW	1.1	1.2	.5									3.1	4.2
NW	1.0	1.3	.3									2.6	4.0
NNW	1.2	1.7	.1									3.0	4.0
VARBL	3.8	3.1	.5	.1								7.6	3.9
CALM												17.7	
	22.0	28.6	23.6	9.0	.8	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1143

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
56-70 — 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	.8	1.8	.5	.1								3.2	5.1
NNE	.5	1.1	.6	.2								2.4	5.8
NE	.7	1.2	1.0	.3								3.2	6.6
ENE	.1	.7	1.0	.4								2.2	7.9
E	.4	1.0	1.0	1.0	.2							3.6	8.7
ESE	.5	.3	.3	.8	.1							2.0	9.0
SE	.5	.3	.7									1.6	5.4
SSE	.3	.4	.2	.1								1.0	5.5
S	.8	2.0	.5	.1								3.4	4.9
SSW	.6	1.9	1.5	1.0	.2							5.2	7.9
SW	.9	2.6	2.5	2.6	1.0	.1						9.8	9.5
WSW	.7	3.4	4.8	3.6	.9							13.4	9.7
W	1.6	6.0	6.5	1.7	.8	.3						17.0	8.1
WNW	.3	2.6	1.2	.4								4.6	6.6
NW	.6	1.7	.9	.1								3.3	5.6
NNW	.7	1.1	.8	.1								2.7	5.5
VARBL	3.6	6.4	1.3	.2								11.5	4.6
CALM												7.8	
	13.6	34.8	25.5	14.7	3.1	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1143

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) | MORON Ab SPAIN (STATION NAME) | 58-70 (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	.3	1.4	.5	.2								2.4	5.9
NNE	.1	.5	.6	.2								1.4	7.4
NE		1.6	.7	.3								2.6	6.6
ENE	.3	.5	.8	.5								2.2	8.2
E	.4	.3	1.8	1.0	.2	.1						3.7	10.2
ESE	.2	.5	.7	.7	.2							2.3	9.4
SE	.3	.4	.4	.1								1.1	6.3
SSE	.1	.1	.5									.6	7.1
S	.5	.5	.7	.3	.1							2.2	7.0
SSW	.3	.8	1.6	1.2	.2							4.1	9.5
SW	.8	1.4	2.7	5.0	1.1							11.0	10.8
WSW	.5	3.0	5.2	10.5	1.7	.1						21.1	11.3
W	1.3	5.7	8.6	6.5	.6	.3						23.0	9.3
WNW	1.1	2.2	2.6	.6	.1							6.5	6.9
NW	.1	1.0	1.2	.2								2.4	7.5
NNW	.5	.9	.2									1.6	4.6
VARBL	2.6	3.4	.4									6.4	4.0
CALM												5.3	
	9.2	24.3	29.3	27.2	4.2	.5						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1105

DATA PROCESSING DIVISION
USAFETAC/USAF
2 [illegible] AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1600-2000 — 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	.3	.2	.4									.9	5.6
NNE	.3	.4	.4									1.1	5.8
NE	.1	.3	.2	.1								.7	6.9
ENE	.4	.4	.4	.3								1.4	6.3
E	.7	1.0	1.2	.4	.1							3.4	6.8
ESE	.1	.4	.9	.9	.2							2.5	10.7
SE	.4	.8	.7	.2								2.1	6.5
SSE	.2		.4									.7	6.5
S	.2	.6	.6	.3	.1							1.8	8.0
SSW	.8	.7	2.4	1.4								5.4	8.2
SW	.5	1.7	7.1	7.4	1.3							17.9	10.9
WSW	.6	2.9	10.5	16.1	1.2							31.2	11.0
W	1.2	5.4	7.1	6.2	.4							20.2	9.0
WNW	.6	1.5	.6	.2	.1							3.0	6.2
NW	.3	.7	.6	.3								1.8	7.2
NNW	.4	.4	.2									.9	4.7
VARBL	.1											.1	2.0
CALM												5.1	
	6.9	17.3	33.7	33.6	3.3							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1082

AT... PR... [illegible]
...AC/USAF
...R EAT... [illegible]

2

SURFACE WINDS

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

13024 — STATION
...RE... AB SPAIN — STATION NAME
52-69 — YEARS
SEP — 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	.3	.3	.1	.1								.7	5.1
NNE	.3	.1	.2									.6	4.8
NE	.4	.2	.1									.6	4.3
ENE	.1	.1	.1	.1								.4	5.8
E	.4	.5	.4									1.3	5.1
ESE	1.1	.8	.7	.1	.1							2.7	5.5
SE	.0	.2	.9									1.1	5.8
SSE	.5	.5	.1									1.0	4.0
S	1.8	4.8	6.3	1.6	.2	.1						14.9	7.4
SSW	2.	8.1	12.0	3.8	.1							26.0	7.7
SW	2.	4.9	8.9	4.2	.2							20.2	8.2
WSW	1.2	3.5	4.3	1.2								10.2	7.4
W	1.8	2.7	1.9	.7								7.1	5.1
WNW	.6	.6	.4	.1								1.6	5.4
NW	.4	.1	.3	.1								.8	6.2
NNW	.1	.1										.2	4.0
VARBL	.3	.1										.4	2.5
CALM												9.4	
	13.9	27.4	36.7	11.9	.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
CT — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.6	.3									1.[illegible]	4.0
NNE	1.0	1.1	.7	.1								3.[illegible]	4.7
NE	1.3	1.4	.7	.3								3.[illegible]	5.3
ENE	.7	1.3	1.3	.1								3.4	5.6
E	1.3	1.6	1.0	.1								3.[illegible]	5.2
ESE	3.5	1.6	.4	.3	.1	.1						6.[illegible]	4.5
SE	2.3	1.3	.7	.2								4.6	4.4
SSE	2.1	1.6	.8	.2								4.7	4.7
S	2.6	7.5	5.6	1.4	.2		.1					17.4	6.6
SSW	1.2	3.7	3.0	1.0	.5							9.4	7.5
SW	.6	1.7	1.6	.6	.1							4.7	7.1
WSW	.6	1.0	1.2	.6	.1	.1						3.6	7.9
W	.6	1.2	.8	.3	.2							3.[illegible]	6.8
WNW	.3	.5	.2	.1								1.1	5.2
NW	.4	.5	.1									1.1	4.3
NNW		.4	.2									.5	6.2
VARBL	.2											.2	2.5
CALM												27.4	
	20.3	27.1	18.5	5.2	1.2	.2	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1117

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.6	.2	.1								1.7	4.6
NNE	1.3	1.4	.5	.1								3.3	4.6
NE	1.6	1.5	1.1	.2								4.5	4.9
ENE	1.5	2.2	.9	.8								4.9	6.2
E	1.7	2.2	1.3	.5								5.7	5.6
ESE	3.5	.6	.7	.3								5.1	4.2
SE	1.8	1.7	.7	.2								4.4	4.7
SSE	1.3	1.2	.4									2.9	3.9
S	2.1	4.9	3.2	1.3		.1						11.6	6.8
SSW	1.2	3.0	2.9	.8	.1	.1						8.1	7.0
SW	1.[illegible]	1.9	1.8	.5	.1							5.3	6.6
WSW	.7	1.1	.9	.4	.1							3.1	6.6
W	.5	.7	.5	.2								2.0	6.2
WNW		.2	.1	.1		.1						.4	11.8
NW	.1	.6	.1									.8	4.7
NNW		.3										.3	5.0
VARBL	.2											.2	2.5
CALM												35.6	
	18.9	24.3	15.2	5.5	.3	.3						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1117

1
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0900-0800 — 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	.6	.2	.6									1.6	4.7
NNE	1.7	1.1	.8									3.6	4.4
NE	2.2	2.4	2.2	.2								6.9	5.4
ENE	1.6	2.5	1.8	1.0								6.9	6.4
E	1.7	2.0	1.9	.4								6.1	5.0
ESE	1.6	1.7	.8			.1						4.4	4.8
SE	.9	1.0	.3									2.1	4.3
SSE	.9	.7	.5									2.1	4.9
S	1.6	4.3	3.1	1.3		.1						10.4	6.9
SSW	1.5	3.4	2.6	.8	.1							8.4	6.5
SW	.6	1.1	1.5	.6		.1						3.9	7.9
WSW	.4	1.1	.7	.6								2.8	7.3
W	.4	.4		.3								1.0	6.2
WNW		.1	.1	.2								.4	10.0
NW	.4	.3										.6	3.9
NNW	.1	.2										.3	3.7
VARBL	.4	.3		.1								.8	4.4
CALM												37.8	
	16.6	22.7	17.0	5.4	.1	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1138

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) — SORDA AB SPAIN (STATION NAME) — 58-70 (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	2.2	2.0	.6	.3								5.1	4.5
NNE	1.6	1.9	1.7	.5								5.7	6.1
NE	1.1	3.1	3.0	1.2	.3	.1						8.8	7.7
ENE	1.3	2.1	2.4	2.2	.2							8.1	8.0
E	1.0	1.3	1.3	1.3								4.9	7.4
ESE	.3	.8	.4	.4	.1							2.1	7.3
SE	.2	.4	.2	.4								1.2	7.8
SSE	.7	.3	.8	.1	.1							1.9	6.7
S	1.1	1.5	2.0	1.9	.8	.2	.1					7.7	9.8
SSW	.7	1.8	1.3	1.4	.8	.1						6.0	9.4
SW	.6	1.8	2.7	1.1	.8							7.0	8.5
WSW	.7	2.4	1.9	.8	.5							6.3	7.9
W	1.1	2.5	.8	.6	.2							5.2	6.1
WNW	.7	.3	.1									1.0	3.3
NW	.5	.9	.4	.1	.3							2.2	6.8
NNW	.8	.9	.1	.1								1.9	4.4
VARBL	3.0	1.4	.8	.1	.2							5.5	4.7
CALM												19.5	
	17.7	25.4	20.3	12.5	4.1	.3	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1184

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

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	.6	.5	.1							4.5	5.8
NNE	.5	1.3	1.1	.4		.1						3.4	7.0
NE	.6	1.7	2.3	1.0	.5							6.1	8.5
ENE	.4	1.4	1.7	1.2	.4							5.1	9.0
E	.8	1.4	1.3	.9	.1							4.5	8.0
ESE	.3	.3	.8	.7	.1							2.2	9.6
SE	.2	.2	.6	.3	.1							1.4	9.4
SSE	.3	.3	.3	.4								1.4	8.3
S	.6	1.6	1.1	1.6	.8	.7						6.4	11.2
SSW	.5	1.4	1.1	.6	.8	.1						4.5	9.6
SW	.3	1.3	2.0	1.9	1.2	.5						7.2	11.6
WSW	.6	2.3	3.9	2.5	.8	.2						10.2	9.5
W	.9	4.2	4.1	1.7	.8	.3						12.0	8.5
WNW	.3	1.6	1.1	.2	.1							3.2	6.5
NW	.8	.7	.7	.1	.1							2.4	5.6
NNW	.1	1.8	.3									2.7	4.6
VARBL	5.5	3.6	1.8	.7								11.6	4.7
CALM												11.3	
	14.6	27.0	24.8	14.7	5.8	1.8						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1182

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024	[illegible] AB SPAIN	58-70	CT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1600-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.2	1.3	.3								[illegible].[illegible]	[illegible].[illegible]
NNE	.3	.[illegible]	1.1	.[illegible]								2.[illegible]	[illegible].[illegible]
NE	1.[illegible]	1.9	1.7	1.0	.1							5.6	7.4
ENE	1.[illegible]	1.1	.8	1.4	.1							4.5	7.9
E	.3	1.0	1.5	2.0	.2							4.9	9.9
ESE	.3	.4	1.2	1.0	.3							3.4	9.9
SE	.3	.5	.3	.2	.1							1.5	7.3
SSE		.1	.3	.2								.5	9.0
S	.1	.8	1.4	1.6	.5	.1						4.5	11.3
SSW	.1	1.0	1.3	.9	1.0	.2						4.5	11.5
SW	.4	1.6	1.5	4.7	1.4	.4						10.0	12.2
WSW	.3	2.7	4.6	4.6	1.5	.1						14.0	10.5
W	1.5	5.5	5.0	2.2	.7	.2	.1					15.1	8.1
WNW	.9	2.1	1.4	.3	.1							4.8	6.2
NW	.6	1.1	.7	.1								2.5	5.7
NNW	1.2	1.8	.5	.5								4.1	5.5
VARBL	2.4	1.5	.3	.4								4.7	4.7
CALM												[illegible].[illegible]	
	11.9	25.1	25.0	22.3	5.9	1.0	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1146

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

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
CT — 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	.4	.7	.7	.2								2.1	5.5
NNE	.9	.6	.6									2.3	5.2
NE	.5	.4	1.1	.1								2.1	6.8
ENE	.3	.5	.9									1.7	6.4
E	.8	2.4	1.6	.7								5.6	6.4
ESE	2.3	1.8	1.3	.3	.2							5.9	5.5
SE	1.6	.7	.6	.5	.1							3.6	6.1
SSE	.4	.8	.4	.1								1.7	6.1
S	.4	2.2	2.2	1.2	.3	.1						6.4	8.5
SSW	.4	2.2	2.6	2.2	.6	.3						8.4	9.9
SW	.8	3.8	4.7	3.7	.5	.3						13.8	9.1
WSW	1.8	3.2	5.8	4.6	.2							15.6	8.6
W	1.3	2.9	2.3	1.3	.2							8.1	7.4
WNW	.8	.8	.5	.2								2.3	5.3
NW	.5	.7	.6									1.9	5.4
NNW	.4	.4	.6									1.5	5.6
VARBL	.2											.7	2.5
CALM												16.9	
	14.1	24.6	26.7	15.0	2.1	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1117

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024	MORON AB SPAIN	58-69	OCT
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	1.6	.7	.2									2.5	3.5
NNE	.6	.4	.2									1.2	4.1
NE	.8	.3	.3	.1								1.4	4.2
ENE	.7	1.1	.6									2.4	5.1
E	1.5	2.3	1.3	.3								5.3	5.4
ESE	2.7	1.6	.5	.2	.2	.1						5.3	5.0
SE	1.6	.9	.3	.4	.2							3.4	5.7
SSE	1.1	1.4	.5		.1							3.1	4.8
S	1.7	7.3	5.2	2.2	.4	.3						17.0	7.4
SSW	1.9	6.1	4.6	1.7	.3	.2						14.7	7.3
SW	.5	3.9	1.5	1.3	.2	.1						7.5	7.5
WSW	.9	2.7	1.3	.9	.2	.1						6.0	7.4
W	.4	1.9	1.3	.4								4.0	6.9
WNW	.2		.3	.1								.5	6.5
NW	.4	.5	.1	.2								1.2	5.8
NNW	.3	.5	.2									1.0	5.3
VARBL	.2											.2	2.5
CALM												23.0	
	17.0	31.5	18.4	7.8	1.5	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-69 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.3									1.6	4.5
NNE	1.8	1.5	.5	.1								3.8	4.3
NE	.8	1.8	1.1	.3								4.0	5.9
ENE	1.0	1.1	2.2	.3								4.6	6.4
E	2.0	1.8	1.6	.2								5.6	5.3
ESE	2.9	1.8	.5	.3								5.4	4.1
SE	2.6	1.5	.4		.1							4.7	3.7
SSE	1.7	1.8	.4	.2								3.9	4.8
S	2.4	6.4	5.7	2.0	1.0		.1					17.6	7.4
SSW	1.6	2.8	3.9	.9	.4	.3	.2					10.0	8.2
SW	.7	2.3	1.7	.8								5.6	6.7
WSW	.7	.7	1.3	.4	.2							3.3	7.7
W	.5	.6	.6	.3	.2							2.0	7.7
WNW	.4	.2	.5	.1								1.1	6.3
NW	.2		.2	.2								.6	7.8
NNW	.2	.2	.1									.5	4.0
VARBL		.1										.1	5.0
CALM												26.2	
	19.7	25.0	20.7	5.9	1.9	.3	.3					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1076

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (PORT OF SPAIN) — STATION / STATION NAME

56-69 — YEARS

[illegible] — 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	.4	1.2	.3									1.9	4.8
NNE	1.3	1.2	1.1									3.6	5.2
NE	1.1	2.6	2.0	.4								6.1	5.9
ENE	1.4	2.3	2.7	.0								7.8	6.3
E	2.2	1.9	1.1	.3								5.6	4.9
ESE	2.2	1.8	.4									4.4	3.8
SE	2.6	1.2	.5									4.3	3.7
SSE	1.5	1.4	.6	.4	.1							3.9	5.6
S	2.3	5.4	4.5	1.7	.5	.2						14.6	7.2
SSW	1.9	2.4	2.0	2.0	.6	.1						9.0	8.3
SW	.7	1.7	1.4	1.0	.1							4.9	7.5
WSW	.2	.8	.9	.6								2.6	8.2
W	.3	.5	.2	.1								1.0	6.0
WNW	.4	.5	.1									.9	4.0
NW	.4	.3	.1	.1								1.0	4.6
NNW	.3	.3	.2	.1								.8	5.7
VARBL	.3											.3	2.0
CALM												27.9	
	19.6	25.6	18.1	7.2	1.2	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1077

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 (STATION) MADRID AB SPAIN (STATION NAME) 58-70 (YEARS) NOV (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	.7	2.1	.2									3.0	4.4
NNE	1.3	1.5	2.2	.1								4.1	5.3
NE	1.8	3.0	2.5	.8								8.1	5.3
ENE	1.5	2.2	2.7	.7								7.1	5.5
E	1.4	2.5	.8	.1								4.7	4.7
ESE	1.3	1.5	.2									3.0	3.8
SE	1.5	1.0	.1		.1							2.8	3.9
SSE	1.2	1.1	.6	.5								3.4	6.1
S	3.3	5.4	4.2	2.1	.9							15.9	7.2
SSW	1.3	2.5	3.0	1.5	.9							9.2	8.4
SW	.5	1.6	1.5	1.3	.1							5.0	8.0
WSW	.3	.4	.6	.5								1.8	8.2
W	.5	.5	.1	.1								1.2	4.7
WNW	.2	.1										.3	3.0
NW	.4	.4										.7	3.6
NNW	.4	.3										.6	3.1
VARBL	.4	.1										.5	2.8
CALM												28.2	
	17.3	26.2	18.6	7.6	2.0							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1101

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024	[illegible] AB SPAIN	58-70	[illegible]
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	1.6	1.9	.6	.2								4.3	4.9
NNE	2.2	2.1	2.5	.4								7.2	5.8
NE	1.2	4.3	4.7	1.8								12.1	7.4
ENE	1.1	1.6	3.3	1.7	.1							8.0	8.0
E	.6	.9	1.2	.5								3.3	6.9
ESE	.5	.7	.3	.1	.1							1.7	5.7
SE	.4		.5	.3								1.1	7.5
SSE	.6	.5	.4	.2	.2	.1						2.1	7.3
S	1.6	1.4	2.5	2.5	1.1	.4						9.6	10.3
SSW	1.1	3.1	3.0	3.6	.6	.4	.1					11.9	9.7
SW	.4	2.3	2.9	1.6	.4	.1	.1					7.7	8.9
WSW	.6	1.2	1.8	1.6	.3	.1						5.6	9.0
W	.6	.9	1.1	.3								2.9	6.6
WNW	.7	.4										1.1	3.3
NW	.5	.4	.2									1.1	4.8
NNW	.4	.2	.2	.1								.9	4.8
VARBL	1.1	.6	.1									1.8	3.6
CALM												17.8	
	15.6	22.6	25.5	14.8	2.7	1.0	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1138

1
2

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
56-70 — YEARS
[illegible] — 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	1.2	3.2	1.1	.4								6.[illegible]	5.5
NNE	1.[illegible]	2.8	2.7	1.1								7.[illegible]	7.1
NE	.9	3.4	4.2	1.8								10.[illegible]	7.5
ENE	.5	.9	1.8	2.2	.1							5.5	9.4
E	.5	.4	1.1	1.0	.1							3.1	8.3
ESE	.1	.4	.5									1.0	6.4
SE		.2	.1	.4	.1							.7	12.0
SSE	.1	.2	.4	.3	.1	.2						1.[illegible]	11.5
S	.4	.7	1.4	3.0	.8	.5	.1					6.[illegible]	12.7
SSW	.6	1.1	1.1	2.7	.6	.4	.1					6.6	11.9
SW	.6	1.7	3.1	3.3	.9	1.1	.3					10.9	12.2
WSW	1.1	1.9	4.0	3.1	.5	.2	.1					10.9	9.4
W	1.[illegible]	3.2	3.3	1.3	.3							9.[illegible]	7.6
WNW	.7	1.5	.4	.4								3.[illegible]	6.1
NW	.7	1.3	.5									2.[illegible]	4.8
NNW	.3	.6	.3									1.1	5.2
VARBL	2.6	1.3	.4	.4								4.[illegible]	4.3
CALM												[illegible].9	
	12.[illegible]	24.7	26.4	21.3	3.4	2.4	.5					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1136

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

2

SURFACE WINDS

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

13024 — [illegible] SPAIN — 58-70 — [illegible]
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	1.2	.2								4.6	5.2
NNE	1.3	2.7	1.9	.4								6.3	6.0
NE	.6	3.3	2.9	1.5	.1							8.5	7.4
ENE	.9	1.1	1.7	1.2	.1	.1						5.1	8.1
E	.5	1.1	1.2	.8	.1							3.7	7.9
ESE	.2	.4	.3	.2								1.0	6.5
SE	.1	.4	.2		.1							.7	7.0
SSE	.3	.2	.9	.2	.1							1.4	8.1
S	.2	.6	1.5	2.3	.9	.2	.1					5.7	12.3
SSW	.5	.6	2.5	2.2	.7	.4	.1					7.0	11.5
SW	.9	2.6	3.9	3.3	.6	.2	.4					11.9	10.7
WSW	1.4	3.4	4.5	2.0	.9	.5	.1					12.6	9.1
W	1.9	2.9	2.2	1.7	.5	.3						9.5	7.9
WNW	.8	1.2	.8	.4								3.0	6.3
NW	.5	.9	.2									2.1	4.8
NNW	.1	1.7	.2	.2								2.8	5.0
VARBL	1.5	.8	.2	.2								2.6	4.1
CALM												11.1	
	13.7	26.2	26.2	16.5	4.2	1.5	.6					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1101

DATA PROCESSED [illegible]
TAC/USAF
[illegible] WEATHER SERVICE/TAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1022a	[illegible] AB SPAIN	55-69	V

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T.): 1800-2000

SPEED (KNTS) DIR.	1 - 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	.9	.9									2.2	5.8
NNE	1.	1.3	.3									2.6	4.3
NE	.8	1.5	.5	.6								3.4	6.1
ENE	.7	1.5	2.1	.6								5.0	7.2
E	1.7	2.1	2.0	.5								6.3	5.9
ESE	1.0	1.7	.7	.1	.2							4.4	5.1
SE	1.8	1.3	.6	.3								4.0	4.8
SSE	1.2	.7	.6	.2								2.8	5.2
S	1.9	3.0	3.2	2.2	.7	.4						12.1	8.4
SSW	1.3	2.9	3.4	1.9	.1	.3	.1					9.9	8.4
SW	1.0	4.4	3.0	1.0	.4	.2		.1				11.8	7.9
WSW	.5	1.9	2.6	1.4	.1	.1		.1	.1			6.8	9.0
W	.8	1.7	1.4	.6								4.5	6.7
WNW	.4	.4	.3	.2	.1							1.3	6.7
NW	.7	.4	.1	.1	.1							1.4	5.3
NNW	.2	.6	.2									.9	5.2
VARBL	.2											.2	2.0
CALM												20.4	
	17.1	26.9	22.0	10.6	1.7	.9	.1	.2	.1			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1080

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

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
68-69 — 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	1.1	.6	.1									1.8	3.4
NNE	1.1	1.2	.4									2.7	4.1
NE	.9	1.9	1.1	.4								4.3	5.1
ENE	.7	1.3	1.3	.4								3.7	6.4
E	1.7	3.1	1.8	.6								7.2	5.9
ESE	2.8	2.1	.6	.3								5.7	4.3
SE	2.4	1.6	.6	.3								4.9	4.5
SSE	2.3	1.2	.4	.4								4.3	4.7
S	2.5	4.9	4.9	1.6	.6	.4	.1					15.0	7.8
SSW	1.3	2.7	4.0	1.4	.3	.2	.1					9.9	8.3
SW	.9	3.2	1.9	1.2		.1						7.4	7.1
WSW	.8	1.4	1.8	.7	.2	.1	.1	.2				5.3	9.6
W	.7	.8	.6	.4	.3							2.9	7.4
WNW		.4	.5	.1								.9	7.7
NW		.3	.2									.5	5.8
NNW	.2	.3										.5	3.8
VARBL	.2											.2	2.5
CALM												23.8	
	19.2	26.9	19.9	7.0	1.4	.7	.3	.2				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024	[illegible] AB SPAIN	58-69	DEC
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	.7	1.1	.1	.3								2.2	5.1
NNE	2.2	2.4	.3	.1								4.9	3.9
NE	1.6	2.7	1.0	.6								6.1	5.7
ENE	.9	1.7	1.1	.4								4.0	5.9
E	1.6	1.4	1.2	.4								4.6	5.3
ESE	3.0	1.3	.5			.1						4.9	4.0
SE	2.4	1.3	.1									3.8	3.2
SSE	1.5	1.0	.4									3.5	3.9
S	2.2	4.1	3.2	1.5	.4			.2				11.6	7.4
SSW	.9	2.6	2.6	1.5	.4	.3	.2	.1				8.7	9.5
SW	.2	1.9	1.3	2.4	.4	.4	.1					6.8	11.2
WSW	.4	1.5	1.3	2.8	.4	.3						6.5	10.4
W	.3	1.0	1.7	.5	.2	.1	.1	.1				3.9	10.0
WNW	.1	.2	.2									.4	5.2
NW	.3	.4	.1		.1							.8	5.9
NNW	.4		.2									.6	4.4
VARBL	.4	.2										.5	2.8
CALM												26.0	
	19.2	25.4	15.3	10.5	1.8	1.2	.4	.4				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1116

AIR PROJECTION DIVISION
ETAC/USAF
FIELD TEST BASE (ILW) AC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1[illegible]24	[illegible] SPAIN	56-69	FEB

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	.4									3.4	4.6
NNE	2.5	2.9	.4	.2								5.9	4.3
NE	1.5	3.8	1.7	.9								7.8	6.0
ENE	1.2	2.1	1.1	.1								4.4	5.2
E	1.9	1.3	1.0	.1								4.2	4.8
ESE	2.2	1.4	.4									3.7	3.6
SE	1.6	.6	.2	.2								2.8	3.9
SSE	1.0	1.2	.2									3.0	3.8
S	.9	3.1	2.5	1.3	.6				.1			8.5	8.5
SSW	.8	2.8	3.0	1.9	.4	.3		.3				9.3	9.5
SW	.4	2.1	2.2	1.0	.1	.2	.1	.2				6.9	9.9
WSW	.3	1.1	1.9	2.2	.5		.3					6.3	11.4
W	.4	.2	1.6	.5	.1	.2	.1					3.1	10.1
WNW	.1	.1			.1			.1				.4	15.3
NW	.2	.1	.1									.4	5.0
NNW	.7	.7	.2									1.6	4.1
VARBL	.2	.2										.4	3.3
CALM												27.8	
	17.8	25.3	16.8	8.9	1.8	.6	.4	.5	.1			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.4									3.2	4.2
NNE	2.6	3.2	.8	.2								6.8	4.6
NE	2.8	3.9	2.1	.4								9.2	5.4
ENE	2.2	2.1	1.9	.4								6.7	5.6
E	2.1	1.4	1.0									4.5	4.4
ESE	1.3	.6	.4	.2								2.5	4.5
SE	1.6	.5	.1	.2								2.4	4.6
SSE	.9	1.1	.4	.2								2.5	4.9
S	1.3	3.4	2.8	1.7	.7							9.9	8.0
SSW	.5	2.1	3.2	1.5	.7			.2				8.3	9.8
SW	.2	2.1	1.8	2.2	.4	.1	.3	.1				7.1	10.8
WSW		1.3	1.2	1.3	.1	.1	.3	.1				4.4	11.4
W	.5	.4	.7	.6	.2	.2						2.5	9.7
WNW	.2	.1	.1				.1					.4	9.4
NW	.1	.1	.1									.3	5.3
NNW	.3	.6										.9	4.1
VARBL	.4	.1										.5	2.7
CALM												27.9	
	18.3	24.4	17.1	8.9	2.0	.4	.6	.4				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1139

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

13024 — STATION
SOBRADO AB SPAIN — STATION NAME
56-70 — 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	1.3	2.1	.7	.3								4.4	5.3
NNE	1.7	3.9	1.7	.5								7.8	5.6
NE	2.1	3.8	7.6	1.6	.3							15.4	7.4
ENE	1.1	2.1	3.1	1.1	.1							7.5	7.3
E	1.4	1.3	.9	.2								3.8	5.0
ESE	.7	.8	.3	.1	.1							2.0	5.4
SE	.3	.3	.2	.3								1.2	7.6
SSE	.3	.3	.3	.2								1.1	6.8
S	1.8	2.7	2.2	1.9	.2	.2						8.2	8.2
SSW	.6	1.5	2.8	2.5	.9	.7	.2					9.1	11.4
SW	.8	1.4	2.7	1.7	.4	.3	.6					7.9	11.0
WSW	.4	1.1	1.6	1.9	.3	.2	.2	.2	.1			6.0	11.8
W	.3	.6	1.4	.8	.6							3.7	10.2
WNW		.3	.2									.4	5.6
NW	.2	.1	.2									.6	4.8
NNW	.3	.3	.1									.8	4.1
VARBL	.7	.2		.1								.9	3.8
CALM												19.4	
	13.2	22.8	26.0	13.2	2.9	1.4	.9	.2	.1			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1183

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.1	1.4	.4								6.4	5.7
NNE	.6	2.9	3.1	1.7	.1							8.5	7.7
NE	.9	3.0	5.5	3.7	.6	.1						13.2	9.3
ENE	.4	1.2	2.7	2.4	.4							7.1	9.3
E	.2	.8	.6	.5	.1							2.1	8.6
ESE	.1	.2	.3	.3	.1							.9	9.7
SE	.1			.1	.3	.1						.5	15.2
SSE	.1	.4	.2	.1	.1							.9	7.6
S	.3	.8	1.7	2.0	.1	.1						5.0	9.9
SSW	.3	.6	1.4	1.5	.4	.8	.3	.2				5.4	14.4
SW	.7	1.2	2.4	2.0	1.9	.3	.5		.1			9.0	12.8
WSW	.6	1.3	3.1	1.9	.6	.3	.1	.1				8.4	10.5
W	1.2	2.0	2.1	3.5	.3	.3	.2		.1			9.8	10.4
WNW	.2	1.0	.3	.2	.2							1.9	7.2
NW	.6	1.1	.6	.3								2.6	6.2
NNW	.7	.6	.1	.2								1.5	4.8
VARBL	3.6	1.1	1.0	.1								5.8	4.0
CALM												11.0	
	11.6	21.2	26.6	20.7	5.4	2.0	1.0	.3	.2			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1177

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) — [illegible] AB SPAIN (STATION NAME) — 58-70 (YEARS) — DEC (MONTH)

ALL WEATHER (CLASS)

1900-1700 (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	1.6	2.8	1.7	.5								6.7	5.6
NNE	1.1	3.0	1.9	1.0								7.0	6.5
NE	1.5	2.8	5.3	2.5								12.1	7.8
ENE	1.2	1.8	2.6	1.3	.1							7.1	7.5
E	.6	.8	1.1	.4								2.9	6.9
ESE	.1	.2	.4	.5								1.1	9.6
SE	.3	.3	.3	.2	.1							1.1	7.6
SSE		.1										.1	4.0
S	.2	.9	1.8	.5	.4							3.8	9.2
SSW	.3	1.3	1.7	1.4	.2	.6	.7	.2				6.3	13.6
SW	1.6	2.1	3.2	3.4	1.1	.2	.2					11.6	10.2
WSW	1.1	1.7	2.5	3.3	1.0	.3	.3	.1				10.2	11.1
W	2.5	1.7	2.5	2.1	.4	.8	.1	.1				10.1	9.6
WNW	.8	.9	.4	.1	.2							2.3	5.7
NW	.4	.7	.4	.3	.1							1.8	6.8
NNW	.7	.7	.7	.4								2.5	6.1
VARBL	1.2	.9	.2									2.3	3.9
CALM												11.1	
	15.2	22.5	26.4	17.9	3.4	1.8	1.2	.4				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1142

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

ATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 (STATION) [illegible] AB SPAIN (STATION NAME) 58-70 (YEARS) DEC (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	1.0	.7	.4	.1								2.2	4.2
NNE	.9	2.1	1.2	.1								4.3	5.3
NE	1.7	1.6	1.8	.4								5.5	5.5
ENE	1.[illegible]	2.0	1.2	.2								4.3	5.7
E	2.2	1.6	1.3	.4								5.6	5.1
ESE	1.2	1.3	.3									2.8	4.1
SE	2.1	.4	.3									2.8	3.4
SSE	1.1	.7	.4									2.2	4.4
S	1.3	2.7	2.1	.5	.1	.3						7.1	7.2
SSW	1.6	2.6	3.2	2.6	1.0	.3	.4	.1				11.9	9.9
SW	.6	1.3	2.5	3.3	1.1	.2	.4					9.8	11.2
WSW	.6	1.3	2.9	2.0	.2		.2	.1				7.2	9.8
W	.7	1.8	1.3	.9	.3	.4	.1					5.5	9.9
WNW	.3	.5	.2	.1								1.1	5.8
NW	.3	.6	.1									1.0	4.6
NNW	.2	.9	.5	.2								1.8	6.2
VARBL	.2											.2	2.5
CALM												24.2	
	17.7	22.7	19.7	10.7	2.6	1.2	1.0	.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1117

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13024 — STATION
[illegible] SPAIN — STATION NAME
58-69 — YEARS
DEC — 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	.9	1.5	.3									2.7	4.3
NNE	1.6	1.7	.4									3.8	4.7
NE	1.0	2.0	1.0	.4								4.4	5.9
ENE	1.3	1.4	.4	.2								3.3	4.8
E	2.2	1.3	.9	.6								5.0	4.4
ESE	3.2	1.2	.4	.2								5.0	3.4
SE	3.1	1.3	.3		.2	.1						5.0	4.2
SSE	1.0	.5	1.0									3.1	4.6
S	2.3	4.6	2.7	1.7	.4		.1					11.7	6.9
SSW	.4	1.9	2.8	1.6	.7	.2	.6					8.2	11.4
SW	.6	2.0	2.9	2.8	.4	.4						9.0	10.0
WSW	.3	1.3	1.4	2.3	.2	.3	.2		.1			6.0	11.7
W	.4	1.0	.9	1.3	.2	.1	.1					4.0	9.8
WNW	.2	.4	.8									1.3	7.0
NW		.3		.1								.4	7.3
NNW	.3	.3	.2									.7	4.3
VARBL	.3											.3	2.3
CALM												26.0	
	19.7	22.6	16.4	11.3	2.0	1.0	1.0		.1			100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1116

ATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

13024 (STATION) | [illegible] AB SPAIN (STATION NAME) | 58-70 (YEARS) | ALL (MONTH)

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

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

A C/B VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	.2	.0								1.5	4.6
NNE	.3	.8	.4	.1								1.6	5.5
NE	.5	.8	.6	.1								2.[illegible]	5.7
ENE	.1	.5	.3	.1								1.1	5.9
E	.4	.3	.1	.0	.0							.9	4.7
ESE	.5	.4	.1			.0						.9	4.4
SE	.5	.4	.1	.0								1.[illegible]	3.9
SSE	.5	.1	.1		.0							.[illegible]	4.7
S	1.4	2.4	2.3	2.3	1.1	.3	.2	.0	.0			10.1	10.3
SSW	.6	2.8	4.4	6.0	2.6	1.5	.3	.2				18.7	13.6
SW	.7	2.2	4.8	8.0	4.0	2.0	.8	.1	.0			22.6	14.1
WSW	.5	1.8	3.6	5.3	2.5	1.1	.5	.3	.1			15.7	13.9
W	.6	1.5	1.6	1.6	.8	.5	.1	.1	.0			6.6	11.6
WNW	.4	.4	.2	.2			.0	.0				1.3	7.5
NW	.2	.5	.2	.1	.0							.9	5.1
NNW	.1	.3	.2	.1	.0							.7	6.8
VARBL	.3		.0									.3	2.5
CALM												13.4	
	7.9	16.0	19.1	23.9	11.3	5.5	2.0	.7	.2			100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 3536

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

PART D CEILING VERSUS VISIBILITY

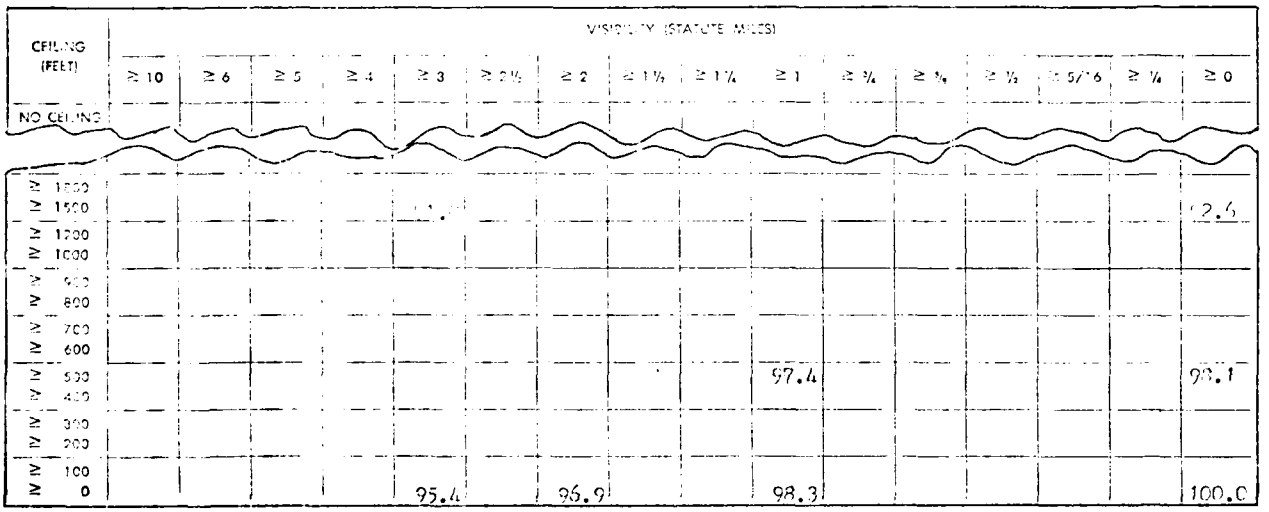
This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
V 1500 / IV 1500																92.6
V 1200 / IV 1000																
V 900 / IV 800																
V 700 / IV 600																
V 500 / IV 400										97.4						98.1
V 300 / IV 200																
V 100 / IV 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

The value 91.0 read from the table at the intersection of $\geq$ 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.

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000															
≥ 18000 ≥ 16000															
≥ 14000 ≥ 12000															
≥ 10000 ≥ 9000															
≥ 8000 ≥ 7000															
≥ 6000 ≥ 5000															
≥ 4500 ≥ 4000															
≥ 3500 ≥ 3000															
≥ 2500 ≥ 2000															
≥ 1800 ≥ 1500															
≥ 1200 ≥ 1000															
≥ 900 ≥ 800															
≥ 700 ≥ 600															
≥ 500 ≥ 400															
≥ 300 ≥ 200															
≥ 100 ≥ 0															

TOTAL NUMBER OF OBSERVATIONS 9047

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		55.1	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.8	55.6	55.	55.9	56.0	56.	56.
≥ 18000 16000		61.	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.	62.	62.8	63.1	63.	63.
≥ 14000 12000		62.8	62.8	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.5	63.6	63.6	63.
≥ 10000 9000		66.1	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.3	67.4	67.
≥ 8000 7000		70.7	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.	70.8	70.	70.9	71.1	71.1	71.
≥ 6000 5000		74.5	75.5	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3	76.	76.
≥ 4500 4000		79.4	80.2	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.	80.9	81.0	81.1	81.
≥ 3500 3000		83.9	84.8	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.7	85.8	86.
≥ 2500 2000		89.3	89.8	89.9	90.1	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.6	90.7	90.8	91.
≥ 1800 1500		91.9	92.1	92.3	92.5	92.9	93.0	93.1	93.1	93.2	93.2	93.	93.3	93.5	93.	93.
≥ 1200 1000		93.8	94.3	95.0	95.	95.3	95.5	95.7	95.7	95.7	95.8	95.	95.9	96.0	96.1	96.
≥ 900 800		94.3	95.3	96.1	96.5	96.5	96.6	97.0	97.0	97.1	97.2	97.	97.3	97.4	97.	97.
≥ 700 600		94.1	95.8	96.6	97.2	97.3	97.6	97.8	97.9	97.9	98.0	98.	98.2	98.3	98.	98.
≥ 500 400		94.2	96.1	97.0	97.6	97.8	98.2	98.4	98.5	98.6	98.7	98.	98.8	99.0	99.	99.
≥ 300 200		94.2	96.2	97.1	97.8	98.0	98.4	98.7	98.8	98.9	99.0	99.	99.1	99.3	99.4	99.
≥ 100 0		94.2	96.2	97.2	97.8	98.0	98.4	98.7	98.8	98.9	99.1	99.1	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 8245

2

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ 28-70 YEARS ____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS ____

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		55.0	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5
		64.0	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.8
≥ 18000 ≥ 16000		64.9	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8
		65.0	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9
≥ 14000 ≥ 12000		65.5	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.5
		66.2	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.3
≥ 10000 ≥ 9000		68.0	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0
		69.3	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.3
≥ 8000 ≥ 7000		72.3	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4
		74.7	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.0
≥ 6000 ≥ 5000		76.4	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.7
		78.4	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6
≥ 4500 ≥ 4000		80.7	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5
		82.3	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.7
≥ 3500 ≥ 3000		83.8	84.6	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3
		85.7	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5
≥ 2500 ≥ 2000		87.9	89.0	89.9	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6
		90.3	91.6	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	93.0
≥ 1800 ≥ 1500		91.3	92.7	93.0	93.3	93.4	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9
		92.3	94.1	94.5	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.4
≥ 1200 ≥ 1000		93.1	94.8	95.3	95.6	95.7	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3
		93.8	95.6	96.2	96.6	96.6	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.4
≥ 900 ≥ 800		94.1	96.0	96.6	97.0	97.0	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.8
		94.3	96.2	96.9	97.4	97.4	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.2
≥ 700 ≥ 600		94.6	96.6	97.3	97.7	97.8	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7
		94.7	96.7	97.4	97.9	98.0	98.2	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9
≥ 500 ≥ 400		94.9	96.9	97.7	98.2	98.3	98.6	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3
		94.9	97.0	97.7	98.3	98.4	98.7	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.5
≥ 300 ≥ 200		95.2	97.1	97.8	98.4	98.5	98.8	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6
		95.2	97.1	97.9	98.5	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.8
≥ 100 ≥ 0		95.2	97.1	97.9	98.5	98.6	98.9	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.9
		95.2	97.1	97.9	98.5	98.6	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 9922

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		63.3	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000		73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000		73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000		73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000		74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000		74.2	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000		76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000		77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000		79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000		81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000		82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500		86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000		87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500		89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000		91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500		93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000		95.4	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800		95.5	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500		96.0	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200		97.0	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000		97.5	98.0	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		98.1	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		98.4	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		98.5	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		98.6	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		98.6	99.1	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9001

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 58-72 YEARS | CY MONTH | HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5 16	≥ ¼	≥ 0
NO CEILING ≥ 20000		72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000 ≥ 16000		81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000 ≥ 12000		81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000 ≥ 9000		83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000 ≥ 7000		85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000 ≥ 5000		87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500 ≥ 4000		90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500 ≥ 3000		92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500 ≥ 2000		95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800 ≥ 1500		97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0
≥ 1200 ≥ 1000		98.5	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900 ≥ 800		98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700 ≥ 600		99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400		99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300 ≥ 200		99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 0		99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 9165

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	> 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

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

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 58-72 YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 20000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 18000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 16000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 14000		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 12000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 10000		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 9000		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 5000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4104

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

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 9112

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 1973-74 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		78.4 85.3	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4	78.7 85.4
≥ 18000 ≥ 16000		85.5 85.6	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7
≥ 14000 ≥ 12000		85.7 86.4	85.8 86.7	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8	85.9 86.8
≥ 10000 ≥ 9000		88.5 89.0	88.8 89.9	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0	88.8 90.0
≥ 8000 ≥ 7000		91.8 91.6	91.1 92.0	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1	91.2 92.1
≥ 6000 ≥ 5000		92.8 93.1	92.8 93.5	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6	92.8 93.6
≥ 4500 ≥ 4000		93.5 94.1	93.8 94.7	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	94.0 94.9	94.0 94.9	94.0 94.9	94.0 94.9	94.0 94.9	94.0 94.9	94.0 94.9
≥ 3500 ≥ 3000		94.9 95.3	95.3 96.4	95.4 96.4	95.4 96.4	95.4 96.4	95.4 96.4	95.4 96.5	95.4 96.5	95.5 96.5	95.5 96.5	95.5 96.5	95.5 96.5	95.5 96.5	95.5 96.5	95.5 96.5
≥ 2500 ≥ 2000		96.5 97.4	96.9 97.8	97.1 98.0	97.1 98.0	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1
≥ 1800 ≥ 1500		97.7 98.3	98.1 98.8	98.2 99.0	98.3 99.0	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1	98.3 99.1
≥ 1200 ≥ 1000		99.0 98.5	99.2 99.4	99.4 99.6	99.5 99.7	99.5 99.8	99.5 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8
≥ 900 ≥ 800		98.8 98.9	99.4 99.5	99.7 99.7	99.8 99.8	99.8 99.9	99.8 99.9	99.9 99.9	99.9 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
≥ 700 ≥ 600		98.9 98.9	99.5 99.5	99.7 99.8	99.8 99.9	99.9 99.9	99.9 99.9	99.9 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400		98.9 98.9	99.5 99.5	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 ≥ 200		98.9 98.9	99.5 99.5	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 ≥ 0		98.9 98.9	99.5 99.5	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 8814

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		87.7	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3
		74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 18000 16000		74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
		74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 14000 12000		74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
		75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 10000 9000		78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4
		79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 8000 7000		81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
		84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8
≥ 6000 5000		86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4
		87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 4500 4000		88.2	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
		90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 3500 3000		91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.8
		92.5	92.6	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 2500 2000		94.4	94.7	94.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
		95.8	95.9	96.0	96.0	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.5
≥ 1800 1500		95.9	96.2	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
		96.9	96.9	96.9	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1200 1000		97.1	97.3	97.5	97.6	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
		97.9	97.9	98.0	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 900 800		97.7	98.1	98.3	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0
		97.8	98.2	98.4	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 700 600		97.9	98.3	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3
		98.0	98.5	98.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500 400		98.1	98.5	98.8	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
		98.1	98.6	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 300 200		98.1	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
		98.1	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100 0		98.1	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
		98.1	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 9117

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 7/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		55.4	55.5	55.6	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.2
≥ 18000 ≥ 16000		64.2	64.2	64.3	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.9	64.9	65.0
≥ 14000 ≥ 12000		65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 10000 ≥ 9000		66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4
≥ 8000 ≥ 7000		68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 6000 ≥ 5000		70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 4500 ≥ 4000		72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 3500 ≥ 3000		75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 2500 ≥ 2000		78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 1800 ≥ 1500		81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1200 ≥ 1000		83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 900 ≥ 800		85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 700 ≥ 600		87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 500 ≥ 400		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.4	90.5
≥ 300 ≥ 200		92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.4	92.4	92.5
≥ 100 0		94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.5	94.6	94.6	94.7

TOTAL NUMBER OF OBSERVATIONS _____ 87488

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		57.	57.5	57.8	57.9	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 18000 ≥ 16000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 14000 ≥ 12000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 10000 ≥ 9000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 8000 ≥ 7000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 6000 ≥ 5000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 4500 ≥ 4000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 3500 ≥ 3000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 2500 ≥ 2000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 1800 ≥ 1500		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 1200 ≥ 1000		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 900 800		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 700 600		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 500 400		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 300 200		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
≥ 100 0		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible
illegible		illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible	illegible

TOTAL NUMBER OF OBSERVATIONS 9166

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

2

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		59.1	59.3	59.7	60.1	60.4	60.7	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.4
≥ 20000		64.4	65.3	65.7	66.3	66.6	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.7
≥ 18000		65.4	65.8	65.9	66.3	66.6	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.7
≥ 16000		64.4	65.3	65.7	66.3	66.6	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.7
≥ 14000		65.4	65.8	65.9	66.3	66.6	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.7
≥ 12000		64.4	65.3	65.7	66.3	66.6	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.7
≥ 10000		65.4	67.3	67.7	68.3	68.4	68.6	68.8	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.5
≥ 9000		65.4	66.3	66.7	67.3	67.4	67.6	67.8	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.5
≥ 8000		69.9	70.8	70.3	71.0	71.1	71.3	71.5	71.6	71.8	72.0	72.0	72.1	72.1	72.1	72.4
≥ 7000		69.9	70.8	70.3	71.0	71.1	71.3	71.5	71.6	71.8	72.0	72.0	72.1	72.1	72.1	72.4
≥ 6000		70.7	73.0	73.4	74.1	74.1	74.4	74.6	74.6	74.8	75.1	75.2	75.2	75.3	75.3	75.5
≥ 5000		71.6	74.1	74.6	75.3	75.4	75.6	75.8	75.9	76.2	76.5	76.6	76.6	76.6	76.6	76.9
≥ 4500		73.2	75.5	76.1	76.7	76.8	77.1	77.2	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.3
≥ 4000		74.3	76.6	77.2	77.8	77.9	78.1	78.3	78.4	78.9	79.0	79.1	79.1	79.1	79.1	79.4
≥ 3500		77.3	78.3	78.9	79.5	79.6	79.8	80.0	80.1	80.6	80.7	80.7	80.8	80.8	80.8	81.1
≥ 3000		78.5	80.2	81.3	82.1	82.2	82.4	82.6	82.7	83.2	83.3	83.3	83.4	83.4	83.4	83.7
≥ 2500		81.5	84.1	84.8	85.5	85.6	85.9	86.1	86.2	86.6	86.8	86.8	86.9	86.9	86.9	87.2
≥ 2000		81.9	84.6	85.2	86.0	86.1	86.4	86.6	86.7	87.2	87.3	87.3	87.4	87.4	87.4	87.7
≥ 1800		84.1	86.8	87.5	88.3	88.4	88.7	88.9	89.0	89.4	89.6	89.6	89.7	89.7	89.7	90.0
≥ 1500		83.1	86.2	87.0	87.8	87.9	88.2	88.4	88.5	89.0	89.2	89.2	89.3	89.3	89.3	89.6
≥ 1200		85.3	89.3	90.5	91.7	91.8	92.1	92.3	92.5	92.9	93.1	93.1	93.2	93.2	93.2	93.5
≥ 1000		86.6	89.7	91.0	92.3	92.4	92.7	92.9	93.1	93.5	93.7	93.7	93.8	93.8	93.8	94.1
≥ 900		86.9	90.1	91.7	92.9	93.0	93.4	93.5	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.7
≥ 800		87.1	90.2	91.9	93.2	93.3	93.7	93.9	94.1	94.5	94.7	94.7	94.8	94.9	94.9	95.2
≥ 700		87.5	90.6	92.4	93.6	93.7	94.2	94.4	94.6	95.1	95.3	95.3	95.3	95.4	95.4	95.7
≥ 600		88.2	91.3	93.1	94.4	94.4	95.0	95.3	95.4	95.9	96.1	96.1	96.1	96.3	96.3	96.6
≥ 500		88.2	91.8	93.3	94.6	94.8	95.3	95.9	96.1	96.6	97.0	97.0	97.0	97.2	97.2	97.5
≥ 400		88.4	91.5	93.5	95.0	95.2	96.1	96.2	96.8	97.2	97.6	97.5	97.7	97.8	97.8	98.1
≥ 300		88.4	91.5	93.6	95.1	95.4	96.3	96.8	97.0	97.5	97.8	97.9	97.9	98.3	98.3	98.7
≥ 200		88.4	91.5	93.6	95.3	95.7	96.6	97.0	97.4	97.8	98.2	98.2	98.4	98.9	98.9	99.3
≥ 100		88.4	91.5	93.6	95.3	95.7	96.6	97.0	97.4	97.8	98.2	98.2	98.4	99.3	99.3	99.7
≥ 0		88.4	91.5	93.6	95.3	95.7	96.6	97.0	97.4	97.8	98.2	98.2	98.4	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

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

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		57.1	58.4	59.1	59.9	60.1	60.4	60.5	60.6	60.7	60.9	61.2	61.3	61.6	61.4	62.2
≥ 18000 ≥ 16000		62.9	63.1	64.0	64.4	64.8	65.1	65.2	65.3	65.4	65.7	65.9	66.0	66.4	66.5	66.9
≥ 14000 ≥ 12000		63.1	64.0	64.6	64.9	65.2	65.3	65.4	65.5	65.6	65.9	66.1	66.2	66.6	66.7	67.1
≥ 10000 ≥ 9000		65.0	65.9	66.7	66.8	67.2	67.3	67.4	67.5	67.7	68.0	68.1	68.5	68.9	69.0	
≥ 8000 ≥ 7000		67.9	68.8	69.6	69.9	70.3	70.4	70.5	70.5	70.9	71.1	71.2	71.5	71.7	72.1	
≥ 6000 ≥ 5000		69.8	70.7	71.5	71.8	72.2	72.3	72.4	72.5	72.8	73.0	73.1	73.5	73.6	74.0	
≥ 4500 ≥ 4000		72.5	73.6	74.4	74.6	75.1	75.2	75.3	75.4	75.6	75.9	76.0	76.3	76.4	76.9	
≥ 3500 ≥ 3000		73.7	76.9	77.6	78.0	78.6	78.7	78.8	78.9	79.1	79.4	79.5	79.8	79.9	80.5	
≥ 2500 ≥ 2000		82.1	83.3	84.4	84.7	85.2	85.3	85.4	85.6	85.9	86.2	86.3	86.6	86.7	87.1	
≥ 1800 ≥ 1500		85.3	86.5	87.9	88.3	88.9	89.0	89.1	89.2	89.6	89.9	90.0	90.3	90.5	91.0	
≥ 1200 ≥ 1000		88.7	88.8	90.3	90.7	91.3	91.4	91.5	91.7	92.0	92.3	92.4	92.7	92.9	94.5	
≥ 900 ≥ 800		88.0	90.1	91.0	92.2	92.8	92.9	93.0	93.2	93.5	93.8	93.9	94.3	94.4	95.0	
≥ 700 ≥ 600		88.5	90.8	92.5	92.9	93.5	93.6	93.7	93.9	94.3	94.5	94.6	95.0	95.2	95.7	
≥ 500 ≥ 400		89.4	91.8	93.5	94.2	95.3	95.3	95.4	95.8	96.1	96.4	96.5	96.9	97.0	97.6	
≥ 300 ≥ 200		89.5	91.8	93.0	94.4	95.4	95.7	95.8	96.1	96.6	96.9	97.0	97.3	97.5	98.0	
≥ 100 0		89.8	92.3	94.2	95.0	96.1	96.3	96.6	97.0	97.7	97.9	98.1	98.4	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

2

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME 58-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) [illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		49.5	49.9	50.1	51.3	51.6	51.9	51.9	52.0	52.2	52.4	52.5	52.6	53.1	53.3	54.1
		55.0	57.1	58.2	58.7	58.8	59.1	59.3	59.5	59.7	59.8	60.1	60.2	60.6	60.8	61.7
≥ 18000 ≥ 16000		55.6	57.1	58.2	58.7	58.8	59.1	59.3	59.5	59.7	59.8	59.9	60.1	60.6	60.8	61.7
		55.6	57.1	58.2	58.7	58.8	59.1	59.3	59.5	59.7	59.8	59.9	60.1	60.6	60.8	61.7
≥ 14000 ≥ 12000		55.6	57.4	58.5	59.1	59.1	59.4	59.7	59.8	60.0	60.2	60.3	60.5	61.2	61.2	62.0
		56.4	58.0	59.1	59.7	59.8	60.0	60.3	60.4	60.6	60.8	60.9	61.1	61.8	61.8	62.7
≥ 10000 ≥ 9000		57.5	59.9	61.1	61.6	61.7	62.0	62.3	62.5	62.7	62.8	62.9	63.1	63.8	63.8	64.7
		57.8	61.4	62.6	63.1	63.2	63.4	63.8	64.0	64.1	64.3	64.4	64.6	65.3	65.3	66.2
≥ 8000 ≥ 7000		62.1	64.6	65.8	66.3	66.4	66.6	66.9	66.2	66.4	66.5	66.6	66.8	67.5	67.5	68.4
		64.3	66.3	67.3	68.0	68.1	68.4	68.7	68.9	69.1	69.2	69.3	69.5	70.2	70.2	71.1
≥ 6000 ≥ 5000		65.3	66.9	68.0	68.2	68.7	69.0	69.3	69.5	69.7	69.9	69.9	70.1	70.8	70.8	71.7
		67.1	68.7	69.9	70.4	70.6	70.8	71.2	71.4	71.5	71.7	71.8	72.0	72.7	72.7	73.6
≥ 4500 ≥ 4000		69.2	70.9	72.1	72.7	72.8	73.1	73.5	73.6	73.8	74.0	74.1	74.3	75.0	75.0	75.8
		73.3	74.7	75.8	76.4	76.6	76.9	77.2	77.4	77.6	77.7	77.8	78.0	78.7	78.7	79.6
≥ 3500 ≥ 3000		72.3	73.9	75.0	75.6	77.0	77.4	77.6	77.8	77.9	78.1	78.2	78.4	79.1	79.1	80.0
		76.3	78.5	79.7	80.3	80.5	80.8	81.1	81.3	81.5	81.6	81.7	81.9	82.6	82.6	83.5
≥ 2500 ≥ 2000		79.6	81.5	82.7	83.3	83.5	83.7	84.1	84.3	84.4	84.6	84.7	85.0	85.7	85.7	86.6
		81.4	83.7	85.0	85.6	85.8	86.0	86.4	86.6	86.7	87.0	87.1	87.3	88.0	88.0	88.9
≥ 1800 ≥ 1500		81.9	84.0	85.3	85.9	86.2	86.6	86.9	87.1	87.3	87.5	87.6	87.9	88.6	88.6	89.5
		82.3	84.4	86.6	87.2	87.4	87.9	88.2	88.4	88.6	88.8	88.9	89.2	89.9	89.9	90.8
≥ 1200 ≥ 1000		83.2	85.3	87.8	88.4	88.7	89.1	89.5	89.6	89.8	90.2	90.2	90.5	91.2	91.2	92.1
		83.9	86.9	88.4	89.1	89.3	89.8	90.2	90.3	90.5	90.9	90.9	91.2	91.9	91.9	92.8
≥ 900 ≥ 800		84.7	87.2	88.8	89.5	89.8	90.3	90.7	90.9	91.0	91.4	91.5	91.7	92.4	92.4	93.3
		86.6	87.5	89.1	89.8	90.2	90.7	91.0	91.2	91.4	91.7	91.8	92.1	92.8	92.8	93.7
≥ 700 ≥ 600		86.9	87.7	89.3	90.1	90.4	90.9	91.3	91.5	91.7	92.0	92.1	92.4	93.1	93.1	93.9
		86.7	88.0	89.8	90.6	91.0	91.7	92.0	92.2	92.4	92.7	92.8	93.1	93.8	93.8	94.6
≥ 500 ≥ 400		86.7	88.1	89.9	90.9	91.4	92.4	92.9	93.1	93.4	93.6	93.9	94.2	94.9	94.9	95.8
		86.7	88.1	89.9	91.0	91.6	92.6	93.1	93.3	93.6	93.9	94.1	94.4	95.1	95.1	96.0
≥ 300 ≥ 200		86.8	88.3	90.2	91.5	92.0	93.1	93.8	94.0	94.6	94.9	95.1	95.3	96.1	96.1	97.2
		86.8	88.4	90.3	91.6	92.1	93.2	94.0	94.4	95.2	95.5	95.7	96.0	96.7	96.7	97.9
≥ 100 0		86.8	88.4	90.3	91.6	92.2	93.3	94.1	94.5	95.3	95.7	95.9	96.1	96.9	96.9	98.1
		86.8	88.4	90.3	91.6	92.2	93.3	94.1	94.5	95.3	95.7	96.0	96.2	97.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1136

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

2

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		46.4	47.9	48.4	48.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1
≥ 18000 16000		59.3	59.9	60.4	60.6	60.6	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.3
≥ 14000 12000		59.5	60.1	60.6	60.8	60.9	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.6
≥ 10000 9000		62.0	62.7	63.2	63.4	63.4	63.5	63.6	63.6	63.6	63.8	63.8	63.9	64.0	64.2	64.4
≥ 8000 7000		64.9	66.9	67.4	67.6	67.7	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.4	68.4
≥ 6000 5000		69.4	71.4	71.9	72.1	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.7	72.9
≥ 4500 4000		73.3	75.4	76.0	76.2	76.3	76.3	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8	77.1
≥ 3500 3000		74.1	76.7	79.3	79.5	79.6	79.6	79.9	79.9	79.9	79.9	80.0	80.0	80.1	80.1	80.3
≥ 2500 2000		81.4	82.6	83.5	83.7	83.8	84.0	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.9
≥ 1800 1500		82.1	84.6	85.4	86.3	86.3	86.6	86.9	86.9	87.0	87.1	87.2	87.2	87.3	87.4	87.6
≥ 1200 1000		87.6	88.2	89.2	89.9	90.1	90.5	90.8	90.9	91.0	91.1	91.2	91.2	91.3	91.4	91.5
≥ 900 800		88.9	89.7	90.9	91.6	91.8	92.3	92.6	92.8	92.9	93.0	93.0	93.0	93.1	93.2	93.3
≥ 700 600		89.3	90.1	91.3	92.1	92.3	92.9	93.3	93.5	93.6	93.6	93.7	93.7	93.8	93.9	94.1
≥ 500 400		89.7	90.6	91.9	92.9	93.0	93.7	94.1	94.3	94.4	94.7	94.8	94.8	94.9	95.0	95.3
≥ 300 200		89.7	90.9	92.3	93.0	93.8	94.9	95.7	95.9	96.3	96.8	96.9	97.1	97.4	97.5	97.9
≥ 100 0		89.7	90.9	92.3	93.0	93.8	95.0	95.8	96.2	97.0	97.3	97.5	97.8	98.1	98.2	99.0
		89.7	90.9	92.3	93.0	93.8	95.0	95.8	96.2	97.1	97.4	97.5	97.9	98.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1179

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 58-72 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		49.4	49.5	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6
≥ 20000		61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000		61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000		61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
≥ 14000		61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2
≥ 12000		63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000		64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 9000		65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3
≥ 8000		67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
≥ 7000		69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000		71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 5000		73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
≥ 4500		74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000		77.4	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
≥ 3500		78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1
≥ 3000		80.9	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
≥ 2500		83.5	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 2000		86.2	86.6	86.9	87.1	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
≥ 1800		86.8	87.2	87.4	87.6	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 1500		89.6	89.8	89.9	90.1	90.3	90.4	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 1200		90.7	91.3	91.6	92.0	92.1	92.5	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 1000		91.6	92.2	92.6	93.0	93.1	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 900		92.4	93.0	93.5	93.9	94.0	94.0	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3
≥ 800		92.8	93.4	93.9	94.4	94.5	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 700		93.0	93.9	94.5	95.1	95.3	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1
≥ 600		93.2	94.2	94.9	95.5	95.7	96.8	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500		93.4	94.4	95.1	96.0	96.3	97.5	98.0	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.7
≥ 400		93.5	94.7	95.3	96.3	96.5	97.9	98.4	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2
≥ 300		93.7	94.7	95.4	96.4	96.7	98.0	98.8	99.1	99.3	99.4	99.4	99.6	99.7	99.7	99.7
≥ 200		93.7	94.7	95.4	96.4	96.7	98.0	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	100.0
≥ 100		93.7	94.7	95.4	96.4	96.7	98.0	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	100.0
≥ 0		93.7	94.7	95.4	96.4	96.7	98.0	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1179

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

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000 ≥ 16000		61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000 ≥ 12000		62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000 ≥ 9000		65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000 ≥ 7000		69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000 ≥ 5000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500 ≥ 4000		77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500 ≥ 3000		82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500 ≥ 2000		88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800 ≥ 1500		90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200 ≥ 1000		94.1	94.3	94.6	94.7	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900 ≥ 800		95.3	95.7	96.2	96.4	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700 ≥ 600		95.7	96.1	96.7	96.9	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500 ≥ 400		95.8	96.3	96.9	97.2	97.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300 ≥ 200		96.1	96.7	97.3	97.5	98.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100 0		96.1	96.7	97.3	97.5	98.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 1137

2

AIR PROCESSING SQUADRON
SAF ETAC
IN WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME 59-73 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3
		63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0
IV ≥ 18000 16000		64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
		64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5
IV ≥ 14000 12000		64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9
		66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
IV ≥ 10000 9000		66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
		67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
IV ≥ 8000 7000		69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
		72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
IV ≥ 6000 5000		74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
		77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
IV ≥ 4500 4000		79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
		81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
IV ≥ 3500 3000		83.1	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
		85.1	85.7	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5
IV ≥ 2500 2000		87.8	88.8	89.2	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
		88.6	89.7	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV ≥ 1800 1500		89.2	90.3	90.9	91.4	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
		89.7	90.9	91.6	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
IV ≥ 1200 1000		91.5	92.7	93.4	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4
		92.2	93.5	94.2	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.4	95.3
IV ≥ 900 800		92.9	94.3	95.0	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1
		92.9	94.4	95.1	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV ≥ 700 600		93.2	94.7	95.4	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7
		93.4	94.9	95.7	96.4	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0
IV ≥ 500 400		93.5	95.3	96.1	97.3	97.3	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
		93.7	95.6	96.5	97.8	97.8	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV ≥ 300 200		93.7	95.6	96.6	97.8	97.9	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
		93.8	95.7	96.7	98.0	98.1	98.5	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV ≥ 100 0		93.8	95.7	96.7	98.0	98.1	98.0	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.8
		93.8	95.7	96.7	98.0	98.1	98.0	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1115

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.7	61.2	61.3	61.4	61.4	61.6	61.7	61.7	61.8	61.9	61.9	61.9	62.1	62.1	62.1
≥ 20000		66.3	67.6	67.7	67.7	67.7	67.9	68.1	68.1	68.2	68.3	68.3	68.3	68.5	68.5	68.5
≥ 18000		67.2	67.6	67.9	68.0	68.0	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.8	68.8	68.8
≥ 16000		67.1	67.5	68.0	68.1	68.1	68.3	68.5	68.5	68.5	68.5	68.6	68.6	68.9	68.9	68.9
≥ 14000		67.3	67.9	68.2	68.1	68.1	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.9	68.9	68.9
≥ 12000		66.1	66.9	69.0	69.1	69.1	69.3	69.4	69.4	69.5	69.6	69.6	69.6	69.9	69.9	69.9
≥ 10000		70.0	70.6	70.7	70.8	70.8	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.6	71.6	71.6
≥ 9000		70.8	71.1	71.2	71.3	71.3	71.5	71.7	71.7	71.8	71.9	71.9	71.9	72.1	72.1	72.1
≥ 8000		72.5	72.7	72.8	72.8	72.8	73.0	73.2	73.2	73.3	73.4	73.4	73.4	73.7	73.7	73.7
≥ 7000		76.4	76.0	76.1	76.2	76.2	76.3	76.5	76.5	76.6	76.7	76.7	76.7	77.0	77.0	77.0
≥ 6000		77.5	77.6	77.7	77.8	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.6	78.6	78.6
≥ 5000		79.2	80.0	80.1	80.2	80.3	80.5	80.6	80.6	80.7	80.8	80.8	80.8	81.1	81.1	81.1
≥ 4500		81.5	81.5	81.6	81.7	81.9	82.1	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5
≥ 4000		81.3	82.2	82.3	82.4	82.4	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.2	83.2	83.2
≥ 3500		82.7	83.7	83.9	84.0	84.1	84.2	84.4	84.4	84.5	84.6	84.6	84.6	84.9	84.9	84.9
≥ 3000		85.1	86.2	86.5	86.6	86.6	86.8	87.0	87.0	87.1	87.2	87.2	87.2	87.5	87.5	87.5
≥ 2500		87.7	89.1	89.7	90.1	90.1	90.4	90.6	90.6	90.7	90.8	90.8	90.8	91.0	91.0	91.0
≥ 2000		89.4	90.4	91.6	91.9	92.0	92.2	92.5	92.5	92.6	92.7	92.7	92.7	92.9	92.9	92.9
≥ 1800		89.4	90.6	91.6	91.9	92.0	92.2	92.5	92.5	92.6	92.7	92.7	92.7	92.9	92.9	92.9
≥ 1500		90.5	91.6	92.7	93.1	93.2	93.4	93.6	93.6	93.7	93.8	93.8	93.8	94.1	94.1	94.1
≥ 1200		90.9	92.4	93.3	93.6	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.7	94.7	94.7
≥ 1000		91.4	92.9	93.8	94.3	94.4	94.8	95.1	95.1	95.2	95.3	95.3	95.3	95.5	95.5	95.5
≥ 900		91.6	93.1	94.1	94.5	94.6	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.8	95.8	95.8
≥ 800		91.6	93.1	94.1	94.5	94.7	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.9	95.9	95.9
≥ 700		91.7	93.5	94.6	95.1	95.3	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.5
≥ 600		91.8	93.5	95.0	95.6	95.9	96.3	96.6	96.6	96.7	96.8	96.8	96.8	97.0	97.0	97.0
≥ 500		91.9	93.8	95.5	96.2	96.5	97.0	97.3	97.4	97.5	97.6	97.7	97.7	97.9	97.9	97.9
≥ 400		92.3	94.4	96.1	96.9	97.1	97.6	98.1	98.2	98.3	98.4	98.6	98.6	98.9	98.9	98.9
≥ 300		92.4	94.5	96.4	97.2	97.7	98.3	98.7	98.7	98.8	98.9	99.1	99.1	99.5	99.5	99.5
≥ 200		92.4	94.5	96.4	97.3	97.8	98.4	98.7	98.8	98.9	99.0	99.2	99.2	99.6	99.6	99.7
≥ 100		92.4	94.5	96.4	97.3	97.8	98.4	98.7	98.8	98.9	99.0	99.2	99.2	99.6	99.6	99.7
≥ 0		92.4	94.5	96.4	97.4	97.8	98.4	98.7	98.8	98.9	99.0	99.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 1116

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 59-70 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		63.0	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.9	63.9	64.0	64.1
≥ 18000 ≥ 16000		67.3	67.7	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.4	68.4	69.1	69.1
≥ 14000 ≥ 12000		67.4	67.8	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.5	68.5	69.2	69.2
≥ 10000 ≥ 9000		70.4	70.8	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.6	71.6	72.3	72.3
≥ 8000 ≥ 7000		72.6	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.8	73.8	74.5	74.5
≥ 6000 ≥ 5000		77.1	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.3	78.3	79.1	79.1
≥ 4500 ≥ 4000		82.7	83.2	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	84.0	84.0	84.7	84.7
≥ 3500 ≥ 3000		86.4	86.9	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.8	87.8	88.5	88.5
≥ 2500 ≥ 2000		89.3	90.0	90.2	90.3	90.4	90.6	90.6	90.7	90.7	90.7	90.8	91.0	91.0	91.7	91.7
≥ 1800 ≥ 1500		91.5	92.4	92.6	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.5	93.5	94.2	94.2
≥ 1200 ≥ 1000		93.5	94.4	94.6	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.5	95.5	96.2	96.2
≥ 900 ≥ 800		94.7	95.6	95.8	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.6	96.6	97.3	97.3
≥ 700 ≥ 600		95.9	96.8	97.2	97.5	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.3	98.3	99.0	99.0
≥ 500 ≥ 400		96.1	97.1	97.5	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.6	98.6	99.3	99.3
≥ 300 ≥ 200		96.1	97.2	97.6	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.8	99.0	99.0	99.7	99.7
≥ 100 ≥ 0		96.1	97.2	97.6	98.2	98.4	98.6	98.6	98.7	98.7	98.8	98.9	99.1	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1016

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.6	61.6	62.3	62.4	62.5	62.5	62.7	62.7	62.8	63.1	63.1	63.4	63.6	63.7	63.9
≥ 20000		65.1	65.5	66.2	67.0	67.1	67.2	67.4	67.4	67.5	67.8	67.8	68.2	68.4	68.7	68.9
≥ 18000		65.2	65.9	66.6	67.0	67.1	67.2	67.4	67.4	67.5	67.8	67.8	68.2	68.4	68.7	68.9
≥ 16000		65.2	65.9	66.8	67.0	67.1	67.2	67.4	67.4	67.5	67.8	67.8	68.2	68.4	68.7	68.9
≥ 14000		65.2	65.9	66.8	67.0	67.1	67.2	67.4	67.4	67.5	67.8	67.8	68.2	68.4	68.7	68.9
≥ 12000		65.3	66.2	67.1	67.4	67.4	67.5	67.7	67.7	67.8	68.1	68.1	68.5	68.7	69.0	69.2
≥ 10000		67.3	68.1	69.0	69.2	69.3	69.4	69.6	69.6	69.7	70.0	70.0	70.4	70.6	70.9	71.1
≥ 9000		68.2	69.0	69.9	70.1	70.2	70.4	70.5	70.5	70.6	70.9	70.9	71.3	71.5	71.8	72.0
≥ 8000		69.6	70.4	71.3	71.5	71.6	71.7	71.9	71.9	72.0	72.2	72.2	72.6	72.8	73.1	73.3
≥ 7000		71.2	71.9	72.8	73.0	73.1	73.2	73.4	73.4	73.5	73.8	73.8	74.2	74.4	74.7	74.9
≥ 6000		73.5	74.3	75.2	75.4	75.5	75.6	75.8	75.8	75.9	76.2	76.2	76.6	76.8	77.1	77.3
≥ 5000		76.2	77.1	78.5	78.7	78.8	78.9	79.1	79.1	79.2	79.5	79.5	79.9	80.1	80.4	80.6
≥ 4500		79.9	79.9	80.9	81.1	81.2	81.3	81.5	81.5	81.6	81.9	81.9	82.3	82.5	82.8	83.0
≥ 4000		80.6	82.0	83.0	83.2	83.3	83.4	83.6	83.6	83.7	84.0	84.0	84.4	84.5	84.8	85.0
≥ 3500		82.6	83.8	84.7	84.9	85.0	85.1	85.3	85.3	85.4	85.7	85.7	86.1	86.3	86.6	86.8
≥ 3000		84.3	85.5	86.5	86.7	86.8	86.9	87.1	87.1	87.2	87.5	87.5	87.9	88.1	88.4	88.6
≥ 2500		86.2	87.5	88.5	88.7	88.8	88.9	89.1	89.1	89.2	89.5	89.5	89.9	90.1	90.4	90.6
≥ 2000		87.9	89.3	90.4	90.6	90.6	90.7	90.9	90.9	91.0	91.3	91.3	91.7	91.9	92.2	92.4
≥ 1800		88.2	89.6	90.6	90.8	90.9	91.0	91.2	91.2	91.3	91.6	91.6	92.0	92.2	92.5	92.7
≥ 1500		89.6	90.9	92.0	92.2	92.3	92.4	92.6	92.6	92.7	93.0	93.0	93.4	93.6	93.9	94.1
≥ 1200		92.4	93.7	94.9	95.1	95.2	95.3	95.5	95.5	95.6	95.9	95.9	96.3	96.5	96.8	97.0
≥ 1000		93.1	94.2	95.4	95.6	95.7	95.9	96.1	96.1	96.2	96.5	96.5	96.9	97.1	97.4	97.6
≥ 900		93.1	94.2	95.4	95.6	95.7	95.9	96.1	96.1	96.2	96.5	96.5	96.9	97.1	97.4	97.6
≥ 800		93.4	94.6	95.8	96.0	96.1	96.4	96.6	96.6	96.7	97.0	97.0	97.3	97.5	97.8	98.0
≥ 700		93.5	94.9	96.1	96.3	96.4	96.6	96.8	96.8	96.9	97.2	97.2	97.6	97.8	98.1	98.3
≥ 600		93.9	95.2	96.4	96.6	96.7	96.9	97.1	97.1	97.2	97.5	97.5	97.9	98.1	98.4	98.6
≥ 500		94.0	95.3	96.6	96.8	96.9	97.1	97.3	97.3	97.4	97.7	97.7	98.1	98.3	98.6	98.8
≥ 400		94.2	95.5	96.8	97.0	97.1	97.3	97.5	97.5	97.6	97.9	97.9	98.3	98.5	98.8	99.0
≥ 300		94.2	95.5	96.8	97.0	97.1	97.3	97.5	97.5	97.6	97.9	97.9	98.3	98.5	98.8	99.0
≥ 200		94.3	95.6	96.9	97.1	97.2	97.4	97.6	97.6	97.7	98.0	98.0	98.4	98.6	98.9	99.1
≥ 100		94.3	95.6	96.9	97.1	97.2	97.4	97.6	97.6	97.7	98.0	98.0	98.4	98.6	98.9	99.1
0		94.3	95.6	96.9	97.1	97.2	97.4	97.6	97.6	97.7	98.0	98.0	98.4	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1016

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		54.5	54.0	54.2	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6	55.0	55.2	55.4
≥ 18000 ≥ 16000		59.0	59.6	59.8	59.9	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.8	61.0	61.1
≥ 14000 ≥ 12000		59.4	60.1	60.3	60.4	60.4	60.6	60.7	60.7	60.8	60.9	60.9	60.9	61.3	61.5	61.6
≥ 10000 ≥ 9000		62.9	63.1	63.3	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.9	64.3	64.5	64.7
≥ 8000 ≥ 7000		66.4	67.2	67.4	67.5	67.5	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.4	68.6	68.7
≥ 6000 ≥ 5000		72.5	73.5	73.8	73.9	73.9	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.9	75.0	75.0
≥ 4500 ≥ 4000		78.3	79.4	79.7	79.8	79.8	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.8	81.0	81.0
≥ 3500 ≥ 3000		82.5	84.0	84.3	84.4	84.4	84.6	84.9	84.9	85.0	85.0	85.0	85.1	85.5	85.6	86.2
≥ 2500 ≥ 2000		85.6	87.2	87.5	87.6	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.7	88.9	89.5
≥ 1800 ≥ 1500		87.6	89.5	90.1	90.2	90.3	90.7	90.8	90.8	90.8	90.8	90.9	90.9	91.3	91.5	92.1
≥ 1200 ≥ 1000		89.4	91.8	92.6	92.9	93.0	93.4	93.7	93.7	93.8	93.8	93.8	93.9	94.3	94.5	95.1
≥ 900 ≥ 800		90.0	92.4	93.3	93.6	93.8	94.3	94.6	94.7	94.8	94.8	94.9	94.9	95.3	95.5	96.1
≥ 700 ≥ 600		90.3	92.8	93.7	94.1	94.3	94.8	95.2	95.3	95.4	95.4	95.4	95.5	95.9	96.1	96.6
≥ 500 ≥ 400		90.5	93.2	94.2	94.6	95.2	95.9	96.2	96.3	96.5	96.5	96.5	96.6	97.2	97.4	98.0
≥ 300 ≥ 200		90.7	93.4	94.6	95.2	95.6	96.2	96.7	96.8	97.0	97.0	97.0	97.1	97.9	98.1	98.7
≥ 100 ≥ 0		90.7	93.4	94.7	95.3	95.7	96.3	96.8	96.9	97.2	97.2	97.2	97.3	98.3	98.5	99.3
		90.7	93.4	94.7	95.3	95.7	96.3	96.8	96.9	97.2	97.2	97.2	97.3	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1048

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 58-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1
		61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4
≥ 18000 ≥ 16000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5
		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥ 14000 ≥ 12000		61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	62.1	62.1
		63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.9	63.9
≥ 10000 ≥ 9000		66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	67.0	67.0
		67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.8	67.8
≥ 8000 ≥ 7000		70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	71.1	71.1
		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.4	74.4
≥ 6000 ≥ 5000		76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.9	76.9
		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.5	78.5
≥ 4500 ≥ 4000		80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.7	80.7	81.0	81.0
		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	83.0	83.0	83.3	83.3
≥ 3500 ≥ 3000		84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.7	85.7
		86.5	86.5	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.4	87.7	87.7
≥ 2500 ≥ 2000		88.5	88.6	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.6	89.6
		89.8	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.8	90.8	91.1	91.1
≥ 1800 ≥ 1500		90.1	90.5	90.9	90.9	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.9	91.9
		91.7	92.1	92.5	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.4	93.4
≥ 1200 ≥ 1000		92.8	93.2	93.6	93.8	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.8	94.8
		93.8	94.2	94.9	95.0	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.8	95.8	96.1	96.1
≥ 900 ≥ 800		93.9	94.4	95.1	95.2	95.5	95.7	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.3	96.3
		94.2	94.7	95.6	95.7	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.9	96.9
≥ 700 ≥ 600		94.3	95.0	95.9	96.0	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.4	97.4
		94.5	95.2	96.2	96.3	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.9	97.9
≥ 500 ≥ 400		95.0	95.7	96.9	97.1	97.7	98.1	98.3	98.3	98.5	98.5	98.5	98.8	98.8	99.1	99.1
		95.0	95.7	96.9	97.1	97.8	98.3	98.5	98.5	98.7	98.7	98.7	98.8	99.2	99.4	99.4
≥ 300 ≥ 200		95.1	95.9	97.0	97.2	97.9	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.7	99.7
		95.1	95.8	97.0	97.2	97.9	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.7	99.7
≥ 100 ≥ 0		95.1	95.8	97.0	97.2	97.9	98.4	98.7	98.8	99.0	99.0	99.1	99.3	99.3	99.9	100.0
		95.1	95.8	97.0	97.2	97.9	98.4	98.7	98.8	99.0	99.0	99.1	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 1078

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
		56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000 ≥ 16000		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000 ≥ 12000		57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
		57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 10000 ≥ 9000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
		62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000 ≥ 7000		66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
		69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000 ≥ 5000		70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500 ≥ 4000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
		76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500 ≥ 3000		78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
		83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500 ≥ 2000		87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
		91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800 ≥ 1500		92.3	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
		93.9	94.0	94.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200 ≥ 1000		95.2	95.3	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
		96.9	96.9	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900 ≥ 800		97.0	97.4	97.4	97.4	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		97.2	97.3	97.3	97.3	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700 ≥ 600		97.4	98.1	98.1	98.1	98.5	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		97.5	98.2	98.2	98.2	98.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400		97.8	98.5	98.5	98.5	99.0	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		97.9	98.6	98.6	98.6	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200		97.9	98.6	98.6	98.6	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.9	98.6	98.6	98.6	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		97.9	98.6	98.6	98.6	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.9	98.6	98.6	98.6	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1000

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000		47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
		57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000 ≥ 16000		57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000 ≥ 12000		58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000 ≥ 9000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000 ≥ 7000		67.6	67.6	67.8	67.8	67.8	67.6	67.8	67.8	67.8	67.8	67.6	67.8	67.8	67.8
		71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000 ≥ 5000		73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
		75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500 ≥ 4000		77.9	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
		81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500 ≥ 3000		83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
		87.0	87.0	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500 ≥ 2000		91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
		93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800 ≥ 1500		94.5	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
		95.8	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200 ≥ 1000		95.9	96.6	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
		96.4	97.3	97.9	98.1	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900 ≥ 800		96.6	97.6	98.3	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
		96.7	97.8	98.5	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700 ≥ 600		96.7	97.9	98.5	98.6	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
		96.7	98.0	98.6	98.9	99.9	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400		96.7	98.0	98.6	98.9	99.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
		96.7	98.0	98.6	98.9	99.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200		96.9	98.2	98.8	99.1	99.1	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
		96.9	98.2	98.8	99.1	99.1	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		96.9	98.2	98.8	99.1	99.1	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
		96.9	98.2	98.8	99.1	99.1	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1014

2

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS 1016

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET*	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥7/16	≥¼	≥0
NO CEILING																
≥ 22000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 450																
≥ 400																
≥ 350																
≥ 300																
≥ 250																
≥ 200																
≥ 175																
≥ 150																
≥ 125																
≥ 100																
≥ 75																
≥ 50																
≥ 25																
≥ 0																100.0

TOTAL NUMBER OF OBSERVATIONS _____ 1011

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 1967 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR _____

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			74.1	64.2	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.7
			70.9	70.4	70.5	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.9	71.0	71.0	71.1
≥ 18000 ≥ 16000			70.9	70.2	70.3	70.4	70.6	70.6	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.1
			70.7	70.0	70.0	70.0	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.2
≥ 14000 ≥ 12000			71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.5
			71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.1
≥ 10000 ≥ 9000			72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.6
			73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 8000 ≥ 7000			76.4	76.6	76.6	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
			78.3	78.4	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9
≥ 6000 ≥ 5000			79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2
			80.3	80.7	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 4500 ≥ 4000			82.9	83.0	83.0	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5
			84.8	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.5
≥ 3500 ≥ 3000			87.1	87.3	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
			88.8	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4
≥ 2500 ≥ 2000			91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9
			92.6	92.7	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.2
≥ 1800 ≥ 1500			93.3	93.9	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
			94.6	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6
≥ 1200 ≥ 1000			94.8	95.4	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
			96.3	96.9	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 900 ≥ 800			96.7	97.2	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7
			96.9	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9
≥ 700 ≥ 600			97.7	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7
			97.7	98.4	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 500 ≥ 400			98.5	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
			98.6	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300 ≥ 200			98.6	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
			98.7	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100 0			98.8	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
			98.8	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1197

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

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST) _____

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		61.2	61.5	62.7	62.2	62.3	62.4	62.5	62.5	62.5	62.7	62.7	62.9	63.0	63.1	63.2
≥ 18000 ≥ 16000		66.6	67.9	68.6	66.7	68.6	68.6	68.9	68.9	69.0	69.1	69.1	69.3	69.4	69.4	69.5
≥ 14000 ≥ 12000		66.6	67.9	68.6	66.7	68.8	68.8	68.9	68.9	69.0	69.1	69.1	69.3	69.4	69.4	69.6
≥ 10000 ≥ 9000		67.7	69.0	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.2	70.2	70.3	70.5	70.5	70.7
≥ 8000 ≥ 7000		73.9	75.4	74.0	74.1	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.8	74.9	74.9	75.1
≥ 6000 ≥ 5000		77.5	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.7	78.8	78.9	79.1	79.1	79.1	79.3
≥ 4500 ≥ 4000		80.7	81.4	81.5	81.6	81.7	81.8	81.8	81.8	82.0	82.0	82.2	82.4	82.4	82.4	82.5
≥ 3500 ≥ 3000		83.7	84.4	84.5	84.7	84.8	84.9	84.9	85.0	85.1	85.2	85.4	85.5	85.5	85.5	85.7
≥ 2500 ≥ 2000		87.7	88.6	88.8	89.0	89.2	89.3	89.3	89.4	89.6	89.6	89.8	90.0	90.0	90.0	90.1
≥ 1800 ≥ 1500		90.4	91.4	91.7	91.9	92.2	92.4	92.4	92.6	92.7	92.9	93.0	93.1	93.1	93.1	93.3
≥ 1200 ≥ 1000		92.6	94.0	94.2	94.3	94.7	94.8	94.8	95.0	95.2	95.2	95.4	95.6	95.6	95.6	95.7
≥ 900 ≥ 800		93.6	95.0	95.2	95.3	95.7	96.0	96.0	96.2	96.3	96.4	96.6	96.7	96.7	96.7	96.9
≥ 700 ≥ 600		94.6	96.1	96.2	96.4	96.8	97.1	97.1	97.2	97.4	97.4	97.7	97.8	97.8	97.8	98.0
≥ 500 ≥ 400		94.9	96.4	96.7	96.9	97.3	97.6	97.6	97.7	97.9	98.0	98.2	98.3	98.3	98.3	98.5
≥ 300 ≥ 200		95.4	96.9	97.4	97.5	97.9	98.2	98.2	98.3	98.5	98.5	98.7	98.9	98.9	98.9	99.1
≥ 100 ≥ 0		95.5	97.0	97.5	97.7	98.2	98.6	98.7	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.7
		95.5	97.0	97.5	97.7	98.2	98.5	98.7	98.9	99.1	99.2	99.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 11x7

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		53.0	53.3	53.5	54.1	54.1	54.3	54.3	54.3	54.5	54.6	54.7	54.7	54.8	54.8	55.1
≥ 18000 ≥ 16000		63.1	63.3	63.7	63.8	63.4	63.6	63.6	63.6	63.7	63.7	63.8	63.9	64.0	64.1	64.4
≥ 14000 ≥ 12000		63.0	63.2	63.7	63.8	64.0	64.0	64.0	64.2	64.3	64.4	64.4	64.5	64.6	64.8	65.1
≥ 10000 ≥ 9000		64.7	65.1	65.1	65.5	66.2	66.2	66.2	66.4	66.5	66.6	66.6	66.7	66.7	67.0	67.3
≥ 8000 ≥ 7000		70.6	70.7	70.8	71.2	71.3	71.4	71.4	71.4	71.6	71.6	71.8	71.8	71.9	72.0	72.4
≥ 6000 ≥ 5000		74.0	74.6	75.2	75.9	75.9	76.1	76.1	76.1	76.3	76.4	76.5	76.5	76.6	76.6	77.1
≥ 4500 ≥ 4000		77.6	78.0	78.2	79.0	79.0	80.1	80.2	80.2	80.4	80.5	80.6	80.6	80.7	80.7	81.2
≥ 3500 ≥ 3000		81.1	82.2	82.6	83.4	83.5	83.6	83.7	83.7	83.9	84.0	84.1	84.1	84.2	84.2	84.7
≥ 2500 ≥ 2000		84.7	85.5	86.0	86.9	87.0	87.1	87.2	87.2	87.4	87.6	87.6	87.6	87.7	87.7	88.2
≥ 1800 ≥ 1500		85.7	87.4	88.1	89.1	89.2	89.3	89.6	89.6	89.9	90.1	90.1	90.1	90.2	90.2	90.8
≥ 1200 ≥ 1000		87.7	89.7	90.6	91.6	91.8	92.3	92.4	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.7
≥ 900 ≥ 800		89.9	91.0	92.0	93.1	93.3	94.0	94.2	94.2	94.5	94.7	94.7	94.7	94.8	94.8	95.4
≥ 700 ≥ 600		89.2	91.0	92.8	94.0	94.2	95.0	95.2	95.2	95.7	95.8	95.9	95.9	96.0	96.0	96.6
≥ 500 ≥ 400		89.9	92.1	93.1	94.7	95.0	95.9	96.2	96.2	96.7	96.9	97.1	97.1	97.2	97.2	97.7
≥ 300 ≥ 200		90.1	92.5	93.5	95.2	95.5	96.4	96.8	96.8	97.4	97.7	97.8	97.8	98.1	98.1	98.7
≥ 100 ≥ 0		90.1	92.5	93.5	95.2	95.7	96.6	97.0	97.2	97.7	98.0	98.2	98.2	98.6	98.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1127

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

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

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000		59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000		59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4000		61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3000		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 2500		63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 2000		64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1800		66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 1500		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1200		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1000		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 900		74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 800		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 700		78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 600		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 500		86.1	86.1	86.1	86.1	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 400		92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 300		93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 200		95.2	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100		96.7	96.7	96.7	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0		97.7	97.7	97.7	97.8	98.2	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		98.1	98.2	98.2	98.0	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		98.6	98.7	98.7	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		98.5	98.7	98.7	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		98.5	98.7	98.7	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		98.7	98.9	98.9	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.7	98.9	98.9	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.7	98.9	98.9	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.7	98.9	98.9	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.7	98.9	98.9	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.7	98.9	98.9	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1197

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING ≥ 20000		40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
		62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000 ≥ 16000		62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
		62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000 ≥ 12000		63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
		64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000 ≥ 9000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000 ≥ 7000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
		73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000 ≥ 5000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500 ≥ 4000		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
		82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500 ≥ 3000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
		88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500 ≥ 2000		91.7	92.0	92.0	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
		94.6	95.1	95.2	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800 ≥ 1500		93.3	95.9	95.9	96.1	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
		96.3	97.1	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200 ≥ 1000		95.7	97.8	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		97.0	98.4	98.5	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900 ≥ 800		97.2	98.0	98.3	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		97.3	98.8	99.0	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600		97.3	98.8	99.1	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.3	98.8	99.1	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1183

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000 ≥ 16000	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000 ≥ 12000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000 ≥ 9000	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000 ≥ 7000	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000 ≥ 5000	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500 ≥ 4000	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500 ≥ 3000	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	91.5	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500 ≥ 2000	93.6	94.1	94.1	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	94.7	95.2	95.2	95.3	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800 ≥ 1500	95.5	96.0	96.0	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	95.5	97.3	97.3	97.5	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200 ≥ 1000	96.2	97.7	97.8	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	96.2	98.2	98.3	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	96.9	98.3	98.4	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	96.9	98.5	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700 ≥ 600	96.9	98.6	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	96.9	98.8	98.8	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400	97.0	98.8	98.9	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	97.0	98.8	99.0	99.3	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.3	98.8	99.0	99.3	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.3	98.8	99.0	99.3	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.3	98.8	99.0	99.3	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.3	98.8	99.0	99.3	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 1178

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000		71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000		71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000		71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000		79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000		81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000		83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000		87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500		92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000		93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500		96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		97.8	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800		98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		98.2	98.5	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		98.4	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		98.6	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		98.8	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		98.7	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.7	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.7	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.7	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1176

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING			71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000			80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000			80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000			80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000			80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000			80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000			81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000			83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000			85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000			87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000			88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000			89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500			89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000			90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500			92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000			93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500			94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000			95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800			96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500			97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200			98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000			99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900			99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800			99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700			99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600			99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500			99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400			99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300			99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200			99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100			99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0			99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1146

2

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS 1144

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 1149

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	< ¼
≥ 22000	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≤ 18000 ≥ 16000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≤ 14000 ≥ 12000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≤ 10000 ≥ 9000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≤ 8000 ≥ 7000	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≤ 6000 ≥ 5000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≤ 4500 ≥ 4000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≤ 3500 ≥ 3000	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≤ 2500 ≥ 2000	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	92.9	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≤ 1800 ≥ 500	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	95.1	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≤ 1250 ≥ 1000	97.1	97.1	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	97.9	97.9	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≤ 900 ≥ 800	98.0	98.0	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	98.3	98.3	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≤ 700 ≥ 600	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	98.4	98.4	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≤ 500 ≥ 400	98.8	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	98.8	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≤ 300 ≥ 200	98.8	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	98.8	98.8	99.3	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≤ 100 ≥ 0	98.8	98.8	99.3	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.8	98.8	99.3	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1169

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

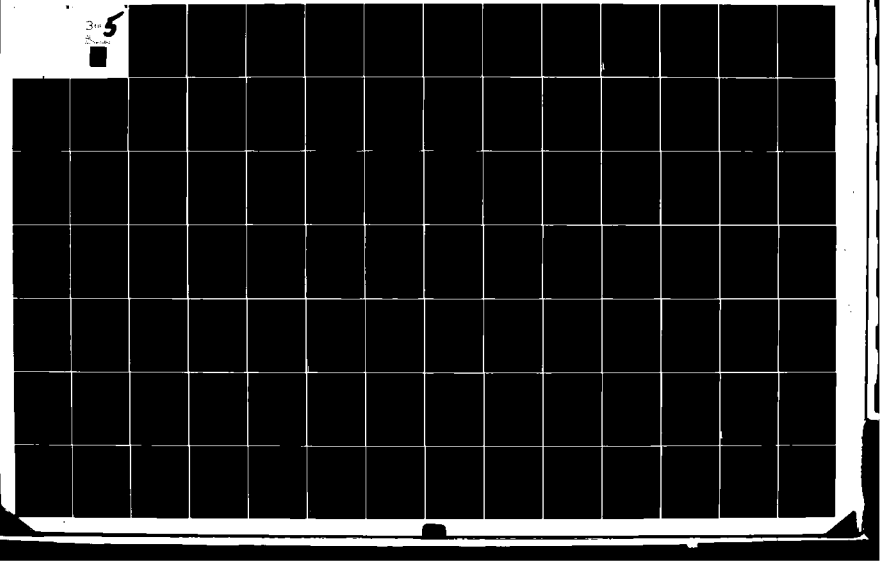
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	<¼
≥ 20000		53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 15000		65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000		66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000		74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000		76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500		83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000		96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500		98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.2	99.6	99.7	99.7	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 1164

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

AD-A088 961 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MORON AB, MORON, SPAIN. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/087 NL



2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS 58-72 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST) 1400-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000 ≥ 16000		69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
		69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000 ≥ 12000		70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
		71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000 ≥ 9000		73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
		74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000 ≥ 7000		76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
		78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000 ≥ 5000		77.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
		81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500 ≥ 4000		83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
		85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500 ≥ 3000		88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
		91.9	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500 ≥ 2000		96.0	96.6	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
		96.9	97.7	97.7	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800 ≥ 1500		97.2	98.1	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		97.4	98.3	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200 ≥ 1000		97.6	98.5	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		97.6	98.5	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900 ≥ 800		97.6	98.5	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		97.8	98.7	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700 ≥ 600		97.8	98.7	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		97.8	98.7	98.8	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400		97.8	98.7	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.8	98.7	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		97.8	98.7	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.8	98.7	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		97.8	98.7	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.8	98.7	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1103

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 58-69 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000		75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000		75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000		75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000		76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000		77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000		80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000		80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000		84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000		86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000		87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000		90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500		91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000		93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500		94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000		95.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500		96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000		97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		98.0	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		98.1	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000		98.2	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		98.2	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		98.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		98.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		98.3	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.3	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.3	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.3	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.3	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.3	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1080

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000		[illegible]														
≥ 18000		81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000		81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000		81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000		82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000		83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000		84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000		86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000		89.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000		90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000		92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000		93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500		94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000		96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800		96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500		96.4	97.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200		96.9	98.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		97.1	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		97.2	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		97.3	98.6	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		97.4	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		97.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		97.7	99.0	99.5	99.9	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 1080

2

DATA PROCESSED UNDER
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME >8=70 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 20000		86.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 18000		85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000		86.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000		85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 12000		84.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000		87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000		86.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000		88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000		89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000		91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000		92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500		93.3	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 4000		94.9	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
≥ 3500		94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5
≥ 3000		96.9	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 2500		95.6	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 2000		96.6	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 1800		96.8	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0
≥ 1500		97.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1200		97.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1000		97.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 900		97.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800		98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 700		98.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600		98.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500		98.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400		98.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300		98.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200		98.0	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100		99.0	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
0		98.0	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1140

DATA PROCESSING DIVISION
USAF ETAC
SCN EAT FA SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 68-76 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

_____ HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7
≥ 20000		81.6	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 18000		81.9	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 16000		81.2	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 14000		81.3	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0
≥ 12000		81.8	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6
≥ 10000		82.6	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
≥ 9000		81.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 8000		84.6	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 7000		85.4	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
≥ 6000		86.4	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 5000		88.2	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥ 4500		88.9	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 4000		90.1	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 3500		90.4	92.0	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8
≥ 3000		91.3	93.2	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 2500		92.5	94.6	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 2000		93.2	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 1800		93.4	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6
≥ 1500		94.0	96.5	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 1200		94.9	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 1000		95.2	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 900		95.4	96.0	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1
≥ 800		95.6	98.2	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 700		95.6	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 600		95.6	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500		95.7	98.5	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 400		95.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300		95.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200		95.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100		95.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
0		95.7	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1140

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 58-70 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING FEET	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		68.6	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000		78.3	79.1	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000		78.4	79.2	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000		78.5	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000		78.9	79.6	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000		79.3	80.3	80.9	80.9	80.9	80.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000		80.0	80.9	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000		80.8	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 8000		82.5	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000		84.4	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000		85.9	87.0	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000		87.8	88.8	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500		88.7	89.7	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000		89.0	90.8	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500		90.0	91.2	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000		91.2	92.4	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500		92.1	93.3	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000		93.4	94.6	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800		94.0	95.2	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500		94.6	95.8	96.1	96.1	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200		95.7	97.0	97.3	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000		96.3	97.7	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900		96.4	97.8	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		96.7	98.0	98.4	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700		96.7	98.2	98.5	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		96.7	98.2	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		96.7	98.2	98.7	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		96.7	98.2	98.8	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		96.7	98.2	98.8	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		96.7	98.2	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100		96.7	98.2	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
0		96.7	98.2	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1105

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

DATA PROCESSED [illegible]
FOR ETAC
[illegible] WEATHER [illegible]

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
		76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000 ≥ 16000		76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
		76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000 ≥ 12000		76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000 ≥ 9000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000 ≥ 7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000 ≥ 5000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500 ≥ 4000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500 ≥ 3000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
		89.5	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500 ≥ 2000		93.1	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
		96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800 ≥ 1500		97.4	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
		98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200 ≥ 1000		99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900 ≥ 800		99.1	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		99.1	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 500		99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400		99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.1	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.1	99.5	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		99.1	99.5	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1176

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

DATA PROCESSING UNIT
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 58-70 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 1200-1800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000 16000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
		74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000 12000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000 9000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000 7000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
		79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000 5000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500 4000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
		85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500 3000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500 2000		95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800 1500		97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200 1000		98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		98.9	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 800		98.9	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 600		99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 400		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 200		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1176

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000		79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000		80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000		82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500		93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000		96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500		97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000		98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500		99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.6	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1137

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

2

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH — HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000		85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 18000		85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000		85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000		87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
		86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 18000 ≥ 16000		86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
		86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000 ≥ 12000		86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
		86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000 ≥ 9000		88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
		88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000 ≥ 7000		90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
		91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000 ≥ 5000		93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
		93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500 ≥ 4000		94.2	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
		95.4	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500 ≥ 3000		95.7	96.4	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
		96.4	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500 ≥ 2000		97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
		97.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800 ≥ 1500		97.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		98.0	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000		98.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		98.2	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800		98.2	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		98.2	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600		98.2	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.2	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1115

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥¼	≥0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 10eC

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

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

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		81.5	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
		86.2	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 18000 ≥ 16000		85.7	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
		85.7	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 14000 ≥ 12000		85.7	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
		85.6	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000 ≥ 9000		87.5	88.8	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
		87.6	88.8	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000 ≥ 7000		87.7	89.9	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
		90.4	90.4	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000 ≥ 5000		89.8	91.0	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
		90.2	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500 ≥ 4000		90.9	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
		91.4	92.6	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500 ≥ 3000		91.9	93.1	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
		92.4	93.7	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500 ≥ 2000		94.3	94.9	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
		96.7	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800 ≥ 1500		96.9	96.4	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
		95.8	97.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200 ≥ 1000		96.7	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		96.9	98.4	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800		97.1	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		97.4	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600		97.4	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		97.5	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400		97.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		97.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		97.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 58-70 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		77.2	78.2	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 20000		77.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000		77.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000		77.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000		78.0	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000		78.5	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000		80.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000		80.6	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 8000		81.5	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000		83.5	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000		83.9	85.1	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000		85.9	87.0	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500		86.9	88.1	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000		87.7	88.9	89.1	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500		89.1	90.2	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000		90.1	91.5	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500		90.7	92.0	92.4	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000		91.6	93.0	93.4	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800		92.5	94.0	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500		94.0	95.7	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		94.9	96.8	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		95.2	97.1	97.7	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900		95.5	97.4	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800		95.6	97.7	98.4	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		95.7	97.9	98.6	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		95.7	98.0	98.8	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		95.7	98.0	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		95.8	98.1	98.8	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		95.8	98.1	98.8	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		95.8	98.1	98.8	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100		95.8	98.1	98.8	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0		95.8	98.1	98.8	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1124

2

DATA PROCESSED [illegible]
SAT ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 56-70 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000 16000		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000 12000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000 9000		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000 7000		81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
		83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000 5000		85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
		85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500 4000		86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
		88.3	88.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500 3000		89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
		91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500 2000		93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
		96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800 1500		96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
		97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200 1000		98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900 800		98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 600		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 400		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 200		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1188

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

2

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ 48-70 YEARS ____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000		78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000		90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500		92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1147

DATA PROCESSED BY USAF ETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 58-76 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000 16000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 14000 12000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000 9000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000 7000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000 5000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500 4000		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500 3000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500 2000		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 1500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200 1000		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 600		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 400		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1105

DATA PROCESSING DIVISION
USAF ETAC
[illegible] AIR WEATHER SERVICE (MAC)

2

CEILING VERSUS VISIBILITY

[illegible] STATION NAME [illegible] YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 18000		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 16000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 12000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 10000		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1080

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

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 18000 ≥ 16000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 14000 ≥ 12000		92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 10000 ≥ 9000		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000 ≥ 7000		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000 ≥ 5000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500 ≥ 4000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500 ≥ 3000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500 ≥ 2000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800 ≥ 1500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	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 1080

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 20000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 18000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 16000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 14000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 12000		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 9000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 8000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 7000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 18000 ≥ 16000		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 14000 ≥ 12000		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 10000 ≥ 9000		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000 ≥ 7000		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000 ≥ 5000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500 ≥ 4000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500 ≥ 3000		96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
		96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500 ≥ 2000		96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
		96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800 ≥ 1500		96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
		97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200 ≥ 1000		98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900 ≥ 800		99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600		99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 2870 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 20000		[illegible]	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 18000		91.5	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 16000		91.5	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 14000		[illegible]	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 12000		[illegible]	92.9	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000		92.6	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000		[illegible]	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000		92.9	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000		[illegible]	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000		93.3	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000		[illegible]	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500		93.5	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000		[illegible]	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500		93.7	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000		[illegible]	94.6	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500		94.0	94.6	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000		[illegible]	94.7	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		95.3	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500		[illegible]	96.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200		94.9	96.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		[illegible]	96.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		97.3	98.6	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		[illegible]	98.6	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		97.3	98.7	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		[illegible]	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.3	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		[illegible]	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.3	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		[illegible]	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.3	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		[illegible]	98.7	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 18000 ≥ 16000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 14000 ≥ 12000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000 ≥ 9000		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000 ≥ 7000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 6000 ≥ 5000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500 ≥ 4000		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500 ≥ 3000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500 ≥ 2000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800 ≥ 1500		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200 ≥ 1000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800		99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1182

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

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 18000 ≥ 16000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 14000 ≥ 12000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 10000 ≥ 9000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000 ≥ 7000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000 ≥ 5000		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500 ≥ 4000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500 ≥ 3000		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500 ≥ 2000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	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 1162

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 18000 ≥ 16000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 14000 ≥ 12000		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 10000 ≥ 9000		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000 ≥ 7000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000 ≥ 5000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4500 ≥ 4000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500 ≥ 3000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		100.0	100.0	100.0	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 ≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	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 1149

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 7/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS 1113

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

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 20000		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 18000		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 16000		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 14000		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 12000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 10000		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 9000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 8000		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 7000		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
		96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
< 20000 ≥ 18000		96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
< 18000 ≥ 14000		96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
		96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
< 14000 ≥ 10000		97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
< 10000 ≥ 8000		97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
< 8000 ≥ 6000		98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
< 6000 ≥ 4500		98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
< 4500 ≥ 3500		98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
< 3500 ≥ 2500		98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
< 2500 ≥ 1800		99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 1800 ≥ 1200		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 1200 ≥ 900		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 900 ≥ 700		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 700 ≥ 500		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 300		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 100		99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1118

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

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.4
≥ 20000		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 18000		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 16000		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 14000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 12000		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 10000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 9000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 8000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 7000		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 6000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 5000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 4500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 4000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 3500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 3000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 2000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1500		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1200		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 900		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 800		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING Feet	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 18000 ≥ 16000		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000 ≥ 12000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 10000 ≥ 9000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000 ≥ 7000		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000 ≥ 5000		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500 ≥ 4000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500 ≥ 3000		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500 ≥ 2000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800 ≥ 1500		97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200 ≥ 1000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900 ≥ 800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700 ≥ 600		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500 ≥ 400		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300 ≥ 200		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 100 0		99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1140

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 58-70 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		90.3 93.4	90.8 93.7	90.8 93.7	90.8 93.7	90.8 93.7	90.8 93.7	90.8 93.7	90.8 93.7	90.8 93.7	90.8 94.7	90.8 93.7	90.8 94.7	90.8 93.7	90.8 94.7	90.8 93.7
IV ≥ 18000 16000		93.6 93.5	93.8 94.0	93.8 93.8	93.8 94.0	93.8 93.8	93.8 93.8	93.8 93.8	93.8 93.8	93.8 93.8	93.8 94.8	93.8 93.8	93.8 94.8	93.8 93.8	93.8 94.8	93.8 93.8
IV ≥ 14000 12000		93.7 94.4	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7	93.9 94.7
IV ≥ 10000 9000		94.8 95.0	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3
IV ≥ 8000 7000		95.4 95.4	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7
IV ≥ 6000 5000		95.4 95.7	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9	95.7 95.9
IV ≥ 4500 4000		95.6 96.0	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3	96.0 96.3
IV ≥ 3500 3000		96.3 96.7	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0	96.5 97.0
IV ≥ 2500 2000		97.3 97.9	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1
IV ≥ 1800 1500		98.1 98.[illegible]	98.4 99.3	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4	98.4 99.4
IV ≥ 1200 1000		99.2 99.2	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV ≥ 900 800		99.3 99.3	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV ≥ 700 600		99.3 99.3	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV ≥ 500 400		99.4 99.4	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 300 200		99.4 99.4	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 100 0		99.4 99.4	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1143

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 18000 ≥ 16000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 14000 ≥ 12000		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 10000 ≥ 9000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000 ≥ 7000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000 ≥ 5000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
		97.2	97.2	97.2	97.2	97.2	97.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500 ≥ 4000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500 ≥ 3000		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500 ≥ 2000		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800 ≥ 1500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		100.0	100.0	100.0	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 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	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 1140

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

2

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ 58-70 YEARS ____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 18000 ≥ 16000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 14000 ≥ 12000		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 10000 ≥ 9000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000 ≥ 7000		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000 ≥ 5000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500 ≥ 4000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500 ≥ 3000		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500 ≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	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 ≥ 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	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	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 1142

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

CEILING VERSUS VISIBILITY

STATION NAME YEARS HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 20000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 18000		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 16000		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 14000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 12000		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 10000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 9000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 8000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 7000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 6000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	100.0
≥ 700		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	100.0
≥ 500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	100.0
≥ 300		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	100.0
≥ 100		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		100.0	100.0	100.0	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 1117

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 20000																
≥ 18000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 16000																
≥ 14000		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 12000																
≥ 10000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 9000																
≥ 8000		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000																
≥ 6000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000																
≥ 4500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

2

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000 ≥ 16000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 14000 ≥ 12000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000 ≥ 9000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000 ≥ 7000	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000 ≥ 5000	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500 ≥ 4000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500 ≥ 3000	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500 ≥ 2000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800 ≥ 1500	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200 ≥ 1000	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 10.0

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
		86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 18000 ≥ 16000		86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
		86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 14000 ≥ 12000		86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
		87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000 ≥ 9000		89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
		90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000 ≥ 7000		91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
		91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000 ≥ 5000		92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
		92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500 ≥ 4000		92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
		93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500 ≥ 3000		94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
		95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500 ≥ 2000		95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
		96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800 ≥ 1500		96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
		97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200 ≥ 1000		98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800		98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600		99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1040

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

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ YEARS ____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		72.3	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000		78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000		79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000		79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000		79.4	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000		80.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000		83.5	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000		84.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000		86.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000		87.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000		88.5	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000		89.6	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		89.9	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000		90.4	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500		91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000		91.8	92.8	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500		92.4	93.5	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000		93.5	94.9	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800		94.2	95.3	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500		95.1	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200		96.3	97.7	98.5	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		96.6	98.1	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		96.7	98.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		96.8	98.5	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		96.8	98.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		96.8	98.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		96.8	98.5	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		96.8	98.5	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		96.8	98.5	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		96.8	98.5	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		96.8	98.5	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0		96.8	98.5	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1101

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 18000 ≥ 16000		82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
		82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 14000 ≥ 12000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000 ≥ 9000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000 ≥ 7000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000 ≥ 5000		90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500 ≥ 4000		91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500 ≥ 3000		92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
		94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500 ≥ 2000		95.6	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
		96.9	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800 ≥ 1500		97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
		98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200 ≥ 1000		98.7	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.0	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1143

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3½	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾
≥ 20000	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	96.3	96.4	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	97.9	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	99.0	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.3	99.6	99.7	99.8	99.9	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 11m3

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 25000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000 ≥ 16000		84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
		84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000 ≥ 12000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000 ≥ 9000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000 ≥ 7000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000 ≥ 5000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500 ≥ 4000		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500 ≥ 3000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500 ≥ 2000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800 ≥ 1500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1103

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000 ≥ 16000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000 ≥ 12000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000 ≥ 9000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 8000 ≥ 7000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000 ≥ 5000		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500 ≥ 4000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500 ≥ 3000		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500 ≥ 2000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800 ≥ 1500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200 ≥ 1000		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1042

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 20000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 18000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 16000		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 12000		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1040

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5
		79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 18000 ≥ 16000		79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
		79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 14000 ≥ 12000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 10000 ≥ 9000		81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 8000 ≥ 7000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 6000 ≥ 5000		88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 4500 ≥ 4000		90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
		91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 3500 ≥ 3000		92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
		93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 2500 ≥ 2000		93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
		94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 1800 ≥ 1500		95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
		96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200 ≥ 1000		96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
		97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 900 ≥ 800		97.8	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 700 ≥ 600		97.9	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
		98.0	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500 ≥ 400		98.1	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
		98.2	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300 ≥ 200		98.2	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
		98.2	98.8	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 100 0		98.2	98.8	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
		98.2	98.8	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1117

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		72.3	73.3	73.4	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0
≥ 20000		77.1	77.1	77.2	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 18000		77.1	77.1	77.2	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 16000		77.1	77.1	77.2	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.8
≥ 14000		77.4	77.4	77.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1
≥ 12000		77.6	77.6	77.7	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5
≥ 10000		79.3	79.3	79.4	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
≥ 9000		80.3	80.3	80.4	80.4	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0
≥ 8000		82.2	82.2	82.3	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0
≥ 7000		84.4	84.4	84.5	84.5	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 6000		86.1	86.1	86.2	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9
≥ 5000		87.6	87.6	87.6	87.6	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5
≥ 4500		88.2	88.4	88.4	88.4	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2
≥ 4000		88.9	89.1	89.1	89.1	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9
≥ 3500		89.4	89.6	89.6	89.6	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥ 3000		91.1	91.3	91.3	91.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1
≥ 2500		91.8	91.9	91.9	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7
≥ 2000		93.0	93.2	93.2	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.0
≥ 1800		93.4	93.6	93.6	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
≥ 1500		94.3	94.7	94.7	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5
≥ 1200		95.3	95.5	95.5	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 1000		96.2	96.3	96.3	96.4	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
≥ 900		96.4	96.7	96.9	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8
≥ 800		96.8	97.0	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2
≥ 700		97.0	97.3	97.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
≥ 600		97.1	97.4	97.7	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 500		97.2	97.5	97.8	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0
≥ 400		97.4	97.6	97.9	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
≥ 300		97.3	97.6	97.9	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
≥ 200		97.3	97.6	97.9	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5
≥ 100		97.3	97.6	97.9	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.6
≥ 0		97.3	97.6	97.9	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1117

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 58-72 MONTH OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		65.1	65.8	65.8	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 20000		73.8	73.6	73.7	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.4
≥ 18000		73.8	73.8	73.9	73.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 16000		73.8	73.8	73.9	73.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 14000		73.6	74.6	74.6	74.7	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.4
≥ 12000		74.9	75.7	75.7	75.7	75.7	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.4
≥ 10000		77.2	78.0	78.0	78.1	78.1	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 9000		78.8	79.4	79.4	79.5	79.5	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥ 8000		80.8	81.5	81.5	81.6	81.6	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.5
≥ 7000		83.0	84.0	84.0	84.1	84.1	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	85.0
≥ 6000		83.5	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.8
≥ 5000		85.9	86.7	86.8	86.9	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.8
≥ 4500		87.9	88.4	88.5	88.6	88.6	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.5
≥ 4000		89.0	89.9	90.0	90.1	90.1	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.8	91.0
≥ 3500		89.6	90.5	90.6	90.7	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.7
≥ 3000		90.8	91.7	91.7	91.8	91.8	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.8
≥ 2500		91.5	92.4	92.4	92.5	92.5	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.5
≥ 2000		92.8	93.7	93.8	93.8	93.8	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	95.0
≥ 1800		93.1	94.0	94.1	94.2	94.2	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.3
≥ 1500		93.4	94.3	94.4	94.5	94.5	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.7
≥ 1200		94.3	95.3	95.4	95.7	95.7	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.8	97.1
≥ 1000		94.9	95.9	96.1	96.5	96.5	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.9
≥ 900		94.9	96.0	96.3	96.7	96.7	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.8	98.1
≥ 800		95.0	96.1	96.4	96.7	96.7	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.9	98.0	98.2
≥ 700		95.2	96.3	96.6	97.0	97.0	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.5
≥ 600		95.3	96.5	96.7	97.2	97.3	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.5	98.8
≥ 500		95.4	96.6	96.8	97.3	97.4	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.7	98.8	99.0
≥ 400		95.6	96.7	97.0	97.5	97.6	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.9	99.0	99.3
≥ 300		95.6	96.8	97.1	97.5	97.7	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.2	99.3	99.6
≥ 200		95.6	96.8	97.1	97.5	97.7	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.2	99.3	99.6
≥ 100		95.6	96.8	97.1	97.5	97.7	98.4	98.8	98.8	99.0	99.1	99.1	99.1	99.3	99.4	99.6
≥ 0		95.6	96.8	97.1	97.5	97.7	98.4	98.8	98.8	99.0	99.1	99.1	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1138

2

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		64.9	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 20000		72.1	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.7
≥ 18000		72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	73.0
≥ 16000		72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.1
≥ 14000		73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.5
≥ 12000		73.7	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3
≥ 10000		76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.9
≥ 9000		78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.9
≥ 8000		80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.5
≥ 7000		83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.9
≥ 6000		84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.6
≥ 5000		86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.4
≥ 4500		87.5	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.5
≥ 4000		89.1	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.9
≥ 3500		90.2	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	91.0
≥ 3000		91.4	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.4
≥ 2500		92.8	93.2	93.4	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.2
≥ 2000		94.3	95.2	95.4	95.4	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.2
≥ 1800		95.0	95.4	95.6	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.5
≥ 1500		95.4	95.9	96.1	96.3	96.4	96.5	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.2
≥ 1200		96.3	96.7	97.0	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9	98.1
≥ 1000		96.9	97.3	97.6	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.7
≥ 900		97.4	97.8	98.1	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.2
≥ 800		97.4	97.8	98.1	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.2
≥ 700		97.6	98.1	98.3	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.5
≥ 600		97.7	98.2	98.5	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.7
≥ 500		97.7	98.2	98.5	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 400		97.7	98.2	98.5	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7
≥ 300		97.7	98.2	98.5	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.8
≥ 200		97.7	98.2	98.5	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.8
≥ 100		97.7	98.2	98.5	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.5	99.7	99.7	99.7	99.9
0		97.7	98.2	98.5	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1164

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

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 58-72 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR [illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
		69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000 ≥ 16000		69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
		70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000 ≥ 12000		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000 ≥ 9000		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000 ≥ 7000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
		81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000 ≥ 5000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500 ≥ 4000		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
		87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500 ≥ 3000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
		92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500 ≥ 2000		95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
		98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800 ≥ 1500		98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200 ≥ 1000		99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800		99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1182

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000 ≥ 16000		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
		69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000 ≥ 12000		69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
		70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000 ≥ 9000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000 ≥ 7000		79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
		82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000 ≥ 5000		84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
		85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500 ≥ 4000		86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
		89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500 ≥ 3000		91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
		94.3	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500 ≥ 2000		96.3	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
		97.4	97.7	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800 ≥ 1500		97.5	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		97.9	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200 ≥ 1000		98.8	99.0	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		98.8	98.8	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800		98.8	98.8	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		98.8	98.8	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700 ≥ 600		98.9	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		98.1	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400		98.1	98.7	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.1	98.7	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		98.1	98.7	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.1	98.7	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		98.1	98.7	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.1	98.7	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1146

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000		73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000		73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000		73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000		74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000		74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000		77.0	77.0	77.0	77.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000		78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000		81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000		84.2	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000		86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000		88.5	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500		89.1	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000		91.1	91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500		92.7	93.2	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000		94.4	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500		95.7	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000		96.1	96.5	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800		96.4	96.9	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		96.9	97.4	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		97.4	97.8	98.5	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		97.3	97.8	98.5	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		97.3	97.8	98.5	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		97.3	97.9	98.6	98.8	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		97.4	97.9	98.7	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		97.4	97.9	98.7	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		97.5	98.0	98.7	99.0	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		97.6	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.6	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.6	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.6	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		97.6	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1117

2

CEILING VERSUS VISIBILITY

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
		80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000 ≥ 16000		80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
		80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000 ≥ 12000		80.9	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
		81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000 9000		83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
		83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000 7000		85.7	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
		87.5	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000 5000		89.2	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
		90.4	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500 4000		91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
		92.2	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500 3000		93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
		94.8	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500 2000		95.3	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
		96.7	96.1	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800 1500		96.2	96.3	96.9	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
		96.4	97.0	97.5	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200 1000		96.7	97.2	97.8	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
		97.2	97.8	98.3	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900 800		97.2	97.8	98.5	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		97.4	98.0	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700 600		97.4	98.0	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		97.6	98.2	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 400		97.5	98.2	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.6	98.2	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 200		97.6	98.2	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.6	98.2	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0		97.6	98.2	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.6	98.2	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8	64.8	64.8
≥ 20000		70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2
≥ 18000		70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2
≥ 16000		70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2
≥ 14000		71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4	71.4	71.4
≥ 12000		71.2	71.3	71.4	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6
≥ 10000		72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.2	73.2
≥ 9000		74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.5	74.5	74.5
≥ 8000		76.5	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.7	76.7	76.7
≥ 7000		78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.1	79.1	79.1
≥ 6000		80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 5000		84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.7	84.7	84.7
≥ 4500		86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.5
≥ 4000		87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.4	88.4	88.5	88.5
≥ 3500		89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.5
≥ 3000		91.9	92.2	92.2	92.2	92.4	92.3	92.3	92.3	92.4	92.4	92.5	92.6	92.6	92.7	92.7
≥ 2500		93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.7	93.8	93.8	93.9	93.9
≥ 2000		94.3	94.7	94.8	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4
≥ 1800		94.4	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.6
≥ 1500		95.0	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.9	96.9	97.0	97.0
≥ 1200		96.2	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.3	97.3	97.4	97.4
≥ 1000		96.4	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7
≥ 900		96.6	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.8	97.8	97.9	97.9
≥ 800		96.6	96.9	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.9	98.0	98.0	98.1	98.1
≥ 700		96.6	96.9	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.9	98.0	98.0	98.1	98.1
≥ 600		96.6	96.9	97.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.2	98.3	98.3
≥ 500		96.6	96.9	97.3	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.6	98.6
≥ 400		96.9	97.3	97.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3
≥ 300		96.9	97.3	97.7	98.2	98.7	98.9	98.9	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4
≥ 200		96.9	97.4	97.8	98.3	98.8	99.1	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.6
≥ 100		97.0	97.5	97.9	98.4	99.0	99.3	99.3	99.3	99.4	99.4	99.6	99.8	99.8	99.9	99.9
≥ 0		97.0	97.5	97.9	98.4	99.0	99.3	99.3	99.3	99.4	99.4	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1076

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥⅜	≥¼	≥0
NO CEILING ≥ 20000	61.4	61.4	61.5	61.7	61.7	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000 ≥ 16000	66.3	66.4	66.6	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000 ≥ 12000	66.3	66.4	66.6	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000 ≥ 9000	66.3	66.4	66.6	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000 ≥ 7000	68.3	68.4	68.6	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000 ≥ 5000	71.0	72.2	72.3	72.6	72.6	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500 ≥ 4000	74.4	74.6	74.9	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500 ≥ 3000	77.0	77.3	77.4	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500 ≥ 2000	81.2	81.4	81.7	82.2	82.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800 ≥ 1500	83.1	83.6	83.8	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200 ≥ 1000	86.2	86.4	86.9	87.5	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 900 ≥ 800	88.7	88.8	88.3	89.0	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700 ≥ 600	89.7	89.9	90.0	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.3	91.3	91.4
≥ 500 ≥ 400	91.2	91.6	91.7	92.4	92.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.4	93.4	93.5
≥ 300 ≥ 200	91.7	92.1	92.2	92.9	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.0
≥ 100 0	91.1	92.9	93.1	93.9	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.6	95.2	95.4	95.4	95.5
	91.2	93.0	93.2	94.1	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	95.5	95.7	95.7	95.8
	91.7	93.7	93.9	94.7	94.7	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	96.2	96.4	96.4	96.5
	91.9	93.9	94.1	95.0	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	96.5	96.7	96.7	96.8
	92.2	94.2	94.3	95.4	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.8	96.9	96.9	97.0
	92.2	94.2	94.3	95.4	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.8	96.9	96.9	97.0
	92.2	94.2	94.3	95.4	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.8	96.9	96.9	97.0
	92.4	94.4	94.6	95.6	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.8	97.4	97.4	97.4	97.5
	92.5	94.6	94.8	95.8	95.8	96.6	97.0	97.0	97.0	97.0	97.0	97.2	97.8	97.8	98.0	98.0	98.1
	92.5	94.8	95.0	96.0	96.0	96.8	97.3	97.3	97.4	97.4	97.4	97.6	98.1	98.2	98.4	98.4	98.5
	92.5	94.8	95.0	96.0	96.0	96.8	97.3	97.3	97.4	97.5	97.5	97.8	98.4	98.5	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1077

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS 11,1

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

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		51.0	51.4	51.5	51.7	51.8	51.9	51.9	51.9	51.9	52.1	52.1	52.2	52.2	52.2	52.3
≥ 20000		61.0	62.0	62.7	62.9	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000		61.9	62.6	62.7	62.9	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000		62.0	62.6	62.7	62.9	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000		63.6	64.3	64.5	64.7	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.4
≥ 12000		63.7	64.3	64.5	64.7	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.4
≥ 10000		67.7	68.3	68.5	68.7	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.6
≥ 9000		67.8	68.4	68.6	68.8	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.7
≥ 8000		70.5	71.2	71.4	71.6	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.5
≥ 7000		71.0	72.7	72.9	73.1	73.4	73.5	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.8
≥ 6000		74.3	75.2	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.4
≥ 5000		74.4	75.3	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.5
≥ 4500		77.1	77.9	78.2	78.5	78.6	78.6	78.7	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.2
≥ 4000		77.2	78.0	78.3	78.6	78.7	78.7	78.8	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.3
≥ 3500		80.3	81.2	81.5	81.8	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.5
≥ 3000		80.4	81.3	81.6	81.9	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.6
≥ 2500		83.4	84.2	84.4	84.6	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.3
≥ 2000		83.5	84.3	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.4
≥ 1800		86.4	87.1	87.4	87.6	87.8	87.8	87.9	87.9	87.9	88.1	88.1	88.2	88.2	88.2	88.4
≥ 1500		86.5	87.2	87.5	87.7	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.5
≥ 1200		88.6	89.4	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.7
≥ 1000		88.7	89.5	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.5	90.5	90.6	90.6	90.6	90.8
≥ 900		90.7	91.5	91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.6	92.6	92.6	92.8
≥ 800		90.8	91.6	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.9
≥ 700		91.3	92.1	92.4	92.6	92.8	92.8	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.4
≥ 600		91.4	92.2	92.5	92.7	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.5
≥ 500		92.0	92.8	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.8	93.8	93.9	93.9	93.9	94.1
≥ 400		92.1	92.9	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.2
≥ 300		92.7	93.6	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.9
≥ 200		92.8	93.7	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.7	94.7	94.8	94.8	94.8	95.0
≥ 100		93.0	93.8	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.8	94.8	94.9	94.9	94.9	95.1
0		93.0	93.8	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.8	94.8	94.9	94.9	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1148

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 70 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	0
NO CEILING		47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000		59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000		59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000		60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000		61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000		62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000		64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000		66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000		74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000		76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000		78.7	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500		80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000		82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500		84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000		87.8	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500		90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800		94.9	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500		95.7	96.3	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1200		96.9	97.1	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1000		96.8	97.4	97.7	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 900		97.3	97.9	98.1	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800		97.3	98.1	98.3	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 700		97.3	98.1	98.3	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 600		97.5	98.1	98.5	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 500		97.7	98.3	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400		97.7	98.3	98.7	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300		97.7	98.3	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200		97.7	98.3	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		97.7	98.3	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0		97.7	98.3	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1135

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

CEILING VERSUS VISIBILITY

STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000		59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000		59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000		60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000		67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000		81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500		82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000		85.9	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		87.3	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000		89.7	89.8	90.1	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500		92.1	92.2	92.5	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000		94.7	95.0	95.0	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		94.9	95.3	95.9	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		95.5	95.8	96.6	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200		96.6	97.0	97.8	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000		96.9	97.4	98.2	98.3	98.6	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 900		97.0	97.5	98.4	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 800		97.2	97.7	98.6	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700		97.2	97.7	98.7	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		97.4	97.9	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1101

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6
		63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 18000 ≥ 16000		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5
		63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5
≥ 14000 ≥ 12000		64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
≥ 10000 ≥ 9000		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
		69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8
≥ 8000 ≥ 7000		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8
		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9
≥ 6000 ≥ 5000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2
		82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 4500 ≥ 4000		84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
		86.3	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
≥ 3500 ≥ 3000		88.3	88.4	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
		90.6	90.7	91.0	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 2500 ≥ 2000		92.4	92.7	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
		94.6	95.1	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1800 ≥ 1500		95.0	95.5	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
		96.6	96.6	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 1200 ≥ 1000		96.9	97.0	97.3	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
		98.4	97.2	97.7	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 900 ≥ 800		96.9	97.6	98.1	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
		96.9	97.7	98.1	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 700 ≥ 600		97.1	97.9	98.3	98.4	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
		97.3	98.2	98.7	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400		97.3	98.2	98.7	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
		97.4	98.3	98.8	98.9	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200		97.5	98.4	98.9	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
		97.5	98.4	98.9	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		97.5	98.4	98.9	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
		97.5	98.4	98.9	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1000

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

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		63.4	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.4	64.4	64.4
≥ 18000 ≥ 16000		69.2	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.9	69.9	70.0
≥ 14000 ≥ 12000		69.1	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.1	70.1	70.2
≥ 10000 ≥ 9000		71.5	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.5	72.5	72.6
≥ 8000 ≥ 7000		75.6	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.6	76.7
≥ 6000 ≥ 5000		81.1	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.1	82.1	82.2
≥ 4500 ≥ 4000		86.9	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.0	87.1
≥ 3500 ≥ 3000		89.4	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.8	90.9
≥ 2500 ≥ 2000		93.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	95.0	95.1	95.1	95.2
≥ 1800 ≥ 1500		94.6	95.6	95.9	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.5	96.6	96.6	96.7
≥ 1200 ≥ 1000		95.5	96.5	96.9	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.6	97.7	97.7	97.8
≥ 900 ≥ 800		95.7	97.0	97.5	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.5	98.5	98.6
≥ 700 ≥ 600		96.0	97.3	97.8	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.7	98.8	98.8	98.9
≥ 500 ≥ 400		96.1	97.4	98.1	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.4	99.4	99.4
≥ 300 ≥ 200		96.1	97.6	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.5	99.5	99.6
≥ 100 ≥ 0		96.3	97.7	98.3	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 1000

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

DATA PROCESSED AT ETAC
SAF ETAC
USAF ETAC SERVICE/AWS

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		61.1	61.5	61.5	61.6	61.7	61.7	62.0	62.2	62.4	62.6	62.4	62.6	62.8	62.8
≥ 18000 ≥ 16000		64.8	65.1	65.1	65.3	65.4	65.6	65.7	65.9	66.0	66.2	66.0	66.2	66.3	66.4
≥ 14000 ≥ 12000		65.0	65.3	65.4	65.5	65.6	65.8	65.9	66.1	66.2	66.3	66.2	66.5	66.7	66.9
≥ 10000 ≥ 9000		66.7	67.0	67.0	67.2	67.3	67.5	67.6	67.7	67.9	67.9	67.9	68.2	68.4	68.7
≥ 8000 ≥ 7000		71.0	71.3	71.3	71.5	71.6	71.8	71.9	72.0	72.2	72.3	72.2	72.5	72.8	72.9
≥ 6000 ≥ 5000		74.4	74.8	74.8	75.1	75.2	75.4	75.4	75.6	75.8	75.8	75.8	76.1	76.1	76.2
≥ 4500 ≥ 4000		79.1	79.7	79.7	79.9	80.0	80.2	80.3	80.5	80.6	80.6	80.6	80.9	80.9	81.0
≥ 3500 ≥ 3000		83.0	83.5	83.6	83.9	84.0	84.1	84.2	84.4	84.6	84.6	84.6	84.9	84.9	84.9
≥ 2500 ≥ 2000		88.0	88.3	88.6	88.9	89.2	89.3	89.4	89.6	89.8	89.8	89.8	90.1	90.1	90.1
≥ 1800 ≥ 1500		89.3	90.1	90.6	90.9	91.1	91.3	91.4	91.6	91.8	91.8	91.8	92.0	92.0	92.1
≥ 1200 ≥ 1000		90.5	91.5	92.2	92.5	92.6	93.1	93.2	93.4	93.5	93.5	93.5	93.8	93.8	93.9
≥ 900 ≥ 800		91.3	92.7	93.5	93.8	94.0	94.8	94.9	95.1	95.3	95.3	95.3	95.5	95.5	95.7
≥ 700 ≥ 600		91.6	93.2	94.2	94.4	95.1	95.4	95.5	95.7	95.9	95.9	95.9	96.1	96.1	96.3
≥ 500 ≥ 400		92.0	93.7	94.9	95.3	96.1	96.6	96.7	96.9	97.0	97.0	97.0	97.3	97.3	97.5
≥ 300 ≥ 200		92.4	94.2	95.3	95.7	96.5	97.0	97.1	97.5	97.7	97.7	97.7	97.9	97.9	98.1
≥ 100 0		92.5	94.3	95.4	95.8	96.6	97.1	97.3	97.8	98.0	98.0	98.0	98.4	98.4	99.4 / 100.0

TOTAL NUMBER OF OBSERVATIONS 1116

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 50-69 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		58.6	59.4	60.0	60.8	60.9	61.2	61.6	61.6	61.9	61.9	61.9	62.3	62.6	62.6	63.1
		62.6	63.1	63.7	64.4	64.6	64.9	65.2	65.2	65.4	65.6	65.6	66.0	66.3	66.3	66.8
≥ 18000 16000		62.0	63.1	63.7	64.4	64.6	64.9	65.2	65.2	65.6	65.6	65.6	65.9	66.3	66.3	66.8
		62.0	63.1	63.7	64.4	64.6	64.9	65.2	65.2	65.6	65.6	65.6	65.9	66.3	66.3	66.8
≥ 14000 12000		62.4	63.4	64.1	64.8	65.0	65.2	65.6	65.6	65.9	65.9	65.9	66.3	66.7	66.7	67.1
		62.5	63.5	64.2	64.9	65.1	65.3	65.7	65.7	66.0	66.0	66.0	66.4	66.8	66.8	67.2
≥ 10000 9000		63.6	64.8	65.4	66.1	66.3	66.6	66.9	66.9	67.3	67.3	67.3	67.7	68.0	68.0	68.5
		64.4	65.6	66.2	66.9	67.1	67.4	67.7	67.7	68.1	68.1	68.1	68.5	68.8	68.8	69.3
≥ 8000 7000		66.6	67.7	68.4	69.1	69.3	69.6	69.9	69.9	70.3	70.3	70.3	70.6	71.0	71.0	71.4
		67.8	69.0	69.6	70.3	70.5	70.8	71.1	71.1	71.5	71.5	71.5	71.9	72.2	72.2	72.7
≥ 6000 5000		69.8	70.1	70.7	71.5	71.7	72.0	72.3	72.3	72.7	72.7	72.7	73.0	73.4	73.4	73.8
		71.6	72.8	73.5	74.3	74.5	74.7	75.1	75.1	75.4	75.4	75.4	75.8	76.2	76.2	76.6
≥ 4500 4000		74.7	75.1	76.7	77.5	77.7	78.0	78.3	78.3	78.7	78.7	78.7	79.0	79.4	79.4	79.8
		76.2	77.5	78.1	78.9	79.1	79.4	79.7	79.7	80.1	80.1	80.1	80.5	80.8	80.8	81.3
≥ 3500 3000		77.9	79.2	79.8	80.6	80.8	81.1	81.5	81.5	81.8	81.8	81.8	82.2	82.5	82.5	83.0
		80.8	82.2	82.9	83.8	84.0	84.3	84.7	84.7	85.0	85.0	85.0	85.3	85.9	85.9	86.4
≥ 2500 2000		82.7	84.1	85.2	86.1	86.3	86.7	87.1	87.1	87.5	87.5	87.5	87.9	88.4	88.4	88.8
		84.7	86.3	87.5	88.7	88.9	89.3	89.7	89.7	90.1	90.1	90.1	90.5	90.9	90.9	91.4
≥ 1800 1500		84.9	86.5	87.7	88.9	89.2	89.6	90.0	90.0	90.3	90.3	90.3	90.8	91.2	91.2	91.7
		85.3	86.9	88.2	89.3	89.6	90.1	90.6	90.6	90.9	90.9	90.9	91.4	91.8	91.8	92.3
≥ 1200 1000		85.9	87.7	89.4	90.6	91.0	91.6	92.1	92.1	92.5	92.5	92.5	92.9	93.4	93.4	93.8
		86.3	88.4	90.3	91.6	92.1	92.7	93.4	93.5	93.8	93.8	93.8	94.3	94.7	94.7	95.2
≥ 900 800		86.6	88.7	90.8	92.2	92.6	93.2	93.8	93.9	94.3	94.3	94.3	94.7	95.2	95.2	95.8
		86.9	89.1	91.2	92.7	93.0	93.6	94.4	94.4	94.8	94.8	94.8	95.3	95.7	95.7	96.1
≥ 700 600		86.8	89.2	91.3	92.8	93.2	93.8	94.5	94.6	95.0	95.0	95.0	95.4	95.9	95.9	96.3
		86.9	89.2	91.5	93.0	93.4	94.0	94.7	94.8	95.2	95.2	95.2	95.6	96.1	96.1	96.5
≥ 500 400		87.2	89.6	92.1	93.6	94.1	94.7	95.4	95.5	95.9	95.9	95.9	96.3	96.8	96.8	97.2
		87.4	89.9	92.4	93.9	94.4	95.1	95.9	96.0	96.3	96.3	96.3	96.8	97.2	97.2	97.7
≥ 300 200		87.4	89.9	92.4	93.9	94.4	95.1	96.1	96.1	96.5	96.5	96.5	97.0	97.5	97.5	97.9
		87.4	89.9	92.4	93.9	94.4	95.1	96.1	96.3	96.7	96.7	96.7	97.1	97.8	97.8	98.6
≥ 100 0		87.4	89.9	92.4	93.9	94.4	95.1	96.1	96.4	96.8	96.8	96.8	97.2	97.9	98.0	99.2
		87.4	89.9	92.4	93.9	94.4	95.1	96.1	96.4	96.9	96.9	96.9	97.3	98.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 0
NO CEILING		[illegible]	[illegible]	57.6	57.7	57.7	58.0	58.2	58.4	58.4	58.6	58.7	[illegible]	58.9	[illegible]
≥ 20000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000		[illegible]	[illegible]	61.5	61.6	61.6	62.1	62.2	62.4	62.4	62.7	62.7	62.9	63.1	64.4
≥ 16000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000		61.1	61.0	61.9	62.0	62.0	62.4	62.6	62.8	62.8	63.0	63.0	63.2	63.5	64.7
≥ 10000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000		61.5	62.4	63.3	63.4	63.4	63.8	64.0	64.2	64.2	64.4	64.4	64.6	64.9	66.1
≥ 8000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000		64.5	65.4	66.3	66.4	66.4	66.6	67.0	67.2	67.2	67.4	67.4	67.6	67.9	69.1
≥ 6000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000		67.3	68.4	69.3	69.4	69.4	69.8	70.0	70.1	70.1	70.4	70.4	70.8	71.0	72.3
≥ 4500		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		71.4	72.7	73.6	73.7	73.7	74.1	74.3	74.5	74.5	74.7	74.7	75.1	75.3	76.4
≥ 3500		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000		[illegible]	76.6	77.4	77.6	77.7	78.2	78.4	78.6	78.6	78.8	78.8	79.2	79.5	80.7
≥ 2500		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000		82.4	82.0	83.0	83.2	83.6	84.2	84.5	84.6	84.6	85.0	85.0	85.4	85.9	87.1
≥ 1800		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500		83.3	84.4	85.4	86.1	86.2	86.8	87.1	87.3	87.4	87.7	87.7	88.2	88.7	89.9
≥ 1200		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000		84.2	86.7	87.9	88.6	88.7	89.2	89.7	89.9	90.0	90.3	90.3	91.0	91.5	92.7
≥ 900		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800		84.9	87.0	89.2	90.0	90.1	90.9	91.1	91.3	91.4	91.7	91.7	92.4	92.9	94.1
≥ 700		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600		88.3	88.0	89.8	91.0	91.2	92.0	92.4	92.5	92.6	93.0	93.0	93.6	94.1	95.4
≥ 500		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400		85.9	88.7	90.7	92.2	92.4	93.2	93.6	93.8	93.9	94.2	94.2	94.9	95.4	96.9
≥ 300		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200		85.9	88.7	90.7	92.3	92.4	93.2	93.8	93.9	94.0	94.4	94.4	95.1	95.6	97.1
≥ 100		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0		85.9	88.7	90.7	92.3	92.4	93.2	93.8	93.9	94.0	94.4	94.4	95.1	95.6	97.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

CEILING VERSUS VISIBILITY

STATION NAME _____ YEARS 58-70 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		55.4	55.4	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.4	56.5	56.6	57.4
		61.4	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.6	62.6	62.7	63.6
≥ 18000 ≥ 16000		61.5	61.7	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.7	62.8	62.9	63.7
		61.6	61.8	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.8	62.9	63.0	63.8
≥ 14000 ≥ 12000		61.9	62.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	63.1	63.1	63.2	64.1
		62.2	62.2	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.9	63.2	63.3	63.4	64.2
≥ 10000 ≥ 9000		63.3	63.3	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.5	64.6	64.7	65.5
		64.4	64.4	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.3	65.4	65.5	66.4
≥ 8000 ≥ 7000		67.1	67.2	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	68.2	68.3	68.4	69.2
		69.5	69.7	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.8	70.8	70.9	71.8
≥ 6000 ≥ 5000		71.7	72.0	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7	73.0	73.1	73.2	74.0
		74.0	74.3	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.0	75.3	75.4	75.5	76.3
≥ 4500 ≥ 4000		76.9	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.6	77.7	77.8	78.6
		78.7	79.3	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.7	80.8	80.9	81.7
≥ 3500 ≥ 3000		81.1	81.0	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9	82.2	82.3	82.4	83.3
		81.7	82.5	83.3	83.5	83.5	83.7	83.8	83.9	83.9	83.9	83.9	84.3	84.4	84.6	85.3
≥ 2500 ≥ 2000		83.3	84.8	85.5	86.1	86.1	86.3	86.4	86.6	86.6	86.6	86.7	87.1	87.2	87.2	88.1
		85.7	87.2	88.0	88.5	88.5	88.8	88.9	89.1	89.1	89.2	89.3	89.6	89.7	89.8	90.6
≥ 1800 ≥ 1500		86.6	87.5	88.3	88.8	88.8	89.1	89.3	89.4	89.4	89.5	89.6	89.9	90.0	90.1	91.1
		88.9	89.5	89.3	90.1	90.1	90.4	90.5	90.7	90.7	90.8	90.9	91.2	91.3	91.5	92.4
≥ 1200 ≥ 1000		88.1	89.7	90.6	91.7	91.7	92.0	92.1	92.3	92.4	92.5	92.6	92.9	93.0	93.2	94.1
		88.8	90.4	91.4	92.5	92.5	92.7	92.9	93.1	93.2	93.2	93.3	93.7	93.7	94.0	94.8
≥ 900 ≥ 800		87.6	90.4	91.5	92.6	92.6	92.8	93.0	93.2	93.2	93.4	93.5	93.8	93.9	94.2	95.0
		89.2	90.8	91.9	93.0	93.0	93.3	93.5	93.7	93.8	94.0	94.1	94.4	94.5	94.8	95.6
≥ 700 ≥ 600		89.3	91.0	92.1	93.3	93.3	93.6	94.1	94.3	94.4	94.6	94.7	95.0	95.1	95.4	96.2
		89.9	91.6	92.5	93.7	93.7	94.2	94.5	94.7	94.9	95.1	95.2	95.5	95.7	95.9	96.6
≥ 500 ≥ 400		89.9	91.8	92.9	94.1	94.1	94.6	95.0	95.2	95.5	95.7	95.8	96.1	96.4	96.6	97.4
		90.0	91.9	93.0	94.3	94.3	94.9	95.4	95.6	95.9	96.2	96.3	96.6	96.9	97.1	98.0
≥ 300 ≥ 200		90.2	92.1	93.2	94.4	94.4	95.1	95.7	95.9	96.3	96.6	96.7	97.0	97.4	97.6	98.4
		90.4	92.1	93.2	94.5	94.5	95.3	95.9	96.1	96.4	96.9	97.0	97.5	98.0	98.2	99.3
≥ 100 ≥ 0		90.2	92.1	93.2	94.5	94.5	95.3	95.9	96.2	96.5	97.0	97.1	97.7	98.4	98.6	99.8
		90.2	92.1	93.2	94.5	94.5	95.3	95.9	96.2	96.5	97.0	97.1	97.7	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1163

2

CEILING VERSUS VISIBILITY

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000 ≥ 16000		60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000 ≥ 12000		61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000 ≥ 9000		64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000 ≥ 7000		66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000 ≥ 5000		71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500 ≥ 4000		75.4	75.5	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500 ≥ 3000		80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500 ≥ 2000		85.4	85.6	85.7	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800 ≥ 1500		90.4	90.7	91.0	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200 ≥ 1000		94.0	94.4	94.9	95.1	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900 ≥ 800		94.8	95.4	95.9	96.1	96.5	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700 ≥ 600		95.6	96.5	97.2	97.4	97.8	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500 ≥ 400		96.5	97.4	98.0	98.2	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200		96.5	97.5	98.3	98.5	99.2	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 0		96.5	97.5	98.3	98.5	99.2	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1177

2

CEILING VERSUS VISIBILITY

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000		60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000		60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000		60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000		61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000		62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000		64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000		66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000		70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000		72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000		73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500		76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000		78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500		80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000		84.8	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 2500		88.2	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000		91.0	91.5	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800		91.6	91.9	92.5	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500		92.8	93.1	93.6	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200		93.1	93.8	94.5	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000		94.1	94.9	95.6	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900		94.4	95.3	96.0	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800		94.8	95.8	96.5	97.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700		95.1	96.1	96.8	97.4	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		95.4	96.4	97.2	97.7	97.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		95.4	96.6	97.4	98.1	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		95.4	96.6	97.4	98.1	98.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		95.4	96.6	97.4	98.1	98.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		95.4	96.6	97.4	98.1	98.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100		95.4	96.6	97.4	98.1	98.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0		95.4	96.6	97.4	98.1	98.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1142

2

CEILING VERSUS VISIBILITY

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000 ≥ 16000		62.7	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000 ≥ 12000		62.8	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000 ≥ 9000		64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000 ≥ 7000		67.3	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000 ≥ 5000		69.9	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 4500 ≥ 4000		77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500 ≥ 3000		82.4	82.5	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500 ≥ 2000		87.6	89.0	89.3	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800 ≥ 1500		89.6	91.0	91.6	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200 ≥ 1000		90.9	92.6	93.6	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900 ≥ 800		91.0	93.6	94.5	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700 ≥ 600		91.9	93.9	95.2	96.2	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500 ≥ 400		92.4	94.8	96.6	97.9	98.2	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300 ≥ 200		92.4	94.9	96.9	98.1	98.6	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8	100.0
≥ 100 ≥ 0		92.4	94.9	96.9	98.1	98.6	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1117

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

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

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

13024 — STATION
GORDO AB SPAIN — STATION NAME
58-70 — PERIOD
ALL — 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		
JAN	ALL	19.4	6.4	4.9	5.3	4.7	3.8	4.0	3.6	7.0	8.3	30.1	2.6	9093
FEB		24.7	7.7	3.8	4.5	4.0	3.7	4.4	3.6	6.8	9.3	27.3	5.3	8201
MAR		20.2	7.4	4.1	5.2	4.9	4.3	4.6	3.6	6.2	8.7	28.6	5.6	9515
APR		16.6	10.6	6.1	6.2	6.0	4.9	6.3	4.7	8.3	8.3	20.1	5.0	8995
MAY		29.8	11.3	5.3	6.8	5.3	4.4	5.3	3.7	6.2	7.5	14.2	4.0	9161
JUN		36.9	12.9	6.8	6.0	5.6	4.1	3.8	3.4	6.2	6.0	8.4	3.2	8838
JUL		75.3	8.3	2.8	3.2	2.1	1.4	1.4	.9	1.2	1.1	2.4	1.0	9102
AUG		68.1	9.6	3.8	3.8	2.6	1.6	2.4	1.5	2.2	1.5	2.9	1.3	9089
SEP		35.4	13.2	6.5	7.0	5.2	4.4	4.6	3.7	5.7	5.5	8.7	3.3	8811
OCT		30.0	9.9	5.9	6.8	5.0	3.9	4.0	3.7	6.4	7.7	16.6	4.2	9108
NOV		20.2	8.3	5.3	5.4	4.9	4.3	4.2	4.1	7.1	10.2	26.1	5.4	8782
DEC		26.2	8.6	4.3	5.1	4.3	3.3	3.5	3.2	5.4	7.8	28.3	5.1	9094
TOTALS		33.7	9.7	5.0	5.4	4.6	3.7	4.0	3.3	5.9	6.9	17.8	4.1	107869

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13024 MORON AB SPAIN 58-70 JAN
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		
JAN	00-02	28.2	7.5	5.4	5.7	4.4	3.0	3.9	2.9	5.2	7.2	26.6	4.8	1116
	03-05	27.8	8.9	5.6	4.4	5.1	2.8	3.0	2.8	5.0	6.3	28.4	4.9	1116
	06-08	19.5	8.9	3.1	5.0	3.9	4.9	3.8	3.7	7.5	8.6	31.1	5.7	1137
	09-11	15.0	8.7	3.6	5.7	4.4	2.9	2.9	3.6	7.2	11.8	34.1	6.1	1179
	12-14	12.6	7.6	4.2	5.6	5.1	4.3	5.0	4.4	7.2	11.1	32.7	6.2	1179
	15-17	14.7	8.0	4.0	4.0	4.9	4.6	4.5	4.0	8.9	12.0	32.5	6.3	1137
	18-20	15.0	9.3	5.7	6.5	4.4	4.7	3.7	3.7	7.4	8.9	30.1	5.7	1115
	21-23	23.4	8.5	7.3	5.2	5.5	3.5	4.8	3.3	7.4	5.6	25.6	4.9	1114
TOTALS		19.4	8.4	4.9	5.3	4.7	3.8	4.0	3.6	7.0	8.9	30.1	5.6	9093

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13024 MORON AB SPAIN 58-70 FEB
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	33.9	7.7	3.4	4.0	4.6	3.7	5.5	3.3	5.9	5.1	22.2	4.4	1014
	03-05	35.8	7.3	3.4	3.9	4.0	3.3	3.5	4.1	6.8	4.6	23.1	4.4	1015
	06-08	25.1	8.1	4.1	4.9	3.7	2.2	3.4	2.7	6.1	10.6	29.1	5.3	1038
	09-11	22.3	7.5	3.3	4.5	2.1	3.2	3.8	2.1	7.4	14.1	29.6	5.7	1078
	12-14	17.8	7.0	2.8	4.4	3.5	4.0	4.4	3.4	7.5	13.6	31.5	6.1	1080
	15-17	15.8	6.8	3.6	4.4	4.7	4.3	4.6	5.4	7.3	12.5	30.7	6.1	1032
	18-20	19.3	8.0	4.2	5.1	3.8	4.2	5.3	4.4	8.4	8.9	28.4	5.6	1012
	21-23	27.8	9.5	5.6	4.5	5.8	4.7	5.0	3.4	4.7	5.1	23.7	4.6	1012
TOTALS		24.7	7.7	3.8	4.5	4.0	3.7	4.4	3.6	6.8	9.3	27.3	5.3	8281

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

SKY COVER

13024 MORON AB SPAIN 58-70 MAR
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		
MAR	00-02	29.2	7.9	5.3	6.1	4.4	4.0	5.9	3.5	7.0	4.6	22.1	4.5	1197
	03-05	30.2	6.9	4.3	5.6	5.2	4.4	4.6	2.9	5.8	4.5	25.4	4.6	1197
	06-08	19.6	8.3	4.1	4.5	4.3	4.0	3.3	4.3	7.1	9.0	31.3	5.7	1196
	09-11	18.6	7.2	2.8	3.8	4.8	3.3	3.6	2.9	8.1	9.5	35.0	6.0	1197
	12-14	12.8	6.5	3.9	4.6	5.3	3.8	5.3	3.9	10.2	14.1	29.5	6.3	1197
	15-17	12.7	7.5	2.6	4.4	5.6	5.8	4.7	4.1	9.6	11.2	31.8	6.3	1182
	18-20	15.2	7.9	4.2	6.1	4.1	5.1	4.3	3.2	9.4	10.4	30.1	5.9	1176
	21-23	23.6	6.5	5.5	6.3	5.7	4.3	5.1	4.2	8.0	5.9	24.9	5.1	1173
TOTALS		20.2	7.4	4.1	5.2	4.9	4.3	4.6	3.6	8.2	8.7	28.8	5.6	9515

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

13024 MURCIA AP SPAIN 58-70 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	29.1	9.9	7.1	6.3	5.6	4.3	5.9	3.8	6.6	4.5	16.8	4.1	1146
	03-05	26.4	10.9	6.0	7.6	5.9	4.9	5.2	3.6	5.7	4.3	19.5	4.3	1145
	06-08	19.6	10.6	4.7	5.4	5.8	4.2	5.2	3.1	8.1	10.6	22.6	5.2	1149
	09-11	18.7	9.5	3.7	5.0	3.7	4.7	4.0	5.0	9.6	11.9	23.2	5.5	1149
	12-14	10.5	9.4	5.1	4.0	5.4	6.0	6.9	5.6	12.3	12.0	22.1	5.9	1146
	15-17	9.3	10.4	5.2	3.8	7.7	5.3	6.6	6.0	11.1	11.3	21.3	5.8	1102
	18-20	13.1	12.4	7.1	6.0	7.0	4.9	7.8	6.8	7.5	7.8	19.5	5.2	1080
	21-23	22.2	11.3	9.6	8.2	6.5	5.2	7.8	3.8	5.5	4.3	15.8	4.2	1078
TOTALS		18.0	10.0	6.1	6.2	6.0	4.9	6.3	4.7	8.3	8.3	20.1	5.0	8995

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13024 MORON AB SPAIN 58-70 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	42.0	11.9	5.8	7.5	4.1	3.3	4.3	3.2	4.4	3.6	9.7	2.9	1140
	03-05	38.2	10.5	7.5	6.6	5.4	3.4	4.1	2.1	5.2	4.6	12.3	3.3	1140
	06-08	30.6	10.7	4.9	6.6	3.8	3.1	4.6	2.6	5.8	10.8	16.4	4.2	1165
	09-11	27.4	10.3	3.2	6.0	4.8	4.5	4.6	3.2	6.4	11.0	18.6	4.6	1176
	12-14	22.6	10.1	3.7	4.8	6.2	5.9	5.9	4.3	8.4	11.2	16.9	4.9	1174
	15-17	19.4	10.9	5.6	5.7	7.4	5.8	7.7	4.7	7.5	9.9	15.5	4.8	1135
	18-20	24.6	11.5	6.1	9.0	5.7	5.8	5.3	5.4	6.6	6.2	13.8	4.2	1116
	21-23	33.8	14.2	5.6	8.5	6.2	3.3	5.7	4.4	5.1	3.0	10.2	3.3	1115
TOTALS		29.6	11.3	5.3	6.8	5.5	4.4	5.3	3.7	6.2	7.5	14.2	4.0	9161

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

13024 STATION | TORU AB SPAIN STATION NAME | 56-70 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	50.1	11.1	6.3	7.1	3.9	3.3	2.7	1.9	4.7	2.6	6.3	2.3	1080
	03-05	41.7	13.1	7.1	4.9	0.9	5.2	2.9	3.7	4.1	4.0	6.4	2.7	1080
	06-08	35.4	10.5	5.6	5.1	4.4	4.3	3.6	3.9	6.9	0.0	12.1	3.7	1124
	09-11	33.5	10.7	5.3	5.3	5.2	2.9	3.5	4.0	7.3	9.4	12.6	3.9	1145
	12-14	26.5	14.2	7.4	5.4	5.4	5.1	5.1	3.9	8.4	8.6	9.9	3.9	1146
	15-17	27.0	13.0	6.7	6.7	6.6	5.0	5.3	4.3	7.7	7.1	8.0	3.7	1104
	18-20	35.7	12.8	9.2	7.8	6.0	3.7	3.6	3.7	5.9	5.0	6.0	3.0	1079
	21-23	44.4	15.7	6.6	6.0	5.5	3.1	3.7	1.7	4.5	3.1	5.6	2.4	1080
TOTALS		36.9	12.9	6.8	6.0	5.0	4.1	3.8	3.4	6.2	6.0	8.4	3.2	8838

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 PERIOD | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	83.2	6.5	1.3	2.4	1.4	.6	.6	.5	.1	.4	2.8	.7	1116
	03-05	78.0	6.2	2.5	2.4	1.6	1.1	1.7	.6	1.2	1.6	3.0	1.0	1116
	06-08	71.4	8.2	2.5	3.3	2.5	1.3	1.9	1.0	1.3	1.9	4.7	1.3	1138
	09-11	71.9	9.2	2.5	3.5	2.7	1.6	1.1	1.0	1.9	1.9	2.8	1.2	1182
	12-14	71.5	9.0	3.7	3.5	2.6	1.8	1.9	1.4	1.9	1.2	1.5	1.1	1182
	15-17	71.2	10.5	3.2	4.2	2.4	2.0	1.8	1.1	1.4	.8	1.4	1.0	1137
	18-20	74.2	9.9	3.3	3.2	1.8	2.6	1.2	.8	1.0	.6	1.4	.9	1115
	21-23	80.7	7.0	3.1	3.0	2.1	.5	1.0	.4	.4	.4	1.5	.6	1116
TOTALS		75.3	8.3	2.8	3.2	2.1	1.4	1.4	.9	1.2	1.1	2.4	1.0	9102

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	79.3	6.8	3.0	2.8	1.2	.6	.6	1.0	1.3	.4	3.0	.8	1117
	03-05	77.6	5.6	3.0	2.3	1.7	1.2	2.0	1.7	1.0	1.0	3.0	1.0	1113
	06-08	65.0	10.3	3.1	3.4	3.2	1.9	2.5	1.4	2.4	1.1	5.1	1.5	1137
	09-11	63.7	10.4	4.1	4.9	2.4	1.5	3.1	2.0	3.0	1.5	3.5	1.6	1175
	12-14	62.3	10.3	4.6	4.0	3.5	2.5	3.1	1.7	3.6	2.2	2.4	1.6	1179
	15-17	60.3	13.8	5.0	4.4	3.5	1.7	3.0	1.5	2.2	2.5	2.2	1.5	1142
	18-20	64.2	10.2	4.5	4.4	2.5	2.2	3.0	2.2	3.1	2.1	1.5	1.5	1117
	21-23	71.4	9.3	3.1	4.5	2.5	1.4	2.0	.8	1.3	1.1	2.5	1.1	1114
TOTALS		68.1	9.6	3.8	3.8	2.6	1.6	2.4	1.5	2.2	1.5	2.9	1.2	9089

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

13024 STATION | [illegible] AB SPAIN STATION NAME | 36-70 PERIOD | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	48.6	10.5	5.9	7.4	3.9	2.9	3.9	2.4	4.1	3.1	7.3	2.5	1060
	03-05	47.9	11.6	6.6	5.9	4.1	4.1	3.2	3.3	2.6	3.2	7.4	2.5	1079
	06-08	34.5	10.5	6.9	6.5	4.4	2.9	5.4	4.6	6.4	7.3	10.6	3.6	1101
	09-11	30.0	14.4	6.6	5.7	4.3	4.3	5.7	4.0	7.8	7.8	8.7	3.6	1143
	12-14	25.2	13.9	5.6	8.2	5.4	5.5	5.3	5.3	8.2	8.0	9.3	4.0	1142
	15-17	23.4	13.5	6.4	7.3	7.1	6.9	6.2	4.8	7.7	6.3	10.3	4.0	1105
	18-20	29.2	15.6	7.0	8.9	6.6	4.8	4.3	3.1	6.0	5.2	9.2	3.4	1082
	21-23	43.7	15.8	6.7	5.9	6.0	3.9	3.1	2.4	2.9	2.7	6.9	2.4	1079
TOTALS		35.4	13.2	6.5	7.0	5.2	4.4	4.6	3.7	5.7	5.5	8.7	3.3	8811

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

13024 STATION | TORREJON AB SPAIN STATION NAME | 58-70 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	42.4	8.6	5.5	7.3	5.0	2.1	3.8	3.3	4.6	3.8	13.3	3.2	1117
	03-05	40.5	9.8	6.5	7.3	3.4	2.8	3.2	2.3	4.5	5.1	14.5	3.4	1115
	06-08	29.3	9.9	5.0	5.6	5.5	4.0	4.1	4.8	7.2	7.5	16.8	4.3	1136
	09-11	20.8	9.9	4.5	6.3	5.2	3.9	4.6	4.1	6.9	9.7	18.2	4.6	1184
	12-14	20.6	10.2	5.5	6.5	5.9	4.7	4.2	3.6	8.1	11.2	19.6	5.0	1179
	15-17	18.9	9.9	6.0	6.7	4.6	4.8	4.2	4.5	7.2	12.2	20.7	5.2	1145
	18-20	24.5	10.0	7.4	7.5	6.0	4.6	4.8	3.9	7.6	8.5	15.1	4.4	1116
	21-23	37.1	10.8	7.1	7.3	4.3	4.5	3.0	3.4	4.7	3.4	14.4	3.4	1116
TOTALS		30.0	9.9	5.9	6.8	5.0	3.9	4.0	3.7	6.4	7.7	16.6	4.2	9108

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — PERIOD
NOV — 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		
NOV	00-02	29.6	9.7	6.3	5.0	4.9	3.3	4.1	3.1	5.6	6.8	21.7	4.4	1076
	03-05	28.2	8.8	6.5	4.9	4.8	4.3	4.6	3.6	4.6	5.8	23.9	4.6	1076
	06-08	18.2	9.4	4.9	6.0	3.9	4.5	5.3	5.7	6.8	9.9	25.5	5.5	1100
	09-11	15.5	8.6	5.4	5.1	5.3	4.4	3.5	3.3	7.7	12.8	28.6	5.8	1137
	12-14	13.6	7.4	4.4	5.7	5.1	4.5	4.3	5.7	8.5	14.5	28.3	6.2	1134
	15-17	13.3	7.0	4.3	4.8	4.5	4.2	3.6	4.8	9.9	15.5	28.2	6.2	1101
	18-20	17.5	7.0	6.2	4.9	6.5	4.4	4.5	3.4	7.5	10.2	27.7	5.6	1079
	21-23	25.6	8.6	6.3	6.5	4.0	4.5	3.8	3.3	6.1	6.2	25.0	4.8	1079
	TOTALS	20.2	8.3	5.3	5.4	4.9	4.3	4.2	4.1	7.1	10.2	26.1	5.4	8782

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13024 MADRID AP SPAIN 58-70 DEC
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		
DEC	00-02	34.2	7.5	5.6	4.0	3.7	2.5	3.0	2.5	4.7	4.2	27.0	4.4	1116
	03-05	36.1	7.2	4.8	4.9	2.0	1.9	3.4	3.3	3.8	5.4	26.5	4.4	1114
	06-08	27.6	9.3	3.8	4.0	4.9	2.8	3.3	3.9	5.3	6.2	29.0	5.0	1135
	09-11	19.2	12.0	3.7	4.7	4.2	2.9	2.4	3.6	7.7	11.4	28.1	5.5	1161
	12-14	18.9	10.0	2.6	4.9	4.3	3.0	4.2	3.0	5.4	12.1	30.5	5.7	1177
	15-17	17.9	7.7	4.4	5.1	4.4	4.3	4.5	3.2	6.5	10.5	30.6	5.6	1142
	18-20	23.7	7.5	4.3	5.2	5.0	3.0	4.7	3.2	5.1	8.0	27.6	5.2	1117
	21-23	31.9	7.9	5.5	6.5	4.0	2.8	2.3	2.9	4.5	4.7	27.1	4.5	1112
	TOTALS	26.2	8.6	4.3	5.1	4.3	3.3	3.5	3.2	5.4	7.8	28.3	5.1	9094

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
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\overline{X}$), 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.

2

STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110													
105						1.4	2.4	3.					
100						4.4	12.	16.					
95						16.9	44.4	49.	1.				11.
90					14.	34.2	75.	77.	34.				29.
85				4.	31.	56.7	90.	90.	5.	15.			39.
80				5.	49.	75.	93.	98.	8.	34.			57.
75			9.	24.	67.	89.	100.	100.	24.	57.			69.
70			22.	38.	85.	97.			52.	83.	19.		55.
65	12.	23.	41.	77.	97.	100.			85.	96.	43.	8.	67.
60	45.	57.	62.	95.	99.				100.	100.	62.	43.	84.
55	87.	90.	95.	99.	100.						86.	73.	95.
50	97.	99.	100.	99.							93.	96.	99.
45	100.	100.		100.							100.	99.	99.
40												100.	100.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	50.	61.	65.	69.	79.	83.	93.	93.	80.	76.	64.	58.	74.
S D	4.474	5.57	6.132	6.300	8.624	8.528	6.087	6.411	7.536	7.084	5.432	4.859	14.168
TOTAL OBS	372	339	392	360	372	360	372	372	360	372	358	372	4401

USAF ETAC FORM 0215/OL 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75													
70													
65													
60													
55													
50													
45													
40													
35													
30													
25													
20													
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN'L
90													
85													
80													
75													
70													
65													
60													
55													
50													
45													
40													
35													
30													
MEAN	51.2	52.3	55.7	59.6	67.1	73.2	78.9	79.5	74.4	66.2	56.2	52.4	63.7
S D	5.10	4.93	4.745	4.811	5.112	5.953	4.433	4.462	5.475	5.024	4.702	5.334	11.569
TOTAL OBS	37	339	392	360	372	360	372	372	360	372	360	372	4461

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

STATION NAME

DEGREES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN	75.8	70.5	75.4	82.3	93.4	100.3	104.3	104.2	97.5	88.0	74.9	66.7	106.5
S.D	4.725	5.196	5.162	3.406	4.122	4.754	3.869	3.157	4.719	4.134	4.134	2.839	3.150
TOTAL OBS	372	339	341	360	372	360	372	372	360	372	330	372	4122

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

2

EXTREME VALUES

STATION NAME

YEARS

LOWEST RECORDED ETT
LESS THAN OR EQUAL TO

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

USAF ETAC FORM 0-80-5 (OL)

EXTREME VALUES

STATION NAME

YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN	30.9	32.3	37.1	40.3	46.9	51.3	56.7	56.5	52.9	45.0	36.8	30.8	27.9
S.D	4.273	4.696	4.060	4.433	3.629	2.933	2.741	2.679	4.144	4.612	3.642	3.971	4.175
TOTAL OBS	372	339	341	360	372	360	372	372	360	372	330	372	4322

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

2

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME

YEARS

(MISSING LESS THAN FULL MONTHS)

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — MORON AB SPAIN — 58-70 — ALL

 — 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.	TOTAL W.B.	TOTAL Dew Pt.
112/111																	.0	4	4	
110/109																	.0	11	11	
108/107																	.0	20	20	
106/105																	.0	51	51	
104/103															.0	.0	.1	105	105	
102/101														.0	.0	.0	.1	210	210	
100/ 99													.0	.0	.1	.1	.1	350	350	
98/ 97											.0	.0	.0	.1	.2	.2	.1	653	653	
96/ 95									.0	.0	.0	.0	.1	.2	.3	.1	.1	936	936	
94/ 93							.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.0	1169	1169	
92/ 91						.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.1	.0	1352	1352	
90/ 89						.0		.0	.0	.1	.2	.3	.3	.2	.1	.0	.0	1504	1504	
88/ 87						.0	.0	.0	.1	.2	.3	.4	.3	.2	.1	.0	.0	1616	1616	
86/ 85					.0	.0	.0	.1	.2	.4	.4	.4	.2	.1	.0	.0	.0	1973	1973	
84/ 83				.0	.0	.0	.0	.2	.3	.5	.4	.3	.1	.0	.0			2016	2016	
82/ 81			.0	.0	.0	.0	.1	.4	.5	.5	.3	.2	.1	.0	.0	.0		2268	2268	3	
80/ 79			.0	.0	.0	.1	.3	.5	.6	.4	.3	.1	.0	.0	.0			2530	2530	5	
78/ 77		.0	.0	.0	.1	.3	.4	.6	.5	.3	.2	.1	.0	.0				2729	2729	27	4
76/ 75		.0	.0	.1	.3	.5	.8	.6	.4	.2	.1	.0	.0					3219	3219	121	4
74/ 73	.0	.0	.0	.2	.4	.6	.7	.6	.3	.2	.1	.0						3372	3372	396	20
72/ 71	.0	.0	.2	.4	.7	.8	.7	.4	.3	.1	.0	.0						3969	3971	1277	35
70/ 69	.0	.0	.4	.7	1.0	.9	.6	.4	.2	.1	.0	.0						4759	4762	3002	86
68/ 67	.0	.1	.7	.9	1.0	.8	.5	.3	.1	.0	.0	.0						4793	4796	4932	377
66/ 65	.0	.4	1.0	1.1	1.0	.7	.4	.2	.1	.0	.0							5302	5303	6710	1092
64/ 63	.0	.6	1.3	1.3	.8	.7	.3	.2	.0	.0								5642	5643	7971	2352
62/ 61	.1	1.0	1.4	1.3	.8	.6	.2	.1	.0									5913	5913	8637	3686
60/ 59	.1	1.7	1.6	1.3	.9	.4	.2	.1	.0									6838	6840	8837	6011
58/ 57	.2	2.2	1.7	1.1	.7	.4	.1	.0	.0									6875	6875	9165	8174
56/ 55	.3	2.4	1.7	1.0	.5	.3	.1	.0										6864	6864	9333	10128
54/ 53	.3	2.3	1.6	.8	.4	.1	.0	.0	.0									6048	6048	8713	10570
52/ 51	.3	2.3	1.4	.6	.2	.1	.0											5387	5387	8019	10717
50/ 49	.3	2.3	1.1	.4	.2	.0	.0											4712	4712	7490	10237
48/ 47	.3	1.9	.7	.2	.1	.0	.0											3555	3555	6174	9101
46/ 45	.2	1.7	.5	.2	.1	.0												2924	2924	4877	8041

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
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 ALL
STATION STATION NAME YEARS MONTH

 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	Wet Bulb	Dew Point
44/ 43	.2	1.3	.4	.1	.0	.0												2233	2233	3487	6563
42/ 41	.3	1.0	.3	.1	.0	.0												1843	1843	2654	5429
40/ 39	.2	.8	.3	.0	.0													1428	1428	1864	4330
38/ 37	.1	.6	.2	.0	.0													977	977	1469	3190
36/ 35	.1	.5	.1	.0	.0													781	781	1019	2504
34/ 33	.1	.3	.1	.0														481	481	804	1719
32/ 31	.0	.2	.0	.0														291	291	504	1306
30/ 29	.0	.1	.0															151	151	265	971
28/ 27	.0	.0	.0															64	64	138	599
26/ 25	.0	.0	.0															16	16	39	336
24/ 23	.0	.0																5	5	11	181
22/ 21	.0	.0																6	6	9	100
20/ 19																					30
18/ 17																					39
16/ 15																					18
14/ 13																					14
12/ 11																					1
TOTAL	3.3	23.7	16.7	11.9	9.4	7.4	5.6	4.6	3.6	3.0	2.6	2.1	1.8	1.4	1.1	.7	.8	107957			107945
																		107945		107945	

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.	526172353	7150695	66.2	22.050	107945		49.4	3226.5	2126.3	1270.9	286.5	8760
Dry Bulb	452330928	6818206	63.2	14.182	107957		78.7	797.2	45.2	.4		8760
Wet Bulb	338254799	5969033	55.3	8.708	107945		291.8	43.0	2.3			8760
Dew Point	272015859	5345529	49.5	8.224	107945							

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

13024 (STATION) GPO AB SPAIN (STATION NAME) 58-70 (YEARS) JAN (MONTH)

 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION °F																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24	25-26	27	28-29	30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Pt.
82/ 81															.0					1	1			
80/ 79									.0	.0				.0						3	3			
78/ 77									.0		.0									2	2			
76/ 75									.0	.0										3	3			
74/ 73								.0	.0											4	4			
72/ 71						.0	.0	.0	.0											10	10			
70/ 69						.0	.1	.0		.0	.0									13	13			
68/ 67				.0	.0	.2	.1	.0	.1	.0										40	40			
66/ 65	.0		.0	.1	.3	.4	.1	.1	.0	.0										92	92	1	1	
64/ 63	.0	.1	.2	.3	.3	.5	.3	.1	.0	.0										173	173	4	3	
62/ 61	.1	1.1	.6	.6	.8	.5	.2	.1												369	369	55	19	
60/ 59	.2	1.8	1.3	1.6	1.0	.6	.3	.0	.0											613	613	208	149	
58/ 57	.5	2.4	1.8	1.7	1.1	.7	.1	.0	.0											755	755	388	169	
56/ 55	.6	4.1	2.6	1.8	1.0	.5	.1	.0												965	965	648	347	
54/ 53	.6	4.0	2.3	1.6	.7	.1	.1	.1												887	887	876	528	
52/ 51	1.2	5.3	2.2	1.3	.5	.0	.1													956	956	1114	730	
50/ 49	1.1	4.8	2.2	.9	.3	.1	.0													860	860	1124	1011	
48/ 47	1.0	4.2	1.4	.5	.2	.1														685	685	1039	964	
46/ 45	.7	4.0	1.1	.2	.2	.0														568	568	825	876	
44/ 43	.7	3.1	.7	.3	.1															435	435	667	815	
42/ 41	1.0	2.5	.6	.2	.1															401	401	516	814	
40/ 39	.7	2.4	.6	.1	.0															353	353	389	574	
38/ 37	.4	2.2	.3	.1																277	277	358	528	
36/ 35	.3	2.0	.3	.1																241	241	282	453	
34/ 33	.2	1.5	.3																	178	178	248	310	
32/ 31	.1	1.1	.2	.0																132	132	183	254	
30/ 29	.0	.5	.1																	59	59	108	197	
28/ 27	.1	.1	.0																	19	19	45	144	
26/ 25	.0	.0																		3	3	18	78	
24/ 23																						1	47	
22/ 21																							60	
20/ 19																							14	
18/ 17																							10	
16/ 15																							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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
SAF ETAC
IR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
UPG AM SPAIN — STATION NAME
58-70 — YEARS
JAN — MONTH
PAGE 2 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL DB WB Obs.	TOTAL Wet Bulb Obs.	TOTAL Dew Point Obs.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31								
TOTAL	9.9	47.1	18.8	11.7	6.5	3.9	1.4	.5	.3	.1	.0		.0	.0									9097	9097	9097
																							9097	9097	

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.	61885767	737827	81.1	14.987	9097		17.4	6.2	1.1	.2		744
Dry Bulb	23561205	457069	50.2	8.096	9097		29.0					744
Wet Bulb	20720910	429268	47.2	7.147	9097		65.9					744
Dew Point	18305150	401640	44.2	7.932	9097							744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 FEB

PAGE 1 ALL

Temp. °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL DB WB	TOTAL DB WBD	DB WB	DB WBD
82/ 81						.0	.0	.0											5	5		
80/ 79						.0			.0										3	3		
78/ 77						.1		.0		.0									9	9		
76/ 75							.0	.0	.0	.0	.0								10	10		
74/ 73				.0	.1		.0	.1	.1										25	25		
72/ 71			.0		.0	.0	.2	.1	.1	.0									40	40	3	
70/ 69			.0	.0	.1	.1	.2	.2	.1										58	58	4	
68/ 67			.0	.1	.2	.3	.3	.2	.0	.0									104	104	14	1
66/ 65		.0	.1	.2	.4	.3	.4	.3	.0										156	156	3	6
64/ 63		.1	.2	.6	.6	.6	.4	.3	.0										249	249	17	11
62/ 61		.3	.4	.9	.7	.7	.4	.1	.0										327	327	50	17
60/ 59	.0	1.3	1.2	1.4	1.1	.8	.3	.2	.0										524	524	175	24
58/ 57	.4	2.8	1.8	1.8	1.3	.7	.3	.1											764	764	403	168
56/ 55	.7	3.3	2.4	1.9	1.1	.6	.2	.0											861	861	647	343
54/ 53	.6	3.6	2.8	1.3	.9	.4	.2												813	813	830	510
52/ 51	.5	4.6	2.9	1.1	.7	.3	.0												832	832	884	615
50/ 49	.5	5.6	2.1	1.0	.4	.2													802	802	1109	811
48/ 47	.3	4.3	1.7	.5	.3	.1													615	615	1016	965
46/ 45	.3	4.1	1.3	.5	.3	.0													540	540	809	869
44/ 43	.4	3.1	1.1	.5	.1	.0													422	422	629	796
42/ 41	.4	2.6	1.0	.1	.0														346	346	494	694
40/ 39	.1	2.3	.8	.1	.0														276	276	369	606
38/ 37	.1	1.5	.5	.1															178	178	318	463
36/ 35	.0	1.4	.4	.0															153	153	174	422
34/ 33	.0	.7	.2																76	76	160	274
32/ 31	.0	.7	.0																61	61	93	249
30/ 29		.3																	29	29	54	172
28/ 27	.0	.1																	8	8	28	136
26/ 25		.0																	2	2	5	80
24/ 23																						44
22/ 21																						9
20/ 19																						3
TOTAL	4.8	42.5	21.6	12.2	8.2	5.3	3.1	1.7	.4	.1									8288	8288	8288	8288

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.	51692826	641010	77,31	15,978	8288							
Dry Bulb	22655222	428094	51.7	8,096	8288		8.1	20.6	4.2	.5		672
Wet Bulb	19341168	396474	47.8	6,726	8288		14.6	1.7				672
Dew Point	16615635	365747	44.1	7,557	8288		56.2	.1				672

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

13024 TORD 56 SPAIN 58-72 JAN

PSYCHROMETRIC SUMMARY

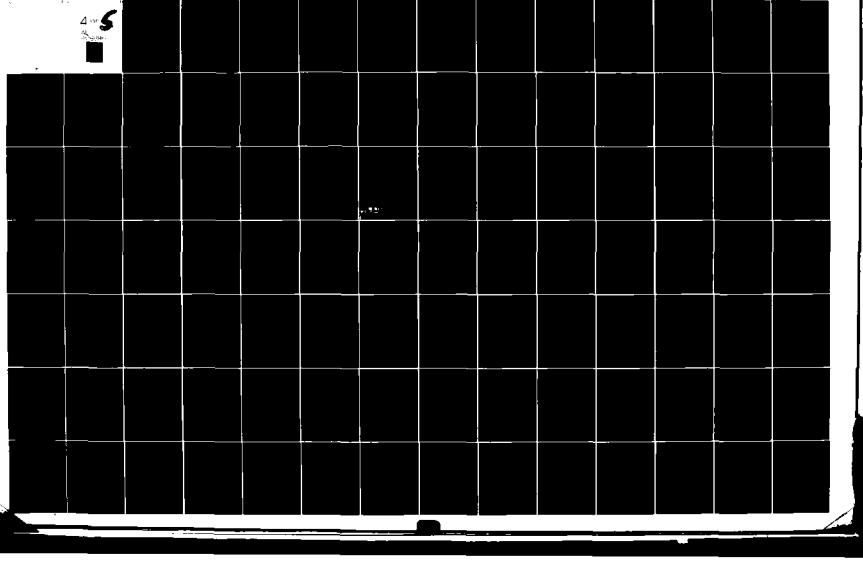
PAGE 1 ALL

Temp °F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL OBS	TOTAL OBS	TOTAL	TOTAL
	1	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19	20	21	22	23-24	25-26	27	28-29	30-31	32								
84/ 83																.0	.0	.0								5	6		
82/ 81																.0	.0									2	2		
80/ 79											.0	.0	.1	.0	.0	.0										15	15		
78/ 77						.0		.1		.1	.1	.1	.1	.1	.1	.1										44	44		
76/ 75						.0	.1	.1	.2	.2	.2	.1	.1	.1	.0											76	76		
74/ 73					.0	.0	.1	.2	.3	.2	.1	.1														107	107		
72/ 71					.0	.1	.3	.3	.3	.3	.2	.0														136	136		
70/ 69				.0	.1	.3	.4	.4	.6	.2	.0	.0														191	191		
68/ 67			.1	.1	.4	.5	.5	.4	.3	.1	.0	.0														227	227	1	
66/ 65			.1	.6	.7	.8	.5	.6	.3	.1	.0															340	340	7	
64/ 63		.1	.4	1.2	1.0	1.1	.7	.5	.1																	475	475	29	1
62/ 61	.1	.4	1.1	1.6	1.2	1.0	.5	.3	.0																	590	590	89	7
60/ 59	.1	1.8	2.1	1.7	1.5	1.2	.5	.1	.0																	839	839	370	69
58/ 57	.4	3.5	2.4	1.3	1.3	.8	.4	.1																		974	974	780	206
56/ 55	.6	4.4	2.1	1.8	1.1	.6	.4	.0																		1048	1048	1168	567
54/ 53	.7	4.3	2.5	1.2	.7	.3	.1																			938	938	1251	829
52/ 51	.5	3.9	2.3	.8	.5	.2	.0																			786	786	1213	986
50/ 49	.4	4.2	2.1	.7	.3	.0																				735	735	1200	1007
48/ 47	.4	3.7	1.6	.5	.2																					596	596	992	917
46/ 45	.4	2.8	1.1	.3	.1																					443	443	812	1017
44/ 43	.3	2.2	.6	.2																						324	324	559	893
42/ 41	.3	1.8	.5	.1	.0																					257	257	419	770
40/ 39	.2	1.4	.3	.0																						176	176	276	690
38/ 37	.1	.9	.1																							110	110	171	521
36/ 35	.0	.4	.1																							58	58	111	405
34/ 33	.0	.2																								20	20	51	253
32/ 31	.0	.0																								6	6	20	174
30/ 29		.0																								1	1	3	127
28/ 27																													55
26/ 25																													19
24/ 23																													5
22/ 21																													2
18/ 17																													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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A088 961 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MORON AB, MORON, SPAIN. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/087 NL



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	4.7	35.9	19.2	12.2	9.1	7.0	4.3	2.9	2.2	1.3	.6	.4	.1	.0	.0			9522	9522	9522	9522

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.	55008172	700646	73.6	19.045	9522							
Dry Bulb	29532545	524471	55.1	8.229	9522		.5	63.0	19.5	1.1		744
Wet Bulb	24296731	477751	50.2	5.854	9522		1.8	.1				744
Dew Point	20294224	434616	45.6	6.927	9522		30.0					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
APR — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.0					1	1		
88/ 87												.0	.0					5	5		
86/ 85										.0	.1	.0	.1	.0				24	24		
84/ 83										.1	.1	.1	.2					37	37		
82/ 81									.0	.2	.2	.1	.0					52	52		
80/ 79								.1	.2	.3	.3	.1	.0					81	81		
78/ 77							.0	.3	.4	.5	.3	.1	.0					153	153		
76/ 75						.0	.2	.5	.4	.4	.2	.1						167	167		
74/ 73					.0	.3	.5	.5	.5	.4	.3	.0						217	217		
72/ 71					.2	.3	.6	.6	.6	.4	.2	.0						262	262		
70/ 69				.1	.4	.9	.9	1.0	.6	.3	.1							389	389		
68/ 67			.1	.4	1.0	1.3	.9	.7	.4	.2	.0							443	443	6	
66/ 65		.0	.3	.8	1.5	1.6	1.0	.5	.2									529	529	40	
64/ 63		.2	.7	1.5	1.5	1.2	.7	.5	.1									574	574	185	
62/ 61	.0	.6	1.4	1.9	1.5	1.1	.6	.1	.0									655	655	393	16
60/ 59	.2	1.7	2.4	2.1	1.5	.8	.3	.1										808	808	690	125
58/ 57	.2	3.1	2.6	1.6	1.1	.6	.2	.0										843	843	1017	306
56/ 55	.3	3.8	2.8	1.5	.8	.2	.0											845	845	1334	599
54/ 53	.2	4.5	2.4	1.2	.5	.1	.0											804	804	1294	967
52/ 51	.3	3.9	2.3	.8	.2	.0												682	682	1174	1170
50/ 49	.2	3.3	1.6	.5	.1													506	506	1011	1210
48/ 47	.1	2.4	.8	.1	.0													312	312	720	1054
46/ 45	.1	2.0	.4	.1														233	233	486	925
44/ 43	.1	1.4	.3	.1														171	171	285	821
42/ 41	.1	.8	.3															113	113	163	607
40/ 39	.0	.4	.2															49	49	108	437
38/ 37		.3	.0															33	33	48	301
36/ 35		.1																11	11	35	208
34/ 33	.0	.0																2	2	11	142
32/ 31																				1	65
30/ 29																					33
28/ 27																					11
26/ 25																					2
24/ 23																					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) JAN 64 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) APR (MONTH)

ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					1
TOTAL	2.0	28.4	18.6	12.5	10.2	8.5	6.0	4.9	3.5	2.7	1.6	.7	.4	.0				9001	9001	9001	9001

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.	40665428	623104	69,2	19,805	9001							
Dry Bulb	32125962	531658	59,1	8,961	9001			146,8	59,0	13,1		720
Wet Bulb	25377892	475386	52,8	5,482	9001		,1	,5				720
Dew Point	20725812	428394	47,6	6,099	9001		9,0					720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																	.0	4	4		
96/ 95														.0	.1	.1	.1	28	28		
94/ 93												.0	.0	.1	.2	.1	.1	50	50		
92/ 91											.0	.0	.2	.1	.1	.2	.1	72	72		
90/ 89											.0	.3	.4	.3	.2	.1	.0	123	123		
88/ 87										.1	.3	.2	.5	.3	.2	.1	.0	160	160		
86/ 85								.0	.1	.3	.4	.6	.4	.2	.1	.1	.0	208	208		
84/ 83								.0	.3	.7	.8	.5	.5	.1	.0			266	266		
82/ 81						.0	.0	.4	.5	.8	.6	.5	.2	.0	.0	.0		280	280		
80/ 79						.0	.1	.6	.6	.7	.6	.5	.2	.0	.0			301	301		
78/ 77					.0	.1	.3	.7	1.0	.6	.6	.4	.1	.0				349	349		
76/ 75					.0	.3	.8	1.1	.9	.5	.6	.2	.0					392	392		
74/ 73				.0	.2	.8	1.0	1.0	.5	.4	.2	.1						375	375	1	
72/ 71			.0	.1	.6	1.0	1.2	.8	.7	.3	.1	.0						449	449	6	
70/ 69		.0	.1	.5	1.3	1.4	1.1	.8	.5	.2	.0	.0						534	534	63	
68/ 67		.1	.3	1.1	1.6	1.2	.9	.4	.3	.0								543	543	266	3
66/ 65	.0	.2	.8	1.8	1.6	1.1	.7	.3	.1	.0								612	612	456	13
64/ 63	.1	.4	2.2	2.0	1.2	.9	.3	.2	.0									685	685	779	50
62/ 61	.0	1.3	2.4	1.9	1.0	.5	.2	.2										687	687	1088	160
60/ 59	.2	2.9	2.5	1.7	.7	.3	.2	.0										780	782	1326	454
58/ 57	.4	3.1	2.5	1.1	.6	.2	.1											725	725	1391	898
56/ 55	.2	2.9	1.8	.7	.3	.1	.0											564	564	1242	1156
54/ 53	.2	2.0	1.4	.4	.2	.1												389	389	969	1179
52/ 51	.1	1.3	1.1	.3	.1	.0												274	274	624	1194
50/ 49	.0	1.0	.5	.2	.1													168	168	436	1003
48/ 47	.0	.5	.2	.1	.0													76	76	268	805
46/ 45	.0	.4	.1	.0														42	42	141	639
44/ 43	.0	.2																15	15	69	451
42/ 41	.1	.1																12	12	33	380
40/ 39																				5	286
38/ 37																					178
36/ 35																					149
34/ 33																					75
32/ 31																					40

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 (STATION) ROKON AB SPAIN (STATION NAME) 58-70 (YEARS) MAY (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Po
30/ 29																					23
28/ 27																					8
26/ 25																					8
24/ 23																					4
22/ 21																					2
20/ 19																					1
18/ 17																					2
16/ 15																					2
TOTAL	1.3	16.4	15.9	12.1	9.5	8.0	6.9	6.5	5.5	4.6	4.4	3.3	2.5	1.3	.9	.6	.4	9163	9165	9163	

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.	38718194	559022	61.0	22.438	9163			335.6	211.7	109.2	6.7	744
Dry Bulb	41839792	611464	66.7	10.676	9165			27.3	.1			744
Wet Bulb	30476061	526219	57.4	5.286	9163			27.3	.1			744
Dew Point	23706811	402209	50.4	6.337	9163		7.3	.2				744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MURON AB SPAIN STATION NAME | 58-70 YEARS | JUN MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
108/107																	.0		4	4		
106/105																	.1		8	6		
104/103																	.2		19	19		
102/101															.0		.3		24	24		
100/ 99															.1	.2	.2		42	42		
98/ 97											.0		.0	.1	.2	.3	.1		60	60		
96/ 95											.0	.0	.1	.3	.5	.3	.1		124	124		
94/ 93										.0	.0	.0	.3	.6	.5	.2	.0		150	150		
92/ 91								.0	.0	.0	.1	.4	.6	.7	.4	.0			200	200		
90/ 89								.0	.0	.1	.4	.6	.6	.5	.2	.0			206	206		
88/ 87								.0	.1	.2	.8	.8	.8	.4	.1				290	290		
86/ 85							.0	.1	.4	.9	.9	.8	.7	.1					344	344		
84/ 83					.0		.0	.3	.7	1.3	.9	.6	.2						357	357		
82/ 81						.0	.2	.7	1.5	1.1	.7	.3	.0	.0					414	414		
80/ 79						.1	.6	1.1	1.1	.8	.5	.1	.1						385	385		
78/ 77					.0	.5	.8	1.6	1.0	.6	.1	.0							418	418	3	
76/ 75				.1	.4	.9	1.7	1.5	.7	.2	.1	.0							490	490	11	
74/ 73			.0	.2	.9	1.3	1.7	1.1	.4	.1	.0								509	509	21	
72/ 71		.0	.1	.8	1.4	1.7	1.5	.7	.1	.0									550	550	111	3
70/ 69		.0	.3	1.4	2.1	1.9	1.0	.3	.1	.0									642	642	395	6
68/ 67		.1	1.5	2.1	2.3	1.3	.4	.0	.1										698	698	804	20
66/ 65	.0	.6	2.1	2.1	1.6	.7	.2	.1		.0									649	649	1161	77
64/ 63	.1	.8	2.2	2.4	.7	.4	.1	.0											602	602	1339	298
62/ 61	.1	1.5	2.3	1.4	.5	.2													523	523	1453	595
60/ 59	.1	2.3	2.0	.8	.3	.0													493	493	1307	885
58/ 57	.1	1.7	1.2	.4	.1														307	307	1051	1315
56/ 55	.1	1.6	.5	.2															206	206	612	1448
54/ 53	.0	.6	.2	.1															81	81	347	1320
52/ 51	.0	.2	.1	.0															31	31	150	1044
50/ 49	.0	.1	.0																12	12	54	687
48/ 47		.0																	2	2	19	490
46/ 45		.0																	1	1	2	313
44/ 43																					1	168
42/ 41																						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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AWS A4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) JUN (MONTH)

ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
40/ 39																					38
38/ 37																					19
36/ 35																					13
34/ 33																					7
32/ 31																					1
30/ 29																					2
TOTAL	.5	9.6	12.7	12.1	10.4	8.8	8.2	7.6	6.2	5.5	4.5	3.8	3.4	2.7	1.9	1.0	.9	8841	8841	8841	8841
																		8841		8841	

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.	32990521	506781	57.3	21.114	8841							
Dry Bulb	47835594	643158	72.7	10.886	8841			483.3	329.3	201.8	35.1	720
Wet Bulb	33780056	544978	61.6	4.592	8841			109.5	2.9			720
Dew Point	26423050	481144	54.4	9.191	8841		.2	2.4				720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
JUL — MONTH
PAGE 1
ALL — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt.
112/111																	.0	4	4		
110/109																	.1	8	8		
108/107																	.1	10	10		
106/105																	.2	17	17		
104/103															.0	.0	.3	32	32		
102/101														.0	.1	.2	.4	64	64		
100/ 99													.0	.2	.3	.5	.5	126	126		
98/ 97												.0	.2	.5	.7	.7	.5	242	242		
96/ 95									.0	.0	.1	.2	.6	1.0	1.0	.5	.3	323	323		
94/ 93										.1	.3	.5	1.0	1.2	.8	.4	.1	408	408		
92/ 91								.0	.1	.2	.3	.9	1.2	.9	.5	.2	.1	416	416		
90/ 89								.0	.2	.5	1.0	1.3	1.1	.7	.3	.1	.0	482	482		
88/ 87							.0	.2	.3	.7	.9	1.1	.7	.3	.1	.0		402	402		
86/ 85						.0	.1	.5	.8	1.2	1.1	.8	.5	.1	.1			462	462		
84/ 83				.0	.0	.0	.3	.6	.9	1.3	1.2	.4	.1	.0				442	442		
82/ 81						.2	.5	1.1	1.0	1.1	.5	.2	.0					426	426		
80/ 79			.0		.1	.7	.9	1.3	1.3	.7	.2	.1	.0					494	494	1	
78/ 77		.0	.0	.1	.4	.8	.9	1.2	1.0	.2	.1	.0						441	441	5	
76/ 75		.0	.0	.3	1.0	1.1	1.6	1.2	.4	.2	.1							531	531	58	1
74/ 73	.0	.0	.1	.9	1.1	1.3	1.3	.8	.2	.1	.0							541	541	197	7
72/ 71	.0	.0	.7	1.3	1.6	1.7	1.0	.3	.2	.0								632	632	504	12
70/ 69	.0	.2	1.4	1.6	1.7	1.4	.8	.2	.2									681	681	1061	28
68/ 67	.0	.3	1.3	1.5	1.6	1.0	.3	.2										572	572	1386	153
66/ 65	.1	.4	1.5	1.4	1.2	.5	.3	.1										484	484	1497	443
64/ 63		.6	1.5	1.2	.6	.3	.1	.0										392	392	1406	631
62/ 61	.0	.5	.9	.7	.3	.2	.1											237	237	1166	780
60/ 59	.0	.3	.4	.5	.2	.1	.0											132	132	804	1049
58/ 57		.2	.2	.2	.1	.1												74	74	505	1107
56/ 55		.0	.1	.1	.1													27	27	269	1201
54/ 53			.0	.0														2	2	141	1039
52/ 51			.0															1	1	65	873
50/ 49																				29	576
48/ 47																				11	397
46/ 45																					297

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MURON AB SPAIN STATION NAME | 58-70 YEARS | JUL MONTH

PAGE 2 | ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
44/ 43																					206
42/ 41																					122
40/ 39																					81
38/ 37																					47
36/ 35																					15
34/ 33																					10
32/ 31																					11
30/ 29																					6
28/ 27																					3
26/ 25																					2
TOTAL	.2	2.6	8.1	9.7	9.9	9.3	8.3	7.8	6.6	6.5	5.8	5.5	5.5	4.9	3.9	2.6	2.6	9105	9105	9105	9105

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.	26243955	452611	49.7	20.280	9105							
Dry Bulb	37432672	716062	78.6	11.081	9105			693.8	479.7	337.2	100.8	744
Wet Bulb	37968908	586394	64.4	4.723	9105			262.5	21.3			744
Dew Point	28461367	505677	55.5	6.434	9105		1.8	16.4	.7			744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | AUG MONTH

 ALL 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Po
110/109																	.0	3		3		
108/107																	.1	6		6		
106/105																	.2	22		22		
104/103																	.5	46		46		
102/101															.0	.2	.9	98		98		
100/ 99														.1	.4	.5	.8	150		150		
98/ 97											.0	.0	.2	.5	.8	.6	.9	278		278		
96/ 95										.0	.1	.1	.4	.9	1.1	.6	.5	339		339		
94/ 93								.0	.0	.1	.2	.5	.9	1.0	.9	.4	.2	387		387		
92/ 91						.0	.0	.0	.0	.1	.5	.8	.9	1.2	.7	.3	.1	424		424		
90/ 89						.0		.1	.1	.6	.9	.8	1.1	.6	.3	.1		428		428		
88/ 87							.0	.1	.4	.7	.8	.9	.8	.5	.2			404		404		
86/ 85					.0	.0	.1	.3	.7	.9	1.3	.9	.6	.3	.0			470		470		
84/ 83							.2	.6	.8	1.1	.8	.4	.3	.0				391		391		
82/ 81				.0	.0	.2	.6	1.1	1.1	1.1	.7	.2	.1					469		469	3	
80/ 79				.0	.1	.5	1.0	1.5	1.3	.7	.3	.1	.0					513		513	4	
78/ 77			.1	.0	.4	1.1	1.1	1.2	.9	.4	.1	.0						494		494	13	4
76/ 75			.1	.4	.9	1.4	1.7	1.1	.7	.1	.1	.0						590		590	45	2
74/ 73		.0	.3	.8	1.2	1.4	1.4	1.0	.3	.1	.0							590		590	151	8
72/ 71		.0	.7	1.4	1.6	1.7	1.2	.6	.2	.0								685		687	497	17
70/ 69	.0	.2	1.0	1.6	1.9	1.5	.9	.4	.1	.0								693		696	1013	39
68/ 67	.0	.2	1.2	1.3	1.5	.8	.4	.1	.0									497		500	1332	172
66/ 65		.3	.9	1.4	1.3	.8	.2	.0	.0									463		464	1598	312
64/ 63	.1	.3	.8	1.1	.7	.3	.1	.1	.0									316		316	1465	645
62/ 61	.0	.2	.5	.5	.4	.3	.0	.0										173		173	1173	796
60/ 59		.1	.3	.3	.2	.1	.0											103		103	813	932
58/ 57		.0	.2	.1	.2	.0	.0											48		48	481	1076
56/ 55			.1	.1		.0	.0											19		19	276	1071
54/ 53		.0	.0	.0														4		4	126	953
52/ 51																					70	844
50/ 49																					32	668
48/ 47																					7	482
46/ 45																					2	387
44/ 43																					2	238

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												

FORM AA 64 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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | AUG MONTH

 | ALL 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
42/ 41																					156
40/ 39																					122
38/ 37																					83
36/ 35																					64
34/ 33																					24
32/ 31																					7
30/ 29																					1
TOTAL	.1	1.3	6.1	9.2	10.5	10.4	9.0	8.2	6.8	6.1	5.8	5.0	5.3	4.9	4.3	2.8	4.2		9112		9103
																		9103		9103	

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.	24316227	435213	47.8	19.634	9103							
Dry Bulb	58238828	721668	79.2	10.902	9112			652.0	498.2	340.2	108.5	744
Wet Bulb	37868394	585582	64.3	4.673	9103			249.9	17.7	.4		744
Dew Point	27860694	499692	54.9	6.881	9103		.7	19.8	1.1			744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION

TORO, AB SPAIN — STATION NAME

58-70 — YEARS

SEP — MONTH

PAGE 1 ALL — HOUR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew
106/105																	.0	4	4			
104/103																	.1	8	8			
102/101																.0	.2	24	24			
100/ 99														.0	.1	.1	.2	32	32			
98/ 97											.0	.0	.0	.1	.2	.2	.2	69	69			
96/ 95											.0	.0	.2	.4	.4	.2	.1	122	122			
94/ 93									.0		.0	.1	.4	.7	.5	.2	.0	174	174			
92/ 91										.0	.1	.5	.7	.7	.3	.0	.0	213	213			
90/ 89								.0	.0	.1	.6	.7	.7	.4	.1			229	229			
88/ 87						.0	.0		.1	.3	.9	1.0	.6	.2	.1	.0		280	280			
86/ 85					.0	.0	.0	.2	.3	.8	1.3	.6	.5	.1	.1	.0		345	345			
84/ 83					.0	.0	.0	.3	.8	1.4	.8	.6	.2	.1	.0			378	378			
82/ 81			.0	.0	.0	.0	.3	1.0	1.3	1.1	.6	.3	.2	.0				426	426			
80/ 79					.0	.2	.7	1.2	1.9	.6	.4	.1	.0	.0				467	467			
78/ 77			.0	.0	.1	.6	1.3	1.8	1.1	.5	.2	.2	.0					526	526	6		
76/ 75			.0	.1	.7	1.2	2.1	1.2	.6	.3	.2	.0	.0					569	569	7		1
74/ 73			.0	.5	1.0	1.5	1.5	.9	.2	.2	.1	.0						527	527	26		5
72/ 71		.0	.3	1.1	1.8	1.9	1.1	.4	.3	.0	.0	.0						621	621	156		3
70/ 69		.1	1.3	2.1	2.5	1.6	.7	.3	.1	.1	.0							775	775	447		13
68/ 67		.2	2.	2.4	1.9	.9	.4	.2	.0	.0	.0							716	716	993		27
66/ 65	.0	.6	2.6	2.2	1.5	.7	.3	.1	.0	.0								712	712	1420		191
64/ 63	.0	1.0	2.4	1.8	.9	.5	.2	.0	.0	.0								586	587	1516		454
62/ 61		.7	1.6	1.0	.5	.2	.0	.0	.0									359	359	1457		666
60/ 59	.0	.5	1.0	.6	.3	.2	.0	.0	.0									238	238	1043		1130
58/ 57		.5	.8	.3	.1	.1	.0	.0										173	173	691		1242
56/ 55		.2	.4	.2	.1	.1	.0	.0										97	97	445		1341
54/ 53		.2	.3	.2	.1	.0	.0											72	72	260		1013
52/ 51		.1	.2	.1	.1	.0												47	47	139		837
50/ 49		.1	.1	.0	.0													18	18	86		567
48/ 47		.0	.1															6	6	66		391
46/ 45																				35		295
44/ 43																				18		212
42/ 41																				2		165
40/ 39																						96

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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | SEP MON. | PAGE 2 | ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
38/ 37																			57
36/ 35																			46
34/ 33																			22
32/ 31																			10
30/ 29																			4
28/ 27																			5
26/ 25																			12
24/ 23																			6
TOTAL	.0	4.2	13.0	12.7	11.8	10.0	8.9	7.7	7.0	5.5	5.2	4.3	3.6	2.7	1.7	.7	.9	8814 8813	8813 8813

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.	30387505	487311	55.3	19.763	8813							
Dry Bulb	49005915	650975	73.9	10.255	8814			531.4	358.9	208.6	35.4	720
Wet Bulb	34345100	548472	62.2	4.896	8813			133.6	3.2			720
Dew Point	26670761	481591	54.6	6.337	8813		3.2	4.0	.5			720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — OCT MONTH

PAGE 1 — ALL HOURS G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.0	.1	.0	.1	.1		27	27		
90/ 89											.0	.0	.2	.1	.0	.0		35	35		
88/ 87										.0	.1	.3	.2	.1	.1			75	75		
86/ 85									.1	.2	.2	.5	.2	.1	.0			120	120		
84/ 83									.1	.2	.4	.5	.2	.1				133	133		
82/ 81							.0	.1	.2	.5	.7	.4	.1	.0				183	183		
80/ 79							.1	.5	.7	.7	.6	.2	.0	.0				261	261		
78/ 77						.0	.4	.7	.6	.7	.3	.1	.1					270	270		
76/ 75					.1	.4	1.0	.9	.8	.5	.2	.0						355	355		
74/ 73				.0	.5	.9	1.2	1.0	.4	.3	.1	.1						422	422		
72/ 71			.0	.3	1.3	1.3	1.1	.7	.4	.2	.1							489	489		
70/ 69			.2	1.3	1.5	1.3	.8	.7	.3	.3	.0							584	584	19	
68/ 67		.1	1.4	1.8	1.5	1.1	.7	.4	.2	.1								661	661	116	
66/ 65	.0	1.3	2.6	1.9	1.3	.9	.6	.4	.2	.1								840	840	437	12
64/ 63	.2	2.3	3.2	2.2	1.0	.8	.5	.3	.1	.1								952	952	1112	153
62/ 61	.2	3.0	3.7	1.8	1.0	.8	.2	.1	.1									992	992	1413	508
60/ 59	.2	2.8	3.6	1.6	.9	.4	.1	.1	.0									832	832	1413	890
58/ 57	.2	2.7	2.1	1.0	.7	.3	.1	.1										649	649	1294	1119
56/ 55	.3	1.6	1.3	.9	.5	.2	.1											432	432	1065	1192
54/ 53	.2	.9	1.3	.6	.5	.1	.1											328	328	743	1052
52/ 51	.1	.4	.7	.4	.1	.1	.0											167	167	510	859
50/ 49	.0	.4	.4	.3	.1	.1												112	112	383	793
48/ 47	.0	.4	.1	.1	.1	.0												69	69	222	664
46/ 45	.0	.2	.1	.1	.1	.0												46	46	167	537
44/ 43	.0	.1	.1	.1	.1													39	39	78	392
42/ 41		.0	.1	.1	.0													22	22	52	284
40/ 39		.0	.1	.0														14	14	32	234
38/ 37		.0	.0	.0														8	8	26	151
36/ 35																				26	115
34/ 33																				6	51
32/ 31																				3	56
30/ 29																					57
28/ 27																					27
26/ 25																					16

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

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
24/ 23																				24
22/ 21																				10
20/ 19																				1
TOTAL	1.4	16.4	20.3	14.5	11.2	8.9	7.0	5.8	4.1	3.7	2.7	2.1	1.1	.4	.3	.1		9117	9117	9117
																		9117	9117	

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.	42475038	594388	65.220	20.210	9117							
Dry Bulb	39678411	595939	65.4	8.914	9117			295.0	153.5	57.5		744
Wet Bulb	30524514	523098	57.6	5.554	9117		.2	11.0				744
Dew Point	24892821	471663	51.7	7.343	9117		15.6					744

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

13024 STATION — NORON AB SPAIN STATION NAME — 58-70 YEARS — NOV MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83												.0		.1				6	6		
82/ 81											.0		.0	.1	.0			10	10		
80/ 79										.0	.0	.0		.0				7	7		
78/ 77								.1	.0	.0	.0	.1	.0	.0				23	23		
76/ 75					.0	.0	.0	.1	.1	.1	.0	.0						36	36		
74/ 73				.0	.0	.1	.1	.1	.2	.1		.0						55	55		
72/ 71			.1	.1	.1	.2	.1	.2	.1	.0								91	91		
70/ 69			.3	.1	.3	.5	.6	.2	.1	.1	.0							190	190		
68/ 67		.3	.2	.3	.7	.7	.6	.3	.1	.0								268	268	14	1
66/ 65		.8	.4	.7	.7	.9	.4	.2	.1									356	356	90	37
64/ 63	.0	.8	.8	1.1	1.1	.8	.4	.2										470	470	119	86
62/ 61	.3	1.5	1.4	1.8	1.5	.7	.3	.1	.0									670	670	260	107
60/ 59	.5	3.0	2.1	2.4	1.5	.6	.2	.1										915	915	529	226
58/ 57	.2	3.4	2.8	1.7	.8	.4	.3	.0										854	854	801	383
56/ 55	.6	3.8	3.9	1.4	.8	.4	.1	.0										965	965	1056	600
54/ 53	.6	4.1	3.5	1.1	.4	.2	.0		.0									872	872	1124	705
52/ 51	.5	4.3	2.7	.5	.4	.2	.0											759	759	1148	944
50/ 49	.6	3.6	1.9	.4	.3	.0	.0											603	603	970	1171
48/ 47	.6	3.2	1.1	.3	.2	.0												472	472	805	1090
46/ 45	.6	2.9	.8	.4	.0													412	412	635	937
44/ 43	.6	1.7	.6	.3	.0													284	284	447	666
42/ 41	.2	1.2	.6	.1														193	193	261	505
40/ 39	.1	.9	.4	.1														130	130	220	345
38/ 37		.3	.4															57	57	126	275
36/ 35		.3	.4															57	57	69	204
34/ 33		.2	.1															25	25	70	148
32/ 31		.1																8	8	38	150
30/ 29		.0																1	1	6	111
28/ 27																				1	76
26/ 25																					16
24/ 23																					3
22/ 21																					1
18/ 17																					1
14/ 13																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | NOV MONTH

PAGE 2 | ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	5.3	36.3	24.4	12.7	9.0	5.7	3.2	1.7	.8	.3	.1	.1	.0	.2	.0			8789	8789	8789	8789

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.	54540988	677430	77.1	16.271	8789							
Dry Bulb	27560865	487301	55.4	7.858	8789		.7	56.2	11.2	1.5		720
Wet Bulb	23478779	450819	51.3	6.352	8789		3.7	1.1				720
Dew Point	20414361	418731	47.6	7.275	8789		29.4	.1				720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — DEC MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.0										2	2		
70/ 69							.0	.0	.0									9	9		
68/ 67				.0	.1	.0	.1	.1	.0									24	24		
66/ 65			.1	.1	.2	.2	.1	.2										69	69		
64/ 63		.1	.3	.4	.4	.4	.3	.0										168	168		
62/ 61	.1	.7	.6	1.0	.6	.5	.2	.0										331	331	40	15
60/ 59	.2	1.8	1.3	1.1	1.1	.4	.2	.0										561	561	159	78
58/ 57	.2	2.4	1.9	1.4	1.2	.5	.2	.0										709	709	363	185
56/ 55	.3	3.0	2.7	1.9	.7	.4	.2											835	835	571	303
54/ 53	.6	3.4	2.7	1.6	.6	.3	.1											858	858	752	475
52/ 51	.7	3.7	2.9	1.4	.5	.2												852	852	928	621
50/ 49	.9	4.7	2.7	.8	.5	.2	.0											896	896	1056	773
48/ 47	.9	4.3	1.9	.6	.3	.0	.0											722	722	1009	882
46/ 45	.7	4.3	1.4	.5	.1	.1												639	639	963	949
44/ 43	.7	3.8	1.1	.3	.0	.0												543	543	725	905
42/ 41	1.2	3.1	.9	.3	.0	.0												499	499	714	840
40/ 39	.9	2.6	1.0	.1	.1													430	430	465	821
38/ 37	.7	2.2	.5	.1	.0													314	314	422	567
36/ 35	.4	1.9	.4	.1	.0													261	261	322	410
34/ 33	.3	1.4	.2	.1														180	180	258	395
32/ 31	.2	.7	.1	.0														84	84	166	289
30/ 29	.1	.5	.0															61	61	94	238
28/ 27	.2	.1	.0															37	37	64	134
26/ 25	.1	.0	.0															11	11	16	103
24/ 23	.0	.0																5	5	10	45
22/ 21	.1	.0																6	6	9	16
20/ 19																					10
18/ 17																					24
16/ 15																					14
14/ 13																					13
12/ 11																					1
TOTAL	9.4	44.7	22.7	11.7	6.3	3.2	1.4	.4	.1										9106		9106
																		9106		9106	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	61247732	735352	80,8	14,310	9106
Dry Bulb	22863917	450347	49,5	8,060	9106
Wet Bulb	20070286	422592	46,4	7,143	9106
Dew Point	17649173	394423	43,3	7,875	9106

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		16,7	2,9				744
Wet Bulb		29,3					744
Dew Point		78,5					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | HURON AB SPAIN STATION NAME | 59-70 YEARS | JAN MONTH

PAGE 1 | 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
66/ 65						.2													2		
64/ 63		.2			.1														3		
62/ 61	.1	1.3			.2	.1													18	4	2
60/ 59		1.4	.2	.2			.3												23	20	21
58/ 57	.3	1.5	.4	.2		.1													28	19	11
56/ 55	.9	3.4	1.6	.5	.1														73	38	26
54/ 53	1.7	3.8	1.9	.5	.3														91	70	50
52/ 51	2.2	6.7	1.2	.2															115	112	70
50/ 49	2.2	7.7	1.0	.6	.1														129	123	129
48/ 47	1.8	8.6	1.5		.1														134	131	116
46/ 45	1.4	6.3	1.0	.2															99	120	126
44/ 43	1.4	5.3	.8	.1															85	104	95
42/ 41	1.4	4.9	.5	.1															78	89	93
40/ 39	.6	3.2	1.3																58	61	85
38/ 37	.4	3.5	.3																47	56	54
36/ 35	.4	5.0	.2	.1															64	48	57
34/ 33	.3	2.7	.4																37	65	57
32/ 31	.1	1.2	.7	.2															24	26	65
30/ 29	.1	.4	.2																8	17	21
28/ 27																				13	15
26/ 25																					5
24/ 23																					4
22/ 21																					10
20/ 19																					1
18/ 17																					2
16/ 15																					1
TOTAL	15.4	67.1	13.2	2.9	.8	.4	.3											1116	1116	1116	1116

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
Ref. Hum.	8822262	98684	88.4	9.278	1116							
Dry Bulb	2483238	52020	46.6	7.239	1116		2.7					93
Wet Bulb	2319795	50203	45.0	7.176	1116		4.7					93
Dew Point	2158464	48380	43.3	7.911	1116		10.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MURON AB SPAIN STATION NAME | 59-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
66/ 65							.1												1	1		
64/ 63				.1		.1	.1												3	3		
62/ 61	.1	.6	.1	.1			.1												11	11	2	1
60/ 59	.2	2.0	.1		.2		.1												28	28	23	17
58/ 57	.8	1.3	.1	.3	.3														30	30	20	23
56/ 55	.4	3.6	1.1	.5	.3														65	65	35	22
54/ 53	.5	2.9	1.8	.5															64	64	41	42
52/ 51	2.3	6.0	.5	.3															102	102	107	54
50/ 49	1.6	5.9	1.6		.1														103	103	107	104
48/ 47	2.1	7.2	1.3	.4															122	122	116	103
46/ 45	1.8	5.7	.9																94	94	105	105
44/ 43	1.7	4.9	.5	.2															82	82	102	109
42/ 41	2.8	4.8	.6	.1															93	93	90	98
40/ 39	2.0	4.0	.7																75	75	74	87
38/ 37	1.3	4.2	.1																62	62	73	72
36/ 35	.6	3.7	.2																50	50	58	62
34/ 33	.8	4.8	.5																69	69	57	54
32/ 31	.4	2.4	.2																34	34	59	55
30/ 29		1.6	.4																22	22	31	54
28/ 27		.5																	6	6	8	25
26/ 25																					8	10
24/ 23																						6
22/ 21																						8
20/ 19																						2
18/ 17																						2
16/ 15																						1
TOTAL	19.4	56.2	10.8	2.4	.8	.1	.4													1116		1116
																			1116		1116	

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.	9000320	99720	89.4	8.977	1116							
Dry Bulb	2352009	50489	45.2	7.799	1116		9.2					93
Wet Bulb	2203586	48858	43.8	7.611	1116		8.8					93
Dew Point	2060923	47075	42.2	8.213	1116		13.6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | HORDT AB SPAIN STATION NAME | 58-70 YEARS | JAN MONTH

PAGE 1 0600-0800 HOURS (GMT)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt.
70/ 69							.1											1	1		
68/ 67									.1									1	1		
66/ 65						.1												1	1		
64/ 63		.1																1	1		
62/ 61		.5	.2			.1												8	8	2	1
60/ 59	.3	1.3	.4	.1														23	23	18	15
58/ 57	.3	1.1	.4	.4	.4													29	29	17	12
56/ 55	.6	3.0	.6	.7	.2													60	60	38	29
54/ 53	1.1	3.2	1.2	.5														69	69	51	38
52/ 51	1.1	5.5	1.1	.4														93	93	82	60
50/ 49	1.8	5.5	1.2															97	97	101	93
48/ 47	2.5	5.4	.7	.4														101	101	117	93
46/ 45	1.1	5.5	.4															81	81	85	92
44/ 43	1.7	5.4	.4															85	85	91	106
42/ 41	2.9	4.1	.4	.2														87	87	92	103
40/ 39	2.6	6.2	.7															109	109	101	89
38/ 37	1.6	4.1	.4															69	69	83	81
36/ 35	.8	3.9	.6															60	60	63	74
34/ 33	.5	3.6	.3															50	50	56	57
32/ 31	.4	5.4	.4															69	69	63	49
30/ 29	.1	2.0	.3															27	27	46	61
28/ 27	.4	.6	.1															13	13	21	40
26/ 25	.1	.2																3	3	10	24
24/ 23																				1	5
22/ 21																					13
18/ 17																					3
TOTAL	19.9	66.7	10.0	2.5	.5	.2	.1		.1									1138	1138	1138	1138

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.	9220106	101958	89.6	8.660	1138							
Dry Bulb	2508451	50407	44.3	8.159	1138		9.2	.2				93
Wet Bulb	2169448	48818	42.9	7.916	1138		11.3					93
Dew Point	2024255	47029	41.3	8.426	1138		15.9					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

13024 — MORON AB SPAIN — 58-70 — JAN

STATION — STATION NAME — YEARS — MONTH

 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77											.1							1	1		
74/ 73									.1									1	1		
72/ 71									.1									1	1		
68/ 67						.1												1	1		
66/ 65						.3	.1											5	5		
64/ 63				.1	.1	.3												5	5		
62/ 61	.1	1.1	.4	.2	.1	.2												24	24	4	2
60/ 59	.2	1.9	.8	1.0	.4	.3	.1											55	55	16	16
58/ 57	.6	3.3	1.9	1.7	.3	.2												93	93	50	19
56/ 55	1.2	4.4	2.9	2.1	.5	.2												133	133	70	45
54/ 53	.8	3.8	3.5	1.6	.3													117	117	105	78
52/ 51	.8	4.9	3.5	2.0	.3	.1	.1											137	137	127	69
50/ 49	1.3	5.6	4.2	1.7	.3													153	153	145	118
48/ 47	.8	3.8	3.1	.8	.3	.1												104	104	145	131
46/ 45	.3	5.4	2.4	.7	.2	.1												107	107	137	125
44/ 43	.3	3.6	.6	1.0	.3													72	72	110	125
42/ 41	.8	2.2	.8	.6	.2													54	54	86	123
40/ 39	.3	2.2	.7	.3	.1													42	42	48	73
38/ 37	.2	1.7	.7	.2														32	32	48	74
36/ 35	.1	1.7	.7	.2														31	31	40	58
34/ 33	.1	.3	.1															6	6	28	34
32/ 31		.2	.2															4	4	14	25
30/ 29		.1																1	1	5	19
28/ 27																				1	26
26/ 25																					6
24/ 23																					4
22/ 21																					1
20/ 19																					2
TOTAL	7.9	46.3	26.4	14.1	3.1	1.8	.3		.2		.1							1179	1179	1179	1179

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.	8052649	96283	81.7	12.690	1179							
Dry Bulb	2980962	58762	49.8	6.658	1179		.4	.3	.2			93
Wet Bulb	2655243	55439	47.0	6.409	1179		1.6					93
Dew Point	2364716	52050	44.1	7.532	1179		7.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
82/ 81														.1				1	1		
80/ 79													.1					1	1		
78/ 77									.1									1	1		
76/ 75									.1									1	1		
74/ 73								.2										2	2		
72/ 71							.1	.1	.1									3	3		
70/ 69						.1	.1	.1										3	3		
68/ 67						.6	.1	.1	.2	.1								12	12		
66/ 65	.1		.1	.3	.8	1.2	.2	.2	.1									33	33	1	1
64/ 63	.1	.2	.8	.7	.8	1.4	1.3	.2	.2									64	64	1	1
62/ 61	.3	1.4	1.8	2.5	2.6	1.3	.4	.3										123	123	15	6
60/ 59	.2	2.3	4.2	4.7	2.9	1.6	.6		.1									196	196	35	20
58/ 57	.3	3.0	3.6	4.3	2.9	1.9	.3		.1									193	193	103	21
56/ 55	.3	3.9	3.5	4.3	3.2	1.4	.1											198	198	168	75
54/ 53	.6	2.5	2.4	4.1	2.2	.3	.3	.2										147	147	199	104
52/ 51	.2	1.1	2.4	2.3	1.5	.1	.3											93	93	171	123
50/ 49	.3	.7	1.1	1.4	.8	.3												53	53	170	135
48/ 47		.6	.3	.4	.4	.7												29	29	139	131
46/ 45	.1	.2	.1	.3	.6													15	15	79	110
44/ 43	.1		.1	.2														4	4	41	112
42/ 41				.2	.1													3	3	23	102
40/ 39				.3														4	4	13	60
38/ 37																				14	57
36/ 35																				4	43
34/ 33																				3	21
32/ 31																					13
30/ 29																					7
28/ 27																					10
26/ 25																					13
24/ 23																					8
22/ 21																					3
20/ 19																					2
18/ 17																					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) AM 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL W.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 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	2.5	15.8	20.4	26.0	18.7	10.7	3.6	1.2	.8	.1			.1	.1								1179	1179	1179	

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.	3864994	81016	68.7	15.902	1179			1.9	.5	.2		93
Dry Bulb	3840176	67036	56.9	4.929	1179							93
Wet Bulb	3129840	60476	51.3	4.872	1179							93
Dew Point	2561239	54239	46.0	7.486	1179		4.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Po
80/ 79									.1	.1								2	2		
78/ 75									.1	.1								2	2		
74/ 73									.1									1	1		
72/ 71						.1		.3	.2									6	6		
70/ 69						.1	.4			.1	.1							7	7		
68/ 67				.1	.2	1.0	.4	.1	.4									24	24		
66/ 65			.1	.6	1.1	1.1	.4	.6	.1	.1								46	46		
64/ 63	.2	.3	.8	1.2	1.2	1.6	1.0	.4	.1	.1								77	77	3	2
62/ 61		1.4	1.8	1.8	3.3	2.4	.9	.3										136	136	16	2
60/ 59	.4	2.2	4.3	4.7	3.2	2.0	.9	.2										203	203	54	23
58/ 57	.5	2.9	3.7	4.0	3.6	2.9	.8	.2										211	211	99	34
56/ 55	.7	3.3	3.9	3.4	2.6	2.0	.4	.2										186	186	186	72
54/ 53	.2	1.9	2.0	3.0	1.9	.6	.3	.3										116	116	184	101
52/ 51	.4	1.1	1.6	2.0	.9	.1	.4											72	72	183	126
50/ 49		.4	.4	.3	.5	.3	.1											22	22	157	136
48/ 47		.4	.1		.5	.2												13	13	118	121
46/ 45	.1				.4	.1												7	7	78	79
44/ 43				.1	.2													3	3	17	101
42/ 41				.3														3	3	16	105
40/ 39																				15	71
38/ 37																				6	48
36/ 35																				5	37
34/ 33																					22
32/ 31																					12
30/ 29																					6
28/ 27																					14
26/ 25																					9
24/ 23																					6
22/ 21																					6
20/ 19																					4
TOTAL	2.5	13.8	18.6	21.5	19.6	14.4	5.7	2.4	1.0	.4	.1							1137	1137	1137	1137

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.	5381236	75860	66.7	16.781	1137							
Dry Bulb	3844323	65895	58.0	4.725	1137			3.4	.4	.1		93
Wet Bulb	3083380	58972	51.9	4.683	1137							93
Dew Point	2486283	52453	46.1	7.649	1137		4.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 59-70 YEARS | JAN MONTH

PAGE 1 1800-2000 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
70/ 69						.1	.1												2	2		
68/ 67						.1													1	1		
66/ 65					.3														3	3		
64/ 63		.3	.2		.4	.4	.1												15	15		
62/ 61	.4	1.3	.4	.5	.2	.4													35	35	9	3
60/ 59	.1	2.2	.4	1.4	.4	.2	.1												53	53	22	19
58/ 57	.5	4.2	3.0	2.2	.6	.2	.1												121	121	49	27
56/ 55	.4	6.6	4.6	2.2	.6	.4													165	165	80	52
54/ 53	.8	7.2	3.0	2.2	1.3	.3													164	164	153	73
52/ 51	.5	7.8	4.0	2.9	.9														180	180	178	129
50/ 49	.9	4.3	4.7	2.6	.6														147	147	154	165
48/ 47	.2	2.1	2.2	1.6	.2	.2													71	71	128	122
46/ 45	.2	2.7	2.0	.3	.3	.1													61	61	118	110
44/ 43		1.2	1.2	.5	.1														33	33	91	71
42/ 41	.1	1.2	.9	.4	.4														33	33	47	93
40/ 39		.4	.4	.3															11	11	30	55
38/ 37		.4	.4	.4															15	15	22	77
36/ 35		.1	.2	.1															4	4	16	49
34/ 33			.2																2	2	14	18
32/ 31																					4	14
30/ 29																					1	8
28/ 27																						9
26/ 25																						10
24/ 23																						6
22/ 21																						5
20/ 19																						1
TOTAL	4.1	41.8	27.0	17.7	6.1	2.2	.4												1116	1116	1116	1116

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	7255659	88819	79.6	12.944	1116
Dry Bulb	3079481	58273	52.2	5.415	1116
Wet Bulb	2713695	54671	49.0	5.638	1116
Dew Point	2399408	51098	45.8	7.323	1116

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			.3				93
Wet Bulb		.4					93
Dew Point		4.4					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

13024 STATION — MORON Ab SPAIN STATION NAME — 59-70 YEARS — JAN MONTH

 2100-2300 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 P.
68/ 67						.1												1	1		
66/ 65						.1												1	1		
64/ 63		.1	.1	.1		.2												5	5		
62/ 61	.1	1.1																13	13	3	2
60/ 59	.3	1.3	.2	.3	.5	.3												32	32	20	18
58/ 57	.9	1.7	.8	.5	.4	.1												50	50	31	22
56/ 55	.4	4.4	2.2	.4	.1													85	85	33	26
54/ 53	.5	7.1	2.8	.3														119	119	73	42
52/ 51	1.7	9.2	3.1	.6														164	164	154	99
50/ 49	1.1	8.7	3.1	.9	.2													156	156	167	131
48/ 47	1.1	5.6	2.3	.8	.2													111	111	145	147
46/ 45	.7	6.0	2.2	.4														104	104	103	129
44/ 43	.6	4.2	1.5															71	71	111	96
42/ 41	.3	2.6	1.6															50	50	73	97
40/ 39	.1	3.5	1.2		.1													54	54	47	54
38/ 37	.1	3.7	.5	.4														52	52	56	65
36/ 35	.1	1.7	.7	.4														32	32	48	73
34/ 33		.6	.6															14	14	29	47
32/ 31			.1															1	1	17	21
30/ 29			.1															1	1	8	21
28/ 27																				2	5
26/ 25																					1
24/ 23																					8
22/ 21																					8
20/ 19																					2
18/ 17																					2
TOTAL	8.0	61.5	23.2	5.1	1.5	.7													1116		1116
																	1116			1116	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	8288541	95487	85.6	10.309	1116
Dry Bulb	2676565	54187	48.6	6.390	1116
Wet Bulb	2453721	51833	46.4	6.443	1116
Dew Point	2249862	49416	44.3	7.441	1116

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.2	.1				93
Wet Bulb		2.3					93
Dew Point		5.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 59-70 YEARS | FEB MONTH

PAGE 1 0000-0200 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
64/ 63					.2													2	2		
62/ 61			.3	.1		.1												5	5		
60/ 59		.8	.5	.2		.1												16	16		
58/ 57	.7	3.6	.4	.4	.1													52	52	24	6
56/ 55	.8	3.7	.6	.3	.2													57	57	54	36
54/ 53	1.1	3.2	1.6	.2	.2													65	65	59	62
52/ 51	.9	6.9	3.3	.7	.2													121	121	60	47
50/ 49	1.0	9.0	3.7	1.0	.3													152	152	125	81
48/ 47	.7	8.8	2.5	.4	.3	.1												129	129	125	125
46/ 45	.3	8.2	1.1	.4	.1													102	102	144	104
44/ 43	.5	5.2	1.6	.2														78	78	113	123
42/ 41	1.0	5.0	1.9	.2														82	82	85	96
40/ 39	.2	3.4	1.4	.1														51	51	80	79
38/ 37		3.5	1.2															47	47	46	60
36/ 35		2.4	.6															30	30	38	64
34/ 33		1.3	.4															17	17	34	34
32/ 31		.6																6	6	17	44
30/ 29		.2																2	2	8	24
28/ 27																				2	15
26/ 25																					12
24/ 23																					2
TOTAL	7.1	85.6	21.3	4.1	1.6	.3													1014		1014
																		1014		1014	

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.	7530411	86869	85.7	9.340	1014							
Dry Bulb	2310332	47988	47.3	6.227	1014		.7					84
Wet Bulb	2120208	45934	45.3	6.237	1014		2.2					84
Dew Point	1937125	43729	43.1	7.116	1014		8.0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — FEB MONTH

 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
62/ 61			.1			.3												4	4		
60/ 59		.6	.2		.1													9	9		
58/ 57	.3	2.5	.3	.5	.3													39	39	13	4
56/ 55	1.1	3.6	.5	.2	.1													58	58	44	30
54/ 53	1.2	3.2	1.5															60	60	63	56
52/ 51	.6	4.5	.8	.2														62	62	49	42
50/ 49	1.2	9.3	1.4	.3														123	123	100	61
48/ 47	.8	7.9	2.3	.5	.1	.1												118	118	117	110
46/ 45	.8	7.5	2.1	.7	.2													114	114	107	87
44/ 43	1.1	7.1	1.8	.3														104	104	105	102
42/ 41	1.1	7.5	1.7	.1														105	105	114	107
40/ 39	.4	5.7	1.0	.1														73	73	88	100
38/ 37	.3	2.7	.9	.2														41	41	78	76
36/ 35	.1	2.9	.9															39	39	30	76
34/ 33	.1	2.9	.6															36	36	45	41
32/ 31	.1	2.1																22	22	38	37
30/ 29		.7																7	7	18	37
28/ 27		.1																1	1	7	22
26/ 25		.1																1	1	1	19
24/ 23																					7
22/ 21																					2
TOTAL	9.1	70.9	19.6	3.1	.8	.4													1016		1016
																		1016		1016	

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.	7758830	88338	86.9	8.773	1016							
Dry Bulb	2165047	46401	45.7	6.724	1016		2.6					84
Wet Bulb	2003913	44605	43.9	6.705	1016		5.3					84
Dew Point	1841097	42579	41.9	7.472	1016		10.3					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MURCIA AP SPAIN 58-70 FEB
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
66/ 65					.1													1	1		
62/ 61		.1	.2			.1												4	4		
60/ 59		.9	.2		.1													12	12	2	
58/ 57	.4	2.2	.1	.5	.2													35	35	19	12
56/ 55	1.1	2.5	.9	.1														47	47	41	26
54/ 53	.9	3.0	1.0	.3														53	53	40	38
52/ 51	.7	4.2	1.5	.1														68	68	60	42
50/ 49	1.1	9.3	1.7	.1	.1													128	128	80	69
48/ 47	1.8	7.0	1.0	.1														103	103	139	116
46/ 45	1.2	6.6	1.6	.3	.2													102	102	85	107
44/ 43	1.3	7.3	2.3	.4	.2													117	117	103	78
42/ 41	1.3	5.6	1.3															86	86	111	94
40/ 39	.4	6.4	1.9															90	90	83	100
38/ 37	.5	4.0	.6	.1														54	54	93	65
36/ 35		5.0	.5	.2														59	59	55	78
34/ 33	.1	1.3	.5															19	19	51	63
32/ 31	.2	2.7	.3															33	33	28	58
30/ 29		1.8																19	19	26	29
28/ 27	.1	.6																7	7	18	22
26/ 25		.1																1	1	4	18
24/ 23																					17
22/ 21																					5
20/ 19																					1
TOTAL	11.0	70.6	15.3	2.1	.9	.1													1038		1038
																		1038		1038	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	8040710	90936	87.6	8.452	1038
Dry Bulb	2147762	46638	44.9	7.100	1038
Wet Bulb	1995312	44914	43.3	7.074	1038
Dew Point	1842120	42968	41.4	7.822	1038

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		4.9					84
Wet Bulb		6.2					84
Dew Point		18.1					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
74/ 73					.1													1	1		
72/ 71							.1											1	1		
70/ 69				.1	.2													3	3		
68/ 67					.1													1	1	1	
66/ 65				.3	.5	.1	.1											10	10		
64/ 63		.1	.4	.3	.4		.2	.1										15	15	1	1
62/ 61		.7	.7	1.0	.6	.2	.1											36	36	4	1
60/ 59		1.6	1.8	1.3	1.2	.4												67	67	20	3
58/ 57	.2	3.2	2.6	2.3	1.2	.3	.1											106	106	45	22
56/ 55	.7	2.7	4.5	3.2	1.5	.4												140	140	85	45
54/ 53	.6	4.5	5.0	2.1	1.0	.4	.2											150	150	93	70
52/ 51	.4	5.4	4.3	1.7	.6	.2												134	134	150	78
50/ 49	.5	5.1	3.2	2.1	1.0	.4												133	133	171	128
48/ 47	.4	3.2	3.8	1.1	.3	.1												95	95	151	142
46/ 45	.3	3.2	2.5	.9	.2													77	77	107	128
44/ 43		1.2	.8	.9	.2													34	34	90	103
42/ 41	.1	1.5	1.0	.3	.1													32	32	58	88
40/ 39		1.2	.6	.3	.1													23	23	41	81
38/ 37	.1	.4	.3	.2														10	10	33	50
36/ 35		.5	.4															9	9	13	47
34/ 33			.1															1	1	10	30
32/ 31																				4	18
30/ 29																				1	15
28/ 27																					12
26/ 25																					8
24/ 23																					7
22/ 21																					1
TOTAL	3.2	34.4	32.0	18.1	9.1	2.3	.7	.1										1078	1078		1078
																		1078		1078	

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.	6648521	83525	77.5	12.815	1078							
Dry Bulb	2954495	56071	52.0	5.941	1078			.5	.1			84
Wet Bulb	2359881	52175	48.4	5.669	1078		.4	.1				84
Dew Point	2222994	48364	44.9	7.025	1078		4.8					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — FEB MONTH

 1200-1400 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 Po
80/ 79						.1												1	1		
78/ 77						.3		.1										4	4		
76/ 75							.1											1	1		
74/ 73				.1	.2		.2	.1	.3									9	9		
72/ 71					.1	.2	.5	.3		.3								14	14		
70/ 69					.4	.4	.4	.4	.3									19	19	1	
68/ 67				.5	.8	.7	1.0	.6										40	40	5	
66/ 65			.7	.4	1.4	1.0	1.2	.8	.1									61	61	1	
64/ 63			1.5	1.9	1.7	1.9	.8	.5										88	88	4	4
62/ 61		.5	1.8	3.1	2.0	3.1	.9	.4										127	127	23	3
60/ 59	.1	1.6	2.1	3.9	2.9	3.4	.5	.4	.1									161	161	56	7
58/ 57	.3	2.0	3.1	4.7	3.9	1.8	1.4	.4										189	189	102	42
56/ 55	.5	1.3	2.4	3.7	2.3	1.8	.8	.2										140	140	140	59
54/ 53	.2	1.8	1.6	2.6	1.8	1.3	.4											103	103	180	91
52/ 51	.2	1.2	1.2	1.5	1.8	.7	.2											73	73	164	98
50/ 49	.1	1.1	.4	.9	.2	.1												30	30	152	123
48/ 47		.4			.5	.2												11	11	99	104
46/ 45					.5	.1												6	6	84	112
44/ 43			.1			.1												2	2	39	109
42/ 41					.1													1	1	15	93
40/ 39																				7	60
38/ 37																				5	46
36/ 35																				2	40
34/ 33																				1	29
32/ 31																					17
30/ 29																					16
28/ 27																					16
26/ 25																					4
24/ 23																					4
22/ 21																					1
20/ 19																					2
TOTAL	1.3	9.8	14.8	23.1	20.4	17.1	8.3	4.1	.7	.3									1080		1080
																	1080		1080		

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.	4056204	68824	63.7	15.828	1080							
Dry Bulb	3739914	63460	58.8	5.364	1080			6.8	1.2	.1		84
Wet Bulb	2943628	56132	52.0	4.929	1080			.5				84
Dew Point	2319649	49395	45.7	7.488	1080		4.7					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON Ab SPAIN STATION NAME — 58-70 YEARS — FEB MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81						.1	.2	.2										5	5		
80/ 79									.1									1	1		
78/ 77						.1				.3								4	4		
76/ 75								.3	.3	.3								9	9		
74/ 73				.2	.1		.1	.5	.2									11	11		
72/ 71					.2	.1	.7	.6	.3									21	21	3	
70/ 69				.1	.2	.6	.8	.9	.3									29	29	1	
68/ 67			.3	.6	.3	1.4	1.1	.9	.3	.1								50	50	4	1
66/ 65			.3	.8	.6	1.1	1.6	1.7	.3									66	66	1	2
64/ 63			1.4	1.8	1.6	2.4	1.4	1.4	.2									105	105	7	3
62/ 61		.7	2.2	2.4	1.8	1.0	2.1	.4	.1									111	111	17	6
60/ 59		1.1	3.0	3.8	2.9	1.5	1.6	1.4										158	158	72	9
58/ 57	.6	1.5	3.5	3.3	2.4	2.4	1.2	.1										155	155	111	42
56/ 55	.3	1.1	2.3	4.5	2.1	2.2	.8	.2										140	140	127	60
54/ 53	.1	1.7	2.0	1.5	1.5	1.1	.6											87	87	179	64
52/ 51		1.5	1.4	.3	1.0	.7	.1											51	51	144	109
50/ 49		.7		.1	.3	.5												16	16	156	110
48/ 47		.4	.1	.1		.1												7	7	98	105
46/ 45		.2			.4													6	6	66	121
44/ 43				.1	.1													2	2	28	84
42/ 41																				14	64
40/ 39																				7	64
38/ 37																				4	54
36/ 35																				1	36
34/ 33																					30
32/ 31																					26
30/ 29																					8
28/ 27																					20
26/ 25																					13
24/ 23																					3
TOTAL	1.0	8.9	16.4	19.5	15.5	15.2	12.2	8.4	2.2	.7									1034		1034
																	1034			1034	

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.	[illegible]	[illegible]	[illegible]	[illegible]	1034							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1034			10.6	2.4	.4		84
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1034			.6				84
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1034		5.7	.1				84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 59-70 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
80/ 79						.1												1	1		
78/ 77						.1												1	1		
74/ 73				.1	.1			.1	.1									4	4		
72/ 71							.2	.1										3	3		
70/ 69			.1	.2			.4											7	7	2	
68/ 67			.1	.1	.1	.4	.3	.3										13	13	3	
66/ 65		.1		.2	.6	.4	.2	.1										16	16	1	3
64/ 63		.3	.3	.6	.6	.8	.8	.1										35	35	4	2
62/ 61		.4	.7	.7	.8	.4	.3	.1	.1									35	35	3	5
60/ 59		1.8	1.8	1.4	1.0	.8	.4											72	72	21	3
58/ 57	.4	4.6	3.4	1.9	1.8	1.1	.1	.2										136	136	57	23
56/ 55	.2	5.5	5.1	2.4	2.5	.6	.3											167	167	104	47
54/ 53	.7	5.0	5.8	2.5	1.7	.4	.2											165	165	141	72
52/ 51	.1	4.7	5.2	1.7	1.8	.4												141	141	144	121
50/ 49	.1	3.4	2.3	2.0	.7	.4												89	89	169	130
48/ 47	.1	2.5	1.4	1.4	.8													62	62	138	133
46/ 45		.7	1.1	.7	.6													31	31	88	100
44/ 43			.6	1.1	.2													19	19	53	91
42/ 41		.1	.6	.2														9	9	33	58
40/ 39		.2	.2	.1														5	5	25	57
38/ 37			.1															1	1	20	54
36/ 35			.2															2	2	5	32
34/ 33																				3	22
32/ 31																					25
30/ 29																					18
28/ 27																					12
26/ 25																					5
24/ 23																					1
TOTAL	1.6	29.3	28.8	17.1	13.1	5.8	3.2	1.0	.2									1014	1014	1014	1014

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.	9792078	75082	74.0	15.153	1014							
Dry Bulb	3037865	55211	54.4	5.593	1014			2.4	.5			84
Wet Bulb	2566847	50719	50.0	5.252	1014			.4				84
Dew Point	2179062	46438	45.8	7.188	1014		5.1					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | HURON AB SPAIN STATION NAME | 59-70 YEARS | FEB MONTH

 2100-2300 HOURS (G.M.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 Po
72/ 71			.1															1	1		
68/ 67																				1	
66/ 65		.1	.1															2	2		1
64/ 63		.1	.1	.1	.1													4	4	1	1
62/ 61		.2		.1	.2													5	5	3	2
60/ 59		2.0	.2	.5	.2													29	29	4	2
58/ 57	.6	2.7	.9	.7		.3												52	52	32	17
56/ 55	1.1	5.6	3.0	1.0	.3	.1												112	112	52	40
54/ 53	.4	6.4	3.4	1.3	1.3	.1												130	130	81	57
52/ 51	.9	8.2	5.9	2.6	.4													182	182	114	78
50/ 49	.5	7.0	3.7	1.1	.5	.1												131	131	156	109
48/ 47	.5	4.9	2.7	.5	.3													90	90	149	130
46/ 45	.2	6.7	2.1	.8	.3													102	102	128	110
44/ 43	.1	3.9	1.7	.8														66	66	98	106
42/ 41		1.4	1.4	.3														31	31	64	94
40/ 39		1.8	1.4	.2														34	34	38	65
38/ 37		1.6	.9															25	25	39	58
36/ 35		.5	.9															14	14	30	49
34/ 33		.1	.2															3	3	16	25
32/ 31																				6	24
30/ 29		.1																1	1	1	25
28/ 27																				1	17
26/ 25																					1
24/ 23																					3
TOTAL	4.2	53.3	28.5	9.9	3.6	.6												1014	1014		1014
																		1014		1014	

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.	7024189	83641	82,5	11,106	1014							
Dry Bulb	2547121	50499	49,8	9,636	1014		.1	.1				84
Wet Bulb	2289636	47824	47,2	9,801	1014		.7	.1				84
Dew Point	2057334	45112	44,5	7,049	1014		5,8					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
72/ 71											.3							3	3		
70/ 69									.1									1	1		
68/ 67								.1		.1								2	2		
66/ 65								.2	.3	.1								6	6		
64/ 63						.1			.1									2	2		
62/ 61		.4				.1			.1									7	7		
60/ 59		1.2	1.1	.2	.5	.3	.2											40	40	9	5
58/ 57	.8	5.3	1.1	.3	.7	.3	.4											108	108	35	21
56/ 55	.8	6.2	2.3	.9	.3	.3	.2											132	132	92	50
54/ 53	1.1	6.3	2.7	.5	.5	.2	.2											137	137	124	91
52/ 51	1.0	6.4	3.3	.7	.6	.1												145	145	127	114
50/ 49	.8	9.6	4.7	.6	.1													188	188	162	126
48/ 47	.6	7.1	3.6	.9	.2													148	148	179	127
46/ 45	.6	4.7	2.1	.7	.1													97	97	155	149
44/ 43	.5	2.8	.9	.3														55	55	111	127
42/ 41	.5	2.5	1.2	.2														52	52	73	90
40/ 39	.3	2.6	.9															49	49	55	94
38/ 37		1.5	.3															22	22	49	67
36/ 35		.1	.1															2	2	20	63
34/ 33		.1																1	1	6	31
32/ 31																					21
30/ 29																					16
28/ 27																					4
24/ 23																					1
TOTAL	7.0	57.1	24.3	5.3	2.9	1.3	.9	.3	.5	.2	.3							1197	1197	1197	1197

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.	8543871	99967	83.5	12.774	1197							
Dry Bulb	3074067	60271	50.4	5.733	1197			.5				93
Wet Bulb	2767257	57187	47.8	5.419	1197							93
Dew Point	2496239	54091	45.2	6.589	1197		3.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
MAR — 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
72/ 71											.3							3	3		
70/ 69											.2							2	2		
68/ 67									.2									2	2		
66/ 65								.1										1	1		
62/ 61		.2						.1										3	3		
60/ 59		.8	.3		.1	.1	.1											16	16	3	
58/ 57	1.0	3.1	.7	.1	.2		.4											65	65	29	15
56/ 55	.8	6.2	.9	.5	.7	.3	.1											113	113	72	54
54/ 53	1.3	6.8	2.1	.8	.4	.3												139	139	92	83
52/ 51	1.1	5.3	1.6	.5	.3													104	104	119	92
50/ 49	1.1	7.5	1.9	.8	.2													137	137	124	105
48/ 47	.6	9.2	2.5	.4	.2													154	154	136	92
46/ 45	1.0	7.1	1.8	.3	.1													123	123	168	123
44/ 43	.6	6.3	1.8	.1														104	104	127	130
42/ 41	1.1	5.2	1.0		.1													88	88	119	130
40/ 39	.6	4.0	.6	.1														65	65	80	114
38/ 37	.5	2.4	.3															39	39	55	90
36/ 35	.3	1.5	.7															29	29	42	71
34/ 33	.1	.4																6	6	20	41
32/ 31	.1	.3																4	4	10	28
30/ 29																				1	17
28/ 27																					8
26/ 25																					3
24/ 23																					1
TOTAL	10.0	66.2	16.3	3.5	2.1	.6	.6	.2	.2		.4							1197	1197	1197	1197

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	9050302	103162	86.2	11.545	1197
Dry Bulb	28335739	57783	48.3	6.226	1197
Wet Bulb	25984?2	55320	46.2	5.913	1197
Dew Point	23798?4	52754	44.1	6.771	1197

Mean No. of Hours with Temperature

Element	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.3	.5				93
Wet Bulb		.9					93
Dew Point		4.4					93

FORM AS 64 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

13024 MORON AB SPAIN 58-70 MAR
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 Dew Bulb	Wet Bulb Dew Point
72/ 71											.1							1	1		
70/ 69											.1							1	1		
66/ 65							.1	.1	.1	.1								4	4		
64/ 63							.2	.3										5	5		
62/ 61					.1													1	1		
60/ 59	.1	.9	.2		.3	.1	.1											19	19	2	1
58/ 57	.9	2.8	.8	.1	.3	.2	.2											63	63	29	15
56/ 55	1.2	5.2	.8	.5	.4	.3	.3											103	103	57	37
54/ 53	2.3	5.9	.8	.8	.4	.1												124	124	118	89
52/ 51	1.4	5.8	1.7	.6	.4	.3												122	122	104	101
50/ 49	1.2	8.4	1.8	1.3	.5													156	156	114	89
48/ 47	1.3	7.3	1.8	.8	.2													135	135	152	119
46/ 45	1.0	6.9	2.6	.4														131	131	142	111
44/ 43	1.3	6.1	1.4	.2														107	107	139	124
42/ 41	.8	4.8	1.5		.1													86	86	127	115
40/ 39	.4	3.5	.4															92	92	86	107
38/ 37	.6	2.7	.4															44	44	50	102
36/ 35	.1	1.8	.3															27	27	40	72
34/ 33	.3	.8																13	13	25	52
32/ 31	.1	.1																2	2	10	37
30/ 29		.1																1	1	2	15
28/ 27																					6
26/ 25																					3
TOTAL	12.9	63.2	14.5	4.5	2.6	.8	.8	.3	.1	.1	.2								1197		1197
																		1197		1197	

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.	8995742	102744	85.8	12.156	1197							
Dry Bulb	2824187	57665	48.2	6.215	1197		.2	.2				93
Wet Bulb	2583441	55153	46.1	5.940	1197		.9					93
Dew Point	2359901	52469	43.8	6.848	1197		4.9					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

13024 — STATION
FORD AB SPAIN — STATION NAME
58-70 — YEARS
MAR — MONTH

PAGE 1 0900-1100 — HOUR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL D.B. - W.B.	TOTAL Wet B. - Dew P.
76/ 75											.1	.2						3	3		
74/ 73								.1	.2		.1	.1						5	5		
72/ 71						.1		.3	.2	.2								8	8		
70/ 69						.2	.3	.2	.3		.1							11	11		
68/ 67			.2		.1	.3	1.1	.3	.3	.3								29	29		
66/ 65			.1	.1	.4	.8	.4	.6	.3	.1								32	32		
64/ 63		.2	.6	.6	.8	1.1	.6	.8	.3									62	62	2	
62/ 61		.3	1.9	2.3	1.4	1.3	.6	.1										95	95	6	1
60/ 59	.1	2.8	3.5	3.6	2.4	1.8	.3	.1										174	174	30	11
58/ 57	.2	4.0	5.1	2.2	2.2	1.2	.2											179	179	97	29
56/ 55	.7	4.0	3.8	5.1	2.2	.8												197	197	192	79
54/ 53	.2	2.8	3.2	3.2	1.1	.6												131	131	183	101
52/ 51	.1	2.7	4.3	1.3	1.3	.3												118	118	169	136
50/ 49	.2	1.6	2.3	1.5	.4	.2												73	73	215	132
48/ 47		1.6	1.3	.5	.1													41	41	133	115
46/ 45	.4	.4	.4	.4	.3													23	23	95	165
44/ 43		.3	.3	.1														9	9	38	126
42/ 41		.3	.2	.1														7	7	22	99
40/ 39																				12	62
38/ 37																				2	54
36/ 35																				1	40
34/ 33																					19
32/ 31																					10
30/ 29																					8
28/ 27																					7
26/ 25																					2
TOTAL	1.8	20.9	27.1	21.1	12.6	8.4	3.4	2.3	1.4	.5	.3	.3						1197		1197	
																		1197		1197	

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.	6339341	84917	70.9	16.234	1197							
Dry Bulb	3868834	67734	56.6	5.486	1197			4.4	.6			93
Wet Bulb	3176385	61435	51.3	4.412	1197							93
Dew Point	2637049	55663	46.5	6.374	1197		2.1					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

13024 MORON AB SPAIN 58-70 MAR

STATION 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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt.
84/ 83															.2			2		2		
82/ 81													.1					1		1		
80/ 79											.2							2		2		
78/ 77								.1	.2	.3		.3	.3					13		13		
76/ 75							.2	.1	1.1	.4	.4	.3						29		29		
74/ 73					.1	.2	.2	.3	1.1	.8	.3	.2						36		36		
72/ 71					.1	.3	.8	.7	.8	1.1	.3							47		47		
70/ 69					.5	.6	1.2	1.3	1.4	.8								68		68		
68/ 67				.7	1.2	1.5	1.5	.8	.8	.3								74		74		
66/ 65			.4	1.8	2.1	2.1	.9	1.6	.3									110		110	2	
64/ 63		.2	1.2	3.1	3.2	2.5	1.8	1.0	.2									157		157	9	
62/ 61	.1	1.0	2.3	4.6	3.1	2.6	1.6	.4										187		187	39	1
60/ 59	.2	1.3	1.9	3.8	2.1	2.9	.8	.3										159		159	118	22
58/ 57		1.3	1.3	2.8	2.9	2.2	.3	.1										132		132	195	38
56/ 55	.1	.9	.7	2.3	1.8	1.5	.8											97		97	208	90
54/ 53	.2	.3	.6	.7	.8	.7	.2											42		42	189	106
52/ 51	.2	.6	.2	.4	.5	.3	.1											27		27	169	129
50/ 49		.3	.2	.1	.1	.1												8		8	132	133
48/ 47		.3	.1															5		5	72	107
46/ 45	.1																	1		1	39	114
44/ 43																					19	101
42/ 41																					5	86
40/ 39																					1	93
38/ 37																						63
36/ 35																						40
34/ 33																						26
32/ 31																						22
30/ 29																						18
28/ 27																						9
26/ 25																						2
24/ 23																						1
TOTAL	.8	6.1	8.9	20.3	18.5	17.5	9.8	6.5	5.8	3.5	1.2	.8	.3		.2				1197		1197	
																		1197		1197		

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.	4395625	69561	58.1	17.185	1197							
Dry Bulb	4712144	74760	62.5	5.990	1197			21.1	6.4	.3		93
Wet Bulb	3497618	64500	53.9	4.294	1197							93
Dew Point	2627875	55435	46.3	7.117	1197		3.7					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

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — MAR MONTH

PAGE 1 — 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 P	
84/ 83													.1	.2	.1			4	4	
82/ 81														.1				1	1	
80/ 79									.2	.2	.3	.1	.2	.1				11	11	
78/ 77						.1		.2	.3	.6	.4	.4	.3					27	27	
76/ 75						.3	.3	.3	.3	1.3	.7	.3	.1					40	40	
74/ 73						.1	.3	1.0	1.1	1.0	.7	.2						52	52	
72/ 71					.2	.3	1.1	.8	1.0	.6	.3							50	50	
70/ 69				.1	.4	.8	1.4	.8	1.7	.5								67	67	
68/ 67				.3	1.3	1.6	1.0	1.0	1.1	.2								78	78	1	
66/ 65			.2	2.0	2.4	2.5	1.2	1.3	.8									121	121	5	
64/ 63			.7	3.6	2.2	3.2	1.3	1.7	.6									156	156	14	1
62/ 61	.1	.7	2.4	3.0	2.5	2.5	1.3	1.2										159	159	31	2
60/ 59	.2	1.3	2.0	2.5	3.7	2.7	1.5	.4										177	177	137	13
58/ 57	.1	1.3	1.4	1.1	1.5	1.8	.7	.6										100	100	212	38
56/ 55		1.3	1.1	1.2	.8	.6	.9											70	70	197	94
54/ 53	.2	1.4	.6	.3	.4		.2											36	36	191	119
52/ 51		.5	.3	.3	.3	.3												18	18	162	133
50/ 49	.1	.4		.1														7	7	113	119
48/ 47		.5	.2	.1														9	9	66	95
46/ 45																				34	103
44/ 43																				16	91
42/ 41																				4	86
40/ 39																					91
38/ 37																					64
36/ 35																					47
34/ 33																					30
32/ 31																					14
30/ 29																					26
28/ 27																					11
26/ 25																					5
24/ 23																					1
TOTAL	.6	7.3	9.4	14.5	15.6	16.7	11.1	9.4	6.9	4.3	2.3	.9	.7	.3	.1			1183	1183		1183
																		1183		1183	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4143429	66481	56.2	18.565	1183
Dry Bulb	4819122	75118	63.5	6.457	1183
Wet Bulb	3502616	64172	54.2	4.274	1183
Dew Point	2578710	54526	46.1	7.446	1183

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			25.9	10.6	.6		93
Dry Bulb			.1				93
Wet Bulb		4.5					93
Dew Point							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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | MAR 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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P.
80/ 79												.2						2	2		
78/ 77								.2				.1	.1					4	4		
76/ 75									.1			.3						4	4		
74/ 73						.1	.1	.2	.3	.2		.2						11	11		
72/ 71						.1	.2	.3	.4	.7	.2	.1						23	23		
70/ 69				.1	.1	.8	.3	.6	1.0	.3		.1						39	39		
68/ 67				.2	.5	.8	.8	.6	.3			.1						38	38		
66/ 65			.2	.7	.8	1.2	.8	.7	.3	.1								55	55		
64/ 63		.1	.3	1.8	1.4	1.6	1.1	.4										80	80	4	
62/ 61	.2	.6	2.	2.5	1.9	1.0	.6	.4										108	108	11	2
60/ 59	.1	3.2	4.2	2.6	2.0	1.2	.8	.2	.1									171	171	56	10
58/ 57	.1	4.5	4.2	3.0	1.8	.7	.9	.1										179	179	136	26
56/ 55	.3	4.3	4.	2.9	1.7	.8	.4	.1										171	171	210	94
54/ 53	.2	3.1	4.	1.4	1.0	.6	.1											123	123	200	136
52/ 51	.2	2.2	2.2	1.3	.6	.3												80	80	184	152
50/ 49		1.1	2.	.8	.4													50	50	146	144
48/ 47	.1	.6	.7	.1	.5													23	23	100	124
46/ 45		.3	.5	.3														13	13	71	113
44/ 43			.1															1	1	36	92
42/ 41	.1	.2																3	3	15	75
40/ 39																				9	59
38/ 37																					39
36/ 35																					37
34/ 33																					26
32/ 31																					21
30/ 29																					15
28/ 27																					6
26/ 25																					3
18/ 17																					2
TOTAL	1.1	20.2	24.3	17.7	12.7	9.2	6.1	3.7	2.5	1.3	.2	.9	.1						1178		1178
																		1178		1178	

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.	5876448	80430	68.3	18.084	1178							
Dry Bulb	4059065	68789	58.4	5.984	1178			9.6	1.7	.2		93
Wet Bulb	3250983	61667	52.3	4.399	1178							93
Dew Point	2646710	55236	46.9	6.941	1178		3.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 MAR

STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Pt.
74/ 73												.3						3		3		
72/ 71								.1			.1	.1						3		3		
70/ 69										.2								2		2		
68/ 67							.1	.1	.1		.1							4		4		
66/ 65			.1	.2			.3	.1	.1	.2	.1							11		11		
64/ 63			.1	.2		.3	.4	.1										13		13		
62/ 61	.1	.3	.4	.4	.8	.3	.1	.1	.1									30		30	2	1
60/ 59	.1	2.7	2.0	.6	.9	.3	.2	.2										83		83	15	7
58/ 57	.4	5.9	3.4	1.2	1.2	.3	.2											148		148	47	24
56/ 55	.8	7.1	3.1	1.4	.9	.3	.3											165		165	140	69
54/ 53	.4	7.8	5.9	2.0	1.1	.3	.1											206		206	154	102
52/ 51	.4	7.6	4.8	1.4	.3	.1												172		172	179	129
50/ 49	.3	4.9	3.1	.9	.7													116		116	194	159
48/ 47	.3	2.6	2.5	1.4	.2													81		81	154	137
46/ 45		3.2	.9	.5														55		55	108	139
44/ 43	.2	1.6	1.5	.8														48		48	73	102
42/ 41		1.1	.5	.2														21		21	54	89
40/ 39		.6	.3															10		10	33	70
38/ 37	.1	.3																5		5	15	42
36/ 35																					8	35
34/ 33																						28
32/ 31																						21
30/ 29																						12
28/ 27																						6
26/ 25																						1
24/ 23																						1
22/ 21																						2
TOTAL	3.1	45.7	28.7	11.0	6.0	2.0	1.6	.6	.3	.3	.3	.3						1176		1176	1176	1176

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.	7663414	93384	79.4	14.527	1176							
Dry Bulb	3329387	62351	53.0	5.344	1176			.9	.2			93
Wet Bulb	2919959	58317	49.6	4.886	1176							93
Dew Point	2571936	54442	46.3	6.626	1176		3.4					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

13024 — MORON AB SPAIN — 58-70 — APR

STATION — STATION NAME — YEARS — MONTH

 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry B. lb	TOTAL Wet Bulb	Dew Point
66/ 65				.1		.1	.2											4	4		
64/ 63			.2	.2	.2	.2	.1											9	9		
62/ 61		.3	.8	.8	.3	.4	.2											32	32		
60/ 59	.3	2.7	2.2	1.2	.8	.4												87	87	24	6
58/ 57	.2	5.8	3.8	1.8	1.2	.5	.1											155	155	57	29
56/ 55	.1	7.9	4.4	1.7	.9	.1	.1											173	173	111	63
54/ 53	.5	7.9	4.7	1.7	1.1	.3												187	187	183	105
52/ 51	.7	9.3	4.5	1.1	.3													183	183	175	157
50/ 49		6.6	3.1	1.0														122	122	211	175
48/ 47	.1	3.8	1.0	.3														61	61	138	157
46/ 45	.3	3.6	.9	.3														59	59	105	129
44/ 43	.1	2.1	.6	.2														34	34	64	110
42/ 41		1.4	.3															20	20	32	69
40/ 39	.1	.7	.4															14	14	24	55
38/ 37		.5																6	6	16	35
36/ 35																				6	31
34/ 33																					19
32/ 31																					5
30/ 29																					1
TOTAL	2.4	82.6	26.9	10.6	4.9	2.1	.6												1146		1146
																		1146		1146	

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.	7880855	94113	82.1	11.522	1146							90
Dry Bulb	3237378	60640	52.9	5.001	1146							90
Wet Bulb	2892729	57323	50.0	4.712	1146							90
Dew Point	2607311	54281	47.4	5.627	1146		.5					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | APR MONTH

 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
68/ 67								.1										1	1		
66/ 65							.1											1	1		
62/ 61		.1	.5	.1	.2		.1											11	11		
60/ 59	.4	1.5	.7	.3	.3	.2												39	39	15	8
58/ 57	1.0	4.5	1.5	1.0	.3													93	93	42	20
56/ 55	.7	5.6	2.1	1.3	.6													118	118	70	55
54/ 53	.7	9.6	3.6	1.6	.6	.2												186	186	115	79
52/ 51	1.2	8.2	4.5	1.8	.2	.1												183	183	152	116
50/ 49	1.0	8.1	3.2	1.0	.4													158	158	190	150
48/ 47	.5	7.5	2.3	.1	.1													120	120	181	141
46/ 45	.4	4.9	.9	.4														76	76	135	144
44/ 43	.3	4.8	.7	.2														69	69	101	131
42/ 41	.5	2.5	1.0															47	47	62	105
40/ 39	.1	1.0	.6															20	20	39	84
38/ 37		1.2	.3															17	17	19	38
36/ 35		.5																6	6	18	26
34/ 33		.1																1	1	6	28
32/ 31																				1	12
30/ 29																					9
TOTAL	7.0	60.1	21.8	7.7	2.7	.4	.2	.1											1146		1146
																	1146		1146		

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.	8441009	97625	85.2	10.430	1146							
Dry Bulb	2967212	58004	50.6	5.235	1146			.1				90
Wet Bulb	2706482	55384	48.3	5.108	1146		.1					90
Dew Point	2481483	52893	46.2	5.928	1146		1.6					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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
APR — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.1					.1									2	2		
66/ 65							.1											1	1		
64/ 63			.3	.4	.3		.1											13	13		
62/ 61		.8	1.3	1.0	.4	.3	.1											44	44	3	
60/ 59	.4	2.7	1.8	.9	.5	.3	.1											78	78	21	8
58/ 57	.1	3.9	2.7	1.1	.5	.5	.2											104	104	58	25
56/ 55	1.0	7.0	3.8	1.1	.3	.4												158	158	112	65
54/ 53	.3	7.7	4.1	1.6	.8	.3	.1											172	172	145	98
52/ 51	.7	7.4	3.7	1.3	.5	.1												157	157	159	141
50/ 49	.6	7.5	3.6	.8	.2													145	145	172	158
48/ 47	.2	5.3	1.9	.3	.1													89	89	147	148
46/ 45	.1	4.9	.8	.1														67	67	139	126
44/ 43	.6	3.5	.7	.3														58	58	81	120
42/ 41	.6	1.7	.5															32	32	55	88
40/ 39		.9	.3															13	13	28	62
38/ 37		.9																10	10	13	49
36/ 35		.4																5	5	11	27
34/ 33	.1																	1	1	5	20
32/ 31																					10
30/ 29																					3
28/ 25																					1
TOTAL	4.7	54.6	25.4	8.9	3.7	2.0	.6		.1										1149		1149
																		1149		1149	

Element (Y)	Σ_{Y^2}	Σ_Y	$\bar{Y}$	σ_Y	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8097881	95545	83.2	11.538	1149							
Dry Bulb	3148731	59813	52.1	5.527	1149			.2				90
Wet Bulb	2828167	56701	49.3	5.118	1149							90
Dew Point	2562220	53832	46.9	5.912	1149		1.1					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

13024 MORON AB SPAIN 58-70 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew F
84/ 83											.1							1	1		
82/ 81										.1	.1							2	2		
80/ 79										.2								2	2		
78/ 77								.3	.3	.3	.1							10	10		
76/ 75								.6	.1	.3	.1							12	12		
74/ 73						.3	.4	.7	.4	.1	.1							23	23		
72/ 71					.1	.5	.9	.7	.5	.3	.2							36	36		
70/ 69					1.0	1.7	1.5	.6	.4	.4								65	65		
68/ 67			.1	.7	1.4	1.6	1.1	.7	.3	.3								71	71		
66/ 65			.3	1.8	2.4	2.6	2.0	.9	.3									119	119		
64/ 63		.3	1.7	3.6	2.8	1.8	1.2	.9	.3									144	144	15	
62/ 61	.1	.7	3.2	4.1	3.1	2.1	1.0	.4										170	170	68	4
60/ 59		1.4	4.1	4.4	2.9	1.4	.7	.2										172	172	118	16
58/ 57		1.7	2.7	3.0	1.8	1.0	.3	.1										123	123	177	50
56/ 55	.1	1.7	2.2	3.1	1.0	.3	.2											97	97	223	103
54/ 53	.2	1.2	1.7	1.2	.3	.1												55	55	195	168
52/ 51		.4	1.1	.4														23	23	145	146
50/ 49		.5	.4	.2	.1													14	14	111	145
48/ 47		.1	.2	.1														4	4	65	126
46/ 45		.2	.1															3	3	20	108
44/ 43																				7	102
42/ 41		.3																3	3	2	57
40/ 39																				3	40
38/ 37																					35
36/ 35																					21
34/ 33																					15
32/ 31																					7
30/ 29																					5
28/ 27																					1
TOTAL	.3	8.4	17.9	22.6	16.9	13.4	9.3	6.0	2.6	1.8	.6								1149		1149
																		1149		1149	

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.	4945008	73156	63.7	15.817	1149							
Dry Bulb	4429603	71021	61.8	5.881	1149			17.4	3.9	.3		90
Wet Bulb	3434736	62638	54.5	4.177	1149							90
Dew Point	2743065	55709	48.5	6.050	1149		1.0					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | APR MONTH

 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87												.1						1	1		
86/ 85											.3	.2	.1					7	7		
84/ 83										.4	.1	.4	.6					18	18		
82/ 81									.1	.4	.4	.4	.1					17	17		
80/ 79								.1	.3	1.0	.5	.2						24	24		
78/ 77							.1	.8	1.2	1.0	.6	.3						46	46		
76/ 75						.1	1.0	1.7	1.2	1.1	.6	.3						70	70		
74/ 73					.1	.9	1.4	.9	1.4	1.2	.7							75	75		
72/ 71					.3	.9	1.4	1.7	1.1	1.0	.3	.1						79	79		
70/ 69				.1	.9	1.7	1.9	2.6	1.6	1.0								113	113		
68/ 67			.2	.8	3.0	2.4	3.7	2.1	1.1	.8	.1							162	162	1	
66/ 65		.1	.6	1.8	3.6	3.7	2.6	1.2	.6									164	164	17	
64/ 63		.2	.6	1.6	1.7	2.8	1.1	1.2	.1									107	107	73	
62/ 61		.6	.6	1.5	2.3	2.4	.4	.2										92	92	114	5
60/ 59		.4	.5	1.9	1.8	1.3	.4	.2										76	76	167	22
58/ 57		.9	.3	1.0	1.7	.4	.1											50	50	194	47
56/ 55	.2	.6	.3	.5	.4	.1												24	24	218	92
54/ 53		.3	.2	.2	.3													11	11	151	118
52/ 51		.2	.2	.1	.2													7	7	119	124
50/ 49		.1	.1															2	2	68	128
48/ 47																				15	145
46/ 45																				8	129
44/ 43			.3															3	3		86
42/ 41																					81
40/ 39																				3	55
38/ 37																					51
36/ 35																					22
34/ 33																					22
32/ 31																					11
30/ 29																					5
28/ 27																					4
24/ 23																					1
TOTAL	.2	3.4	3.8	9.4	16.1	16.8	14.1	12.7	8.8	8.1	3.7	2.0	.8					1148	1148	1148	1148

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.	3313761	58929	51.3	15.868	1148							
Dry Bulb	5268337	77377	67.4	6.798	1148			48.0	20.2	4.5		90
Wet Bulb	3676106	64782	56.4	4.221	1148			.1				90
Dew Point	2643374	54374	47.5	6.537	1148		1.6					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

13024 STATION | [illegible] AB SPAIN STATION NAME | 58-70 YEARS | APR MONTH

PAGE 1 | 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
90/ 89													.1					1	1		
88/ 87												.2	.1					3	3		
86/ 85										.1	.3	.2	.7	.2				16	16		
84/ 83											.3	.4	.7					15	15		
82/ 81									.2	1.1	.6	.6	.2					30	30		
80/ 79								.4	.4	1.1	1.1	.6	.1					40	40		
78/ 77								1.1	1.4	1.9	1.5	.7	.3					75	75		
76/ 75						.1	.5	1.4	1.1	1.1	1.0	.2						59	59		
74/ 73					.1	.5	1.0	1.5	2.0	1.1	1.2							80	80		
72/ 71					.3	.8	1.3	1.5	2.4	1.3	.7	.2						93	93		
70/ 69				.2	1.1	2.3	2.9	2.7	1.7	.7	.5							134	134		
68/ 67				.5	1.5	3.4	1.5	1.5	.5	.2								100	100	3	
66/ 65			.5	.6	2.3	3.1	1.7	.9	.5									105	105	19	
64/ 63		.5	.9	1.7	2.1	2.6	1.5	1.2										116	116	65	
62/ 61		.6	.4	2.3	2.0	.8	1.3	.3										84	84	128	1
60/ 59	.2	.9	.8	1.5	1.7	.4	.5	.1										67	67	168	31
58/ 57	.2	.6	.1	.7	.9	.5	.2											36	36	211	37
56/ 55		.5	.7	.1	.6	.3												24	24	195	63
54/ 53		.4	.5	.4														14	14	140	114
52/ 51		.4	.3	.1														8	8	95	154
50/ 49																				52	124
48/ 47																				23	111
46/ 45																				2	103
44/ 43																					103
42/ 41		.1	.2															3	3		73
40/ 39																				3	61
38/ 37																					46
36/ 35																					44
34/ 33																					13
32/ 31																					11
30/ 29																					7
28/ 27																					5
26/ 25																					1
20/ 19																					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 AA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 APR
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Pt.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
TOTAL	.4	3.9	4.4	8.1	12.6	14.7	12.3	12.4	10.2	8.5	7.2	3.1	2.2	.2								1103	1103
																						1103	1103

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.	3022547	54539	49.4	17.194	1103							
Dry Bulb	3237172	75360	68.5	7.440	1103			52.7	26.0	7.0		90
Wet Bulb	3567707	62563	56.7	4.161	1103			.2				90
Dew Point	2504539	52043	47.2	6.667	1103		2.0					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

13024 — TORON AB SPAIN — 58-69 — APR

STATION — STATION NAME — YEARS — 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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87													.1					1	1			
86/ 85													.1					1	1			
84/ 83										.1	.1		.1					3	3			
82/ 81											.1	.1	.1					3	3			
80/ 79								.1	.6	.1	.5	.1						15	15			
78/ 77							.1	.4	.6	.7	.3							22	22			
76/ 75						.1	.1	.5	.9	.5	.2	.2						26	26			
74/ 73						.6	.8	.8	.5	.6	.2	.1						39	39			
72/ 71					.6	.4	1.0	1.1	.6	.7	.2							51	51			
70/ 69				.2	.6	1.0	1.0	1.8	1.1	.6	.1							68	68			
68/ 67			.2	.9	1.7	2.8	1.1	1.2	.8	.1								95	95	2		
66/ 65			.6	1.4	2.9	2.4	1.4	.7	.6									108	108	5		
64/ 63		.4	.8	2.9	3.6	1.9	1.3	.4	.1									122	122	32		
62/ 61		.7	2.6	3.6	1.8	1.5	1.0	.2	.1									124	124	74		6
60/ 59	.2	1.1	4.4	3.2	2.6	.9	.5											140	140	117		27
58/ 57	.1	1.3	2.8	1.9	.9	.6	.3											85	85	180		50
56/ 55		1.9	2.1	1.5	1.3	.2												75	75	222		76
54/ 53		2.2	.6	.6	.2													40	40	171		150
52/ 51		.8	1.5	.5	.2													32	32	124		151
50/ 49		.7	.7	.3														19	19	72		164
48/ 47		.4	.1															5	5	52		107
46/ 45		.3																3	3	23		89
44/ 43																				3		79
42/ 41		.1																1	1			61
40/ 39		.2																2	2	3		48
38/ 37																						22
36/ 35																						25
34/ 33																						17
32/ 31																						6
30/ 29																						2
TOTAL	.3	10.1	16.6	16.9	16.3	12.3	8.6	7.1	5.9	3.4	1.6	.5	.4					1080	1080	1080	1080	1080

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	4467209	66769	61.8	17.734	1080
Dry Bulb	4363666	68232	63.2	7.003	1080
Wet Bulb	3303133	59549	55.1	4.275	1080
Dew Point	2593052	52510	48.6	6.088	1080

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			27.0	9.2	1.4		90
Wet Bulb			.2				90
Dew Point		.7					90

FORM 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

13024 | CRUZ AB SPAIN | 58-69 | APR

STATION | STATION NAME | YEARS | MONTH

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	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.2		.1									3	3		
70/ 69					.1	.1	.1	.2	.4									9	9		
68/ 67				.2	.2	.5	.2		.1									12	12		
66/ 65				.6	.7	.6	.2	.2	.1									27	27		
64/ 63		.1	1.3	1.7	1.3	.6	.5	.3	.1									63	63		
62/ 61		1.1	2.1	2.2	1.6	1.3	.6	.1	.1									98	98	6	
60/ 59		2.7	4.9	3.1	1.3	1.5	.2	.1										149	149	65	7
58/ 57	.3	5.6	7.3	2.0	1.5	1.3	.2											197	197	98	48
56/ 55	.1	5.4	6.6	2.6	1.1	.6												176	176	183	82
54/ 53		6.2	3.9	1.9	.7	.1												139	139	194	135
52/ 51		4.4	3.[illegible]	.6	.2													89	89	205	181
50/ 49		2.1	1.5	.5	.2													46	46	135	166
48/ 47		2.1	.7	.2														33	33	99	119
46/ 45		1.8	.5	.1														25	25	54	97
44/ 43		.5	.2															7	7	29	90
42/ 41		.6																7	7	12	73
40/ 39																				5	32
38/ 37																					25
36/ 35																					12
34/ 33																					6
32/ 31																					3
30/ 29																					1
28/ 27																					1
TOTAL	.4	32.7	31.9	15.8	8.9	6.6	2.0	.8	.8										1080		1080
																		1080		1080	

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.	6497158	82428	76.3	13.819	1080							
Dry Bulb	3473861	61011	56.5	5.025	1080			2.0				90
Wet Bulb	2968812	56646	52.3	4.160	1080							90
Dew Point	2588766	52592	48.7	3.413	1080		.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

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — MAY MONTH

PAGE 1 0000-0200 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 B.	TOTAL Wet B. & Dew P.	
78/ 77								.1	.1									2	2		
76/ 75							.3		.1									4	4		
74/ 73						.4	.1	.1	.1									8	8		
72/ 71					.2	.6	.3	.1	.1	.1	.2							17	17		
70/ 69				.2	.6	.3	.5	.2	.1									21	21		
68/ 67			.4	.4	.6	.6	1.1	.2										38	38		
66/ 65		.3	.6	2.4	1.5	.7	.6	.2	.1									72	72	1	
64/ 63		.5	3.6	3.0	1.4	1.0	.1	.2	.1									112	112	27	1
62/ 61		1.5	4.3	2.9	.8	.9	.2	.3										123	123	42	7
60/ 59	.4	6.0	4.9	3.1	1.0	.2	.3	.1										180	180	130	38
58/ 57	1.1	5.4	5.4	1.9	1.4	.4	.1											180	180	202	130
56/ 55	.4	6.0	3.3	2.2	1.0	.4	.1											151	151	208	165
54/ 53	.4	5.3	3.5	.9	.4	.4												122	122	176	156
52/ 51	.3	2.2	2.-	.5	.3													60	60	140	179
50/ 49		1.8	.4		.3													27	27	102	144
48/ 47	.1	.5	.3	.1														11	11	68	98
46/ 45	.1	.6	.1															9	9	26	90
44/ 43	.1																	1	1	13	46
42/ 41	.2																	2	2	5	31
40/ 39																					17
38/ 37																					13
36/ 35																					7
34/ 33																					9
32/ 31																					5
30/ 29																					4
TOTAL	2.8	30.0	28.8	17.5	9.3	5.8	3.6	1.3	.6	.1	.2								1140		1140
																		1140		1140	

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.	6908895	87181	76.5	14.569	1140							
Dry Bulb	3987843	67149	58.9	5.349	1140			7.3	1.1			93
Wet Bulb	3406939	62129	54.5	4.290	1140							93
Dew Point	2998349	58113	51.0	5.603	1140		.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

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
MAY — MONTH

PAGE 1 — 0300-0500 HRS 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
76/ 75								.1										1	1		
74/ 73								.1										1	1		
72/ 71						.4			.2									6	6		
70/ 69				.1	.4	.3	.2	.4	.2									17	17		
68/ 67			.2	.2	.7	.3	.3		.1									19	19		
66/ 65		.3	.5	.4	.4	.4	.3	.1										27	27		
64/ 63		.4	1.8	1.1	.7	.5	.1	.4										56	56	11	
62/ 61		1.4	2.5	1.8	.6	.4	.3	.1										79	79	24	7
60/ 59	.7	5.5	3.2	2.0	.9	.3	.1	.1										145	145	66	22
58/ 57	.6	6.9	4.8	1.6	.7	.4	.4											175	175	146	84
56/ 55	.7	7.6	4.4	1.2	.8	.4	.1											173	173	173	138
54/ 53	.5	6.1	3.9	.9	.7													138	138	187	143
52/ 51	.4	5.1	3.9	1.4	.2	.2												126	126	153	154
50/ 49	.1	3.9	2.5	1.2	.1													89	89	131	136
48/ 47	.2	2.4	.9	.5	.3													48	48	107	135
46/ 45		1.8	.2															23	23	81	98
44/ 43		.8																9	9	39	75
42/ 41	.2	.5																8	8	19	59
40/ 39																				3	38
38/ 37																					21
36/ 35																					14
34/ 33																					9
32/ 31																					6
28/ 27																					1
TOTAL	3.3	42.8	28.0	12.3	6.4	3.3	1.6	1.2	.4									1140		1140	1140

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
Ref. Hum.	7540195	91409	80.2	13.601	1140							
Dry Bulb	3608065	63833	56.0	5.448	1140			3.6	.2			93
Wet Bulb	3166847	59841	52.5	4.747	1140							93
Dew Point	2836323	56471	49.5	5.849	1140		.6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

13024 STATION — [illegible] AB SPAIN STATION NAME — 58-70 YEARS — MAY MONTH

 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
88/ 87													.1					1	1		
80/ 79									.1									1	1		
78/ 77								.1	.1		.1							3	3		
76/ 75							.3		.1	.1	.1							6	6		
74/ 73						.1	.2	.2	.1	.1		.1						8	8		
72/ 71					.7	.6	.5	.5	.2									29	29		
70/ 69			.1	.3	.9	.9	.9	.7	.4	.2								51	51		
68/ 67			.1	1.2	1.2	1.1	.6	.5	.2									57	57		
66/ 65			1.3	2.7	1.0	.9	.3	.5	.1									79	79	3	
64/ 63		.3	3.2	2.9	1.6	.9	.5	.3										113	113	29	1
62/ 61		2.3	3.2	2.3	1.6	.7	.1	.3										122	122	67	11
60/ 59	.3	3.3	3.8	3.1	1.5	.4	.3											148	148	141	44
58/ 57	.3	6.4	3.9	2.1	1.4	.3	.1											170	170	174	119
56/ 55	.9	5.1	3.3	1.3	.7	.3												134	134	199	154
54/ 53	.7	3.5	2.2	.9	.3	.1												91	91	188	142
52/ 51	.1	2.9	2.4	.5	.4													74	74	130	170
50/ 49	.1	2.3	1.2	.3	.2													47	47	112	153
48/ 47		.9	.2	.3														15	15	66	111
46/ 45		.6	.2	.1														10	10	30	89
44/ 43		.3																4	4	15	60
42/ 41	.1	.1																2	2	9	41
40/ 39																				2	30
38/ 37																					15
36/ 35																					15
34/ 33																					8
32/ 31																					1
26/ 25																					1
TOTAL	2.4	28.1	25.1	18.0	11.6	6.3	3.7	3.0	1.2	.3	.2	.1	.1						1165		1165
																		1165		1165	

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.	6743094	86704	74.4	15.790	1165							
Dry Bulb	4158011	69227	59.4	6.174	1165			12.5	1.5	.1		93
Wet Bulb	3486005	63503	54.5	4.569	1165							93
Dew Point	3019281	58929	50.6	5.750	1165		.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

13024 STATION | MURCIA AB SPAIN STATION NAME | 58-70 YEARS | MAY MONTH

 0900-1100 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1				.1	2	2			
90/ 89											.1		.3		.3			7	7			
88/ 87											.2	.2	.1	.4	.2			12	12			
86/ 85										.1	.2	.3	.3	.2		.1		13	13			
84/ 83									.2	.6	.5	.4	.7	.2	.1			31	31			
82/ 81								.3	.9	.7	.7	.6	.2	.1	.1			41	41			
80/ 79							.1	1.4	.9	1.1	1.2	.4			.1			61	61			
78/ 77						.3	.9	1.0	1.9	1.4	.9	.5	.2					82	82			
76/ 75						.7	1.8	2.1	2.2	.9	.5	.1	.1					99	99			
74/ 73					.3	1.8	2.0	1.7	1.0	.9	.2							92	92			
72/ 71				.2	1.1	1.4	2.7	1.5	1.3	.5	.2							105	105			
70/ 69				.7	2.1	2.6	1.9	1.4	.6	.2		.1						114	114	1		
68/ 67		.2	.3	1.7	2.0	1.4	1.3	1.1	.3	.1								98	98	25		
66/ 65		.3	.4	1.7	1.9	2.5	1.8	.2	.3									112	112	74	1	
64/ 63	.1	.4	2.0	2.1	2.0	1.3	.9	.2										105	105	132	8	
62/ 61	.1	.6	1.5	2.0	1.5	.7	.3	.3										82	82	215	23	
60/ 59	.1	1.4	1.7	1.7	.6	.6	.1											72	72	214	71	
58/ 57	.1	.7	1.1	.4	.5	.1												34	34	185	130	
56/ 55		.4	.3	.3														12	12	167	139	
54/ 53				.2														2	2	94	156	
52/ 51																				40	137	
50/ 49																				23	113	
48/ 47																				4	98	
46/ 45																					87	
44/ 43																					72	
42/ 41																					55	
40/ 39																					39	
38/ 37																					15	
36/ 35																					16	
34/ 33																					5	
32/ 31																					2	
30/ 29																					2	
26/ 25																					3	
24/ 23																					1	

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) MAY (MONTH)

PAGE 2 0900-1100 (HOURS G.M.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Po
22/ 21																			2
18/ 17																			1
TOTAL	.3	4.0	7.9	11.0	11.9	13.4	13.5	11.1	9.7	6.5	4.5	2.6	1.8	.9	.7	.1	.1	1176	1176
																		1176	1176

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.	3703138	62572	53.2	17.837	1176							
Dry Bulb	5844529	82437	70.1	7.479	1176			59.9	34.8	11.2		93
Wet Bulb	4109044	69352	59.0	4.038	1176			2.1				93
Dew Point	3063218	59512	50.6	6.626	1176		.9					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

13024 STATION | [illegible] AB SPAIN STATION NAME | 58-70 YEARS | MAY MONTH

 1200-1400 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	TOTAL W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
98/ 97																	.1	1	1		
96/ 95														.1	.3	.3	.3	11	11		
94/ 93														.3	.5	.4	.3	17	17		
92/ 91													.7	.3	.5	.9	.2	30	30		
90/ 89											.2	.8	.8	.9	.3	.2	.1	37	37		
88/ 87										.1	1.0	.8	1.2	.9	.3	.1	.1	52	52		
86/ 85									.4	1.3	1.3	2.0	1.0	.6	.2	.2		82	82		
84/ 83									1.0	1.6	2.4	1.4	1.3	.3	.1			94	94		
82/ 81							.1	1.2	1.3	1.9	1.8	1.5	.4					96	96		
80/ 79						.1	.3	.9	1.3	1.4	1.5	.8	.3					78	78		
78/ 77						.4	.1	1.4	1.5	1.4	1.4	1.1						86	86		
76/ 75						.8	.6	2.6	1.7	1.1	1.1	.4						98	98		
74/ 73						.5	1.6	1.5	1.2	.9	.6							75	75		
72/ 71				.2	.4	1.0	1.0	1.6	1.3	.9	.3							78	78		
70/ 69		.2	.2	.3	1.1	1.4	1.1	1.5	.7	.3								80	80	18	
68/ 67		.2	.3	.7	1.2	1.3	1.0	.4	.7									67	67	107	2
66/ 65	.1	.2	.4	.9	1.8	1.7	.8	.5	.2									77	77	121	4
64/ 63	.1	.3	.6	.9	.5	.9	.1	.3	.1									46	46	173	11
62/ 61	.1	.9	1.5	.9	.3	.3	.1											48	48	221	33
60/ 59		.5	.4		.2	.1												14	14	190	54
58/ 57		.3	.1	.2														7	7	149	89
56/ 55		.1	.1															2	2	119	127
54/ 53																				45	191
52/ 51																				29	129
50/ 49																				4	115
48/ 47																					112
46/ 45																					88
44/ 43																					67
42/ 41																					63
40/ 39																					56
38/ 37																					35
36/ 35																					32
34/ 33																					12
32/ 31																					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 AK 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — YEARS
MAY — MONTH

PAGE 2 — 1200-1400 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	Dew P.
30/ 29																						1
28/ 27																						4
26/ 25																						3
24/ 23																						1
TOTAL	.3	2.6	3.7	4.0	5.5	8.5	6.8	12.0	11.3	10.9	11.5	8.8	5.7	3.2	2.2	2.0	.9		1176		1176	1176
																			1176		1176	

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.	2517242	50104	42.6	18.043	1176							
Dry Bulb	6936420	89728	76.3	8.763	1176			77.7	59.9	35.9	2.3	93
Wet Bulb	4375139	71561	60.9	4.188	1176			9.9				93
Dew Point	2947245	58259	49.5	7.234	1176		1.1	.2				93

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

ATA PROCESSING DIVISION
SAF ETAC
IR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | [illegible]URIA AB SPAIN STATION NAME | 58-70 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
98/ 97																	.3	3	3						
96/ 95															.4	.3	.9	17	17						
94/ 93												.1	.1	.8	.7	.5	.4	30	30						
92/ 91											.2	.1	.9	.7	.5	.4	.1	33	33						
90/ 89											.1	1.2	1.8	1.5	.5	.7		66	66						
88/ 87										.4	1.1	.7	1.3	1.0	.8	.3		70	70						
86/ 85								.1	.4	.6	1.2	1.9	1.4	.7	.2	.2	.1	78	78						
84/ 83								.2	.6	1.5	2.2	1.6	1.3	.2				86	86						
82/ 81							.1	.1	.8	.7	2.3	1.4	1.2	.4				79	79						
80/ 79							.2	.2	.7	1.3	1.8	1.2	2.0	.7				93	93						
78/ 77					.1		.1	.3	1.1	1.5	1.1	1.9	.8					79	79						
76/ 75							.2	1.1	1.4	.9	1.1	1.9	.5					80	80						
74/ 73					.4		.7	1.2	1.9	.7	.4	.5	.4					72	72	1					
72/ 71			.1	.3	.4		.6	2.0	1.1	1.1	.6	.1						71	71	4					
70/ 69			.1	.3	.9	1.7	1.3	.6	1.0	.3	.1							70	70	32					
68/ 67		.1	.3	.7	1.3	1.2	1.1	.5	.3									62	62	88	1				
66/ 65	.1	.1	.3	.7	.8	.5	.8	.4	.2	.1								44	44	129	5				
64/ 63	.3	.5	.4	1.1	.6	1.0	.3											48	48	192	16				
62/ 61	.1	.8	.8	.5	.4													29	29	192	27				
60/ 59		.3	.4	.3		.3												14	14	188	61				
58/ 57	.1	.6	.1	.3														12	12	152	54				
56/ 55		.1																1	1	89	116				
54/ 53																				53	134				
52/ 51																				12	121				
50/ 49																				5	124				
48/ 47																					91				
46/ 45																					74				
44/ 43																					74				
42/ 41																					70				
40/ 39																					59				
38/ 37																					40				
36/ 35																					38				
34/ 33																					15				
32/ 31																					6				

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — MAY MONTH

PAGE 2 — 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
30/ 29																					1
24/ 23																					1
18/ 17																					1
16/ 15																					1
TOTAL	.5	2.5	2.5	4.1	4.8	6.5	8.3	8.9	8.6	10.3	12.0	10.6	8.4	4.8	3.1	2.4	1.8	1137	1137	1137	1137
																		1137	1137		

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.	2243274	45932	40.4	18.474	1137			80.9	64.3	42.1	4.1	93
Dry Bulb	6962465	88367	77.7	9.127	1137			10.2	.1			93
Wet Bulb	4277076	69572	61.2	4.198	1137							93
Dew Point	2799164	55764	49.0	7.519	1137		1.4	.1				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

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93													.1	.1	.1			3	3		
92/ 91											.1		.3		.1		.2	7	7		
90/ 89												.3	.4	.2	.2	.2		13	13		
88/ 87										.1	.4	.2	.7	.1	.6	.1		25	25		
86/ 85									.3	.4	.6	.5	.9	.2	.3			35	35		
84/ 83									.5	1.6	1.0	.8	.6	.3				54	54		
82/ 81						.1		.7	1.1	1.3	.9	.4	.5	.2		.1		60	60		
80/ 79						.1	.4	1.3	.8	1.2	1.1	.4	.2	.1				62	62		
78/ 77						.2	.9	1.2	2.7	.7	.8	.6	.2	.1				82	82		
76/ 75					.2	.5	1.9	2.0	1.2	.5	.7	.2	.1					81	81		
74/ 73				.1	.5	1.9	2.0	1.4	.5	.8	.4	.1						87	87		
72/ 71				.3	1.4	1.5	2.2	.6	1.0	.4	.2							84	84	2	
70/ 69			.2	1.1	2.2	2.2	1.6	.5	.6	.4								98	98	12	
68/ 67		.1	.5	1.6	2.8	1.7	1.0	.5	.3	.2								97	97	45	
66/ 65		.4	.8	2.2	2.2	1.3	.7	.4	.1									91	91	113	2
64/ 63		.4	1.7	1.6	1.6	1.1	.2	.3										77	77	149	10
62/ 61		.9	1.4	2.0	1.1	.3	.1	.3										67	67	197	40
60/ 59		1.3	1.1	1.2	.4	.1	.1											46	46	199	84
58/ 57	.2	1.0	1.0	.6	.2	.1												34	34	155	121
56/ 55		.2	.4	.1														8	8	125	151
54/ 53		.2	.1															3	3	73	151
52/ 51			.2															2	2	30	154
50/ 49																				14	98
48/ 47																				2	71
46/ 45																					65
44/ 43																					31
42/ 41																					36
40/ 39																					26
38/ 37																					23
36/ 35																					23
34/ 33																					13
32/ 31																					11
30/ 29																					3
28/ 25																					1

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

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | MAY MONTH

PAGE 2 | 1600-2000 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
20/ 19																					1
16/ 15																					1
TOTAL	.2	4.6	7.4	10.7	12.6	11.0	10.9	9.2	9.1	7.5	6.3	3.6	3.9	1.2	1.3	.4	.2	1116	1116	1116	1116

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.	3437474	58184	52.1	19,034	1116							
Dry Bulb	5837253	80169	71.8	8,376	1116			65.7	42.4	18.7	.3	93
Wet Bulb	4032469	66919	60.0	4,212	1116			4.9				93
Dew Point	2989555	57227	51.3	7,085	1116		1.4					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

13024 STATION | MURON AB SPAIN STATION NAME | 58-69 YEARS | MAY MONTH

PAGE 1 | 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
84/ 83											.1							1	1		
82/ 81									.1	.2			.1					4	4		
80/ 79								.3	.2	.1								6	6		
78/ 77							.4	.4	.2	.2			.2					15	15		
76/ 75							.4	.6	.6	.1	.1	.1	.1					23	23		
74/ 73				.1		.7	.7	.9	.4			.1						32	32		
72/ 71				.1	.9	1.5	1.0	.7	.6	.2	.1	.2						59	59		
70/ 69			.1	1.2	1.9	1.5	1.5	.6	.3	.2	.2							83	83		
68/ 67			.6	2.4	2.9	1.9	1.1	.3	.3									105	105	1	
66/ 65		1.6	3.2	3.0	1.1	.4	.6											110	110	15	1
64/ 63	.4	4.3	3.5	1.3	.9	.7	.2	.2										128	128	66	3
62/ 61	2.2	3.9	3.1	2.1	.6	.4	.1											137	137	130	12
60/ 59	5.0	4.9	2.5	1.1	.5	.4												161	163	198	80
58/ 57	.6 3.3	3.2	1.8	.6	.4	.1												113	113	228	171
56/ 55	3.5	3.1	.7	.3														83	83	162	166
54/ 53	1.3	1.2	.4		.1													33	33	153	166
52/ 51	.5	.4	.1															12	12	90	150
50/ 49	.2	.3																5	5	43	120
48/ 47	.2																	2	2	21	89
46/ 45																				4	48
44/ 43	.1																	1	1	2	26
42/ 41																					25
40/ 39																					19
38/ 37																					16
36/ 35																					4
34/ 33																					4
32/ 31																					4
30/ 29																					5
28/ 27																					3
24/ 23																					1
TOTAL	.6 16.7	23.5	19.1	14.0	9.3	7.1	4.8	2.8	.9	.4	.4	.4						1113	1115	1113	1113

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.	5624882	76936	69.1	16.607	1113			27.4	6.8	.8		93
Dry Bulb	4505206	70554	63.3	8.048	1115							93
Wet Bulb	3622526	63340	56.9	4.011	1113			.1				93
Dew Point	3053676	57936	52.1	5.836	1113		1.1					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

13024 — "TORO" AR SPAIN — 58-69 — JUN

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0000-0200 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	Dew Point
82/ 81									.1									1	1		
80/ 79								.1	.1									2	2		
78/ 77						.1	.1		.2	.1	.1							6	6		
76/ 75				.1	.2	.2	.9	.5	.4	.1	.1							26	26		
74/ 73				.5	1.4	1.4	.9	.8		.1	.1							56	56		
72/ 71			.1	1.3	1.5	1.6	1.5	.7										72	72		
70/ 69			.5	1.9	2.6	.9	1.2	.3										80	80	3	
68/ 67		.3	2.8	3.3	2.5	2.0	.6	.2	.2									128	128	14	2
66/ 65		1.7	4.4	3.3	3.3	.9	.1	.1		.1								151	151	52	6
64/ 63		1.7	4.4	4.7	1.4	.9												142	142	123	30
62/ 61		3.2	4.0	3.4	.8	.5												136	136	165	89
60/ 59	.1	5.6	3.7	2.0	.7													132	132	218	123
58/ 57	.1	3.8	3.2	.6	.2													86	86	225	173
56/ 55		3.2	.4	.6														45	45	155	176
54/ 53		.9	.3	.1														14	14	86	187
52/ 51		.1	.1															2	2	28	144
50/ 49			.1															1	1	11	66
48/ 47																				2	30
46/ 45																					22
44/ 43																					12
42/ 41																					3
40/ 39																					1
38/ 37																					1
36/ 35																					2
34/ 33																					1
TOTAL	.2	20.6	24.0	21.9	14.6	8.5	5.3	2.7	.9	.4	.3								1080		1080
																		1080		1080	

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.	5995275	79031	73.2	14.018	1080							
Dry Bulb	4514972	69590	64.4	5.353	1080			30.9	7.6	.2		90
Wet Bulb	3763196	63628	58.9	3.674	1080			1.4				90
Dew Point	3301673	59503	55.1	4.650	1080		.1	.2				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-69 — YEARS
JUN — 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
80/ 79											.3							3	3		
76/ 75							.3	.1	.1									5	5		
74/ 73				.1	.4	.2	.5	.1	.1	.1								15	15		
72/ 71			.1	.5	.4	.3	.6	.5										24	24		
70/ 69		.2	.4	1.3	1.6	.9	.6	.1		.1								55	55		
68/ 67		.3	2.1	3.1	1.7	1.2	.6		.1									98	98	5	
66/ 65		1.4	4.0	2.0	1.7	1.5	.3	.2		.1								120	120	25	4
64/ 63	.4	2.0	4.5	4.4	1.5	.7	.3	.1										151	151	69	30
62/ 61	.1	3.1	4.4	3.1	1.6	.3												136	136	143	54
60/ 59	.1	5.7	5.5	2.0	.9	.1												155	155	149	105
58/ 57	.4	6.0	3.4	1.6	.3													126	126	223	164
56/ 55	.4	6.5	2.1	1.1														109	109	190	143
54/ 53	.2	3.1	1.2	.3														51	51	146	205
52/ 51		1.1	.6	.1														20	20	80	147
50/ 49	.2	.6	.1															9	9	34	87
48/ 47		.2																2	2	13	70
46/ 45		.1																1	1	2	44
44/ 43																				1	11
42/ 41																					6
40/ 39																					4
38/ 37																					3
36/ 35																					2
34/ 33																					1
TOTAL	1.7	30.3	28.5	19.6	9.9	5.2	3.0	1.0	.3	.3	.3							1080	1080	1080	1080

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.	6666228	83634	77.4	13.259	1080							
Dry Bulb	4126474	66520	61.6	5.214	1080			16.7	1.9	.2		90
Wet Bulb	3551876	61786	57.2	3.986	1080			.4				90
Dew Point	3177854	58350	54.0	4.845	1080		.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

13024 — STATION
TORREJON AB SPAIN — STATION NAME
58-70 — YEARS
JUN — MONTH

 0600-0800 HOURS (EST)

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												.1						1	1		
86/ 85											.1							1	1		
84/ 83										.1	.1							2	2		
82/ 81								.1	.2	.4	.3	.1						12	12		
80/ 79							.1	.2	.4	.3								10	10		
78/ 77						.2	.4	.5	.3	.3	.1							19	19		
76/ 75					.3	.9	.6	1.2	.7	.2	.1	.1						45	45		
74/ 73				.2	.6	1.2	1.4	.7	.4	.1								53	53		
72/ 71				.9	1.7	1.8	1.2	.8	.1	.1								73	73		
70/ 69			.6	2.1	3.4	2.2	1.2	.6										117	117	1	
68/ 67		.2	2.6	4.1	2.4	1.5	.8	.1										131	131	13	
66/ 65	.1	.3	4.4	5.2	2.2	1.1	.8											164	164	65	1
64/ 63	.2	1.9	3.8	3.5	1.3	1.0	.2											133	133	147	41
62/ 61	.2	2.8	3.6	2.6	.8	.3												115	115	225	87
60/ 59		4.2	3.6	1.5	.8													113	113	210	127
58/ 57	.4	2.2	1.9	1.0	.1													62	62	206	191
56/ 55	.2	2.6	1.2	.1														46	46	123	203
54/ 53	.1	.7	.5	.1														16	16	86	151
52/ 51	.1	.4	.3															9	9	35	133
50/ 49		.1	.1															2	2	9	77
48/ 47																				4	69
46/ 45																					28
44/ 43																					9
42/ 41																					3
40/ 39																					1
38/ 37																					1
34/ 33																					2
TOTAL	1.2	15.8	22.8	21.3	13.6	10.1	6.7	4.2	2.0	1.4	.6	.3							1124		1124
																		1124		1124	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5870431	79379	70.6	15.548	1124							
Dry Bulb	4863509	73621	65.5	6.071	1124			37.2	11.5	1.6		90
Wet Bulb	3961096	66592	59.2	3.752	1124			1.1				60
Dew Point	3419102	61772	55.0	4.649	1124							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
NORON AB SPAIN — STATION NAME
58-70 — YEARS
JUN — MONTH

 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.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101																	.1	1	1		
100/ 99																	.3	4	4		
98/ 97																.1	.1	2	2		
96/ 95														.1	.2	.2	.2	7	7		
94/ 93													.2			.3		5	5		
92/ 91												.1	.2	.5	.2			11	11		
90/ 89									.1		.5	.5	.7	.3	.2			27	27		
88/ 87										.3	1.0	1.0	1.2	.2				42	42		
86/ 85							.1	.1	.3	1.4	.8	1.3	.4					51	51		
84/ 83								.1	1.2	1.8	1.2	.8						59	59		
82/ 81								1.6	2.6	1.9	1.6	.3						92	92		
80/ 79							1.1	1.7	2.3	1.6	1.0	.1						89	89		
78/ 77					.1	1.0	1.7	3.5	2.4	1.3	.3							117	117		
76/ 75					.5	2.1	3.3	3.0	1.2	.4	.2							123	123		
74/ 73				.1	1.8	1.8	3.3	2.0	.8	.2								115	115	2	
72/ 71				.9	2.4	2.4	2.2	.4	.2									96	96	3	
70/ 69			.8	1.4	2.3	2.6	1.0	.2	.3									98	98	33	1
68/ 67		.1	1.7	1.2	2.6	1.9	.2	.1										89	89	124	1
66/ 65		.2	.7	1.5	1.6	.3	.1	.1										50	50	223	5
64/ 63		.4	1.0	1.1	.4	.1	.1											36	36	254	32
62/ 61		.3	.8	.5	.2													20	20	227	105
60/ 59	.2	.3	.1	.1	.1													8	8	176	117
58/ 57		.3																3	3	79	178
56/ 55		.1																1	1	16	190
54/ 53																				9	171
52/ 51																					109
50/ 49																					89
48/ 47																					67
46/ 45																					47
44/ 43																					21
42/ 41																					10
40/ 39																					2
38/ 37																					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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
JUN — MONTH

PAGE 2 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	.2	1.6	5.[illegible]	6.8	12.0	12.1	13.2	12.7	11.3	8.9	6.5	4.2	2.7	1.1	.5	.5	.7	1146	1146	1146
																		1146	1146	

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.	3232671	58037	50.6	16.010	1146							
Dry Bulb	6636946	86784	75.7	7.533	1146			80.7	58.5	28.4	1.5	90
Wet Bulb	4549644	72110	62.9	3.271	1146			12.7	.2			90
Dew Point	3449530	62616	54.6	4.969	1146			.2				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.1	1	1		
106/105																	.3	3	3		
104/103																	.7	8	8		
102/101																	.6	9	9		
100/ 99															.2	.7	.6	17	17		
98/ 97														.3	.3	.9		16	16		
96/ 95											.1		.2	1.2	.8	.3		30	30		
94/ 93										.1	.1		.5	1.3	1.3	.5	.1	45	45		
92/ 91									.1		.3	1.0	2.2	1.9	1.4	.1		80	80		
90/ 89									.1	.1	1.1	1.7	2.0	1.0	.2	.1		72	72		
88/ 87									.3	.3	2.4	2.2	1.8	1.0	.1			92	92		
86/ 85								.1	.8	2.0	2.6	2.2	2.0	.2				113	113		
84/ 83								.4	1.6	3.5	2.4	1.0	.3					105	105		
82/ 81							.3	1.5	3.0	2.3	1.6	.8	.2	.1				110	110		
80/ 79						.1	1.0	2.4	2.0	.6	.7	.3	.2					83	83		
78/ 77						.4	.7	1.8	1.1	1.9	.2							64	64		
76/ 75				.1	.1	.5	1.7	2.2	1.1	.3	.2							71	71	4	
74/ 73				.1	.1	1.0	1.9	1.5	.5	.3								61	61	2	
72/ 71			.1	.5	1.0	1.2	1.8	.5	.1									60	60	27	
70/ 69		.1		.4	.7	1.9	.5	.2	.1									45	45	117	2
68/ 67			.3	.5	.8	.8	.3		.2									33	33	212	3
66/ 65		.1	.3	.6	.1	.1												13	13	266	8
64/ 63		.1	.1	.2														4	4	199	18
62/ 61		.3		.1														5	5	155	57
60/ 59		.3																4	4	114	90
58/ 57		.1	.1															2	2	37	151
56/ 55																				10	184
54/ 53																				1	155
52/ 51																				2	145
50/ 49																					123
48/ 47																					72
46/ 45																					65
44/ 43																					40
42/ 41																					18

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION — TORREJON AB SPAIN — STATION NAME — 58-70 — YEARS — JUN — MONTH

PAGE 2 — 1200-1400 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew P.
40/ 39																						5
38/ 37																						5
36/ 35																						4
34/ 33																						2
TOTAL		1.0	.8	2.5	2.7	6.0	8.3	10.6	10.9	10.7	11.7	9.2	9.3	6.9	4.2	2.6	2.5		1146		1146	
																		1146		1146		

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.	2001638	44842	39,1	14,687	1146			87.8	77.0	58.8	10.1	90
Dry Bulb	7869545	94547	82,5	8,628	1146			28.4	.5			90
Wet Bulb	4799670	74054	64,6	3,538	1146			.4				90
Dew Point	3281468	61000	53,2	5,491	1146							

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

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — JUN MONTH

 1500-1700 HRS 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
108/107																	.3	3	3		
106/105																	.5	5	5		
104/103																	.9	10	10		
102/101																	1.1	12	12		
100/ 99															.3	.8	.3	15	15		
98/ 97										.1		.2	.3	1.1	1.0	.2	31	31			
96/ 95										.1	.1	.7	.8	2.5	1.4	.4	66	66			
94/ 93										.1	.2	.8	2.5	2.1	.5		68	68			
92/ 91								.1		.3	.3	1.3	1.7	2.3	.8	.1	75	75			
90/ 89									.1	.5	.9	1.7	.8	2.0	.6		74	74			
88/ 87									.3	.9	1.9	1.6	1.9	1.4	.4		93	93			
86/ 85							.1	.3	1.2	2.2	1.8	1.9	1.5	.4			103	103			
84/ 83								1.2	1.9	2.4	1.6	1.5	1.0				107	107			
82/ 81						.2		1.6	2.8	1.3	1.1	.5					83	83			
80/ 79						.2	.4	1.5	1.4	1.3	.6	.3	.5				67	67			
78/ 77						.1	1.1	2.3	1.7	1.3	.8						74	74	2		
76/ 75				.1	.1	.8	1.6	1.4	.5	.2	.1						53	53	7		
74/ 73					.2	.5	1.6	.8	.2								37	37	12		
72/ 71				.3	.5	1.1	1.3	1.0	.2	.2							50	50	51	1	
70/ 69			.2	.2	1.1	.9	.9	.2		.1							39	39	141	1	
68/ 67		.1	.1	.5	.4	.5											17	17	219	5	
66/ 65		.1	.3	.3	.2												9	9	216	15	
64/ 63		.1	.2	.2													5	5	177	31	
62/ 61		.3	.3	.1													7	7	154	49	
60/ 59		.2															2	2	89	98	
58/ 57																			34	129	
56/ 55																			7	150	
54/ 53																				141	
52/ 51																			1	133	
50/ 49																				98	
48/ 47																				93	
46/ 45																				55	
44/ 43																				52	
42/ 41																				30	

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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | JAN MONTH

PAGE 2 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39																					12
38/ 37																					4
36/ 35																					2
34/ 33																					4
32/ 31																					1
TOTAL		.7	1.[illegible]	1.6	2.4	4.3	7.0	10.4	10.1	10.6	8.9	9.1	9.1	9.7	7.8	3.7	3.5	1105	1105	1105	1105

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.	1747242	40850	37.0	14.654	1105							
Dry Bulb	7927211	93077	84.2	8.882	1105			88.1	79.5	64.4	17.1	90
Wet Bulb	4705241	71989	65.1	3.719	1105			34.8	1.3			90
Dew Point	3146368	58590	53.0	6.002	1105		.1	.6				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-69 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HRS G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
104/103																	.1	1	1		
102/101															.1		.1	2	2		
100/ 99															.3	.1	.2	6	6		
98/ 97															.2	.6	.2	11	11		
96/ 95											.1	.1	.2	.5	.8	.3		21	21		
94/ 93										.1		.2	.8	1.2	.6		.1	32	32		
92/ 91								.1			.2	1.0	.9	.6	.4			34	34		
90/ 89								.1		.3	.3	.5	1.2	.4	.3	.1		33	33		
88/ 87								.2	.2	.5	1.1	1.7	1.0	.9	.2			62	62		
86/ 85								.1	.6	1.5	1.8	1.3	1.0	.1				69	69		
84/ 83					.1		.4	.9	1.0	2.0	1.1	1.1	.3					75	75		
82/ 81						.2	1.0	.9	2.6	1.9	1.1	.6	.2					93	93		
80/ 79						.5	1.0	2.4	1.9	1.2	.7	.4						88	88		
78/ 77					.2	1.2	2.1	2.6	.9	.6	.1	.1						85	85	1	
76/ 75				.1	.8	1.3	2.8	1.9	1.2	.2	.1							90	90	4	
74/ 73			.1	.2	.9	2.2	2.6	1.3	.6									86	86	5	
72/ 71				.6	1.4	2.1	1.7	.6	.3									73	73	29	2
70/ 69			.1	.9	2.1	2.3	.7	.5										72	72	90	2
68/ 67		.1	.2	1.0	2.2	.8	.5											52	52	154	5
66/ 65		.1	.5	1.1	1.7	.5												41	41	204	23
64/ 63	.1	.2	1.0	1.3	.4	.3												35	35	195	55
62/ 61	.1	.4	.4	.3														12	12	178	60
60/ 59	.1	.3	.2															6	6	134	112
58/ 57		.1																1	1	68	156
56/ 55																				16	184
54/ 53																				1	141
52/ 51																					128
50/ 49																					78
48/ 47																					52
46/ 45																					36
44/ 43																					17
42/ 41																					13
40/ 39																					11
38/ 37																					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
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

13024 MORON AB SPAIN 58-69 JUN
STATION STATION NAME YEARS MONTH

 1800-2000
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	Dew Point
36/ 35																				2
TOTAL	.3	1.1	2.4	5.6	9.8	11.4	12.8	11.6	9.4	8.3	6.6	6.9	5.6	3.6	2.8	1.1	.6	1080			1080
																		1080		1080	

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.	2689738	50928	47.2	16.343	1080			82.1	65.7	40.7	6.1	90
Dry Bulb	6723935	84693	78.4	8.719	1080			23.7	.9			90
Wet Bulb	4431138	69096	63.9	9.808	1080			.8				90
Dew Point	3274154	59162	54.8	8.853	1080							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

13024 STATION | TORDS AB SPAIN STATION NAME | 58-69 YEARS | JUN MONTH

 2100-2300 HRS 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	Dew Point
96/ 85										.2	.3		.2					7	7		
84/ 83								.1		.2	.3	.1	.2					9	9		
82/ 81							.1	.2	.7	.8		.3						23	23		
80/ 79						.2	1.2	.6	.6	1.1	.2	.1						43	43		
78/ 77					.1	.7	.5	1.9	1.5	.2								53	53		
76/ 75				.2	.9	1.3	2.3	1.4	.7	.2	.1							77	77		
74/ 73				.6	2.1	1.7	1.5	1.7	.3	.1								86	86		
72/ 71		.1	.6	1.3	2.3	2.9	1.5	.6	.2									102	102	1	
70/ 69			.9	3.1	3.4	3.0	1.8	.3	.2									136	136	10	
68/ 67		.2	2.3	3.4	5.6	1.8	.6		.1									150	150	63	4
66/ 65		.3	2.4	2.7	2.5	1.1	.3	.1										101	101	110	15
64/ 63		.4	3.0	4.3	1.0	.3												96	96	175	55
62/ 61	.2	1.8	4.4	1.7	.3	.3												92	92	206	94
60/ 59		2.0	3.4	1.1	.2													73	73	217	113
58/ 57		1.7	.7	.1														27	27	179	173
56/ 55		.5																5	5	95	224
54/ 53																				18	169
52/ 51																				6	105
50/ 49																					69
48/ 47																					27
46/ 45																					16
44/ 43																					6
42/ 41																					5
40/ 39																					3
38/ 37																					1
36/ 35																					1
TOTAL	.2	6.9	17.7	18.4	18.4	13.1	9.6	6.9	4.3	2.8	.8	.5	.4					1080	1080	1080	1080

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.	4787298	70080	64.9	14.910	1080			57.2	24.8	5.3		90
Dry Bulb	5157002	74324	68.8	6.249	1080			6.2				90
Wet Bulb	4018195	65763	60.9	3.573	1080			.3				90
Dew Point	3372901	60151	55.7	4.393	1080							

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

13024 — ROTA AB SPAIN — 58-69 — JUL

STATION — STATION NAME — YEARS — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
92/ 91															.1			1	1		
90/ 89														.1				1	1		
86/ 85										.1			.1					2	2		
84/ 83									.1									1	1		
82/ 81								.2	.3	.1								6	6		
80/ 79						.2	.3	.4	.4	.2								16	16		
78/ 77						.6	.7	.4	.4	.1	.1							27	27		
76/ 75				.6	.9	1.5	2.2	2.1	.6	.4	.1							94	94		
74/ 73	.1	.3	.1	2.3	2.2	2.4	1.8	.7	.7	.4								123	123	3	1
72/ 71	.2		2.3	3.2	3.4	3.3	2.5	.9	.4									177	177	6	5
70/ 69	.2	.3	3.5	3.2	3.9	3.0	1.7	.2	.4									184	184	22	2
68/ 67		1.1	3.1	3.9	3.6	2.6	1.0	.8										179	179	103	16
66/ 65		1.4	3.8	2.7	2.5	2.1	.4	.4										147	147	147	71
64/ 63		1.0	3.4	2.2	1.3	.5	.3											97	97	197	100
62/ 61		.6	1.8	.8	.4	.5												46	46	228	108
60/ 59		.3	.1	.2	.1	.2												9	9	191	151
58/ 57		.1	.1	.1														3	3	118	138
56/ 55			.2	.1														3	3	68	169
54/ 53																				16	109
52/ 51																				16	89
50/ 49																				1	61
48/ 47																					39
46/ 45																					21
44/ 43																					19
42/ 41																					12
40/ 39																					11
TOTAL	.4	5.0	18.0	19.4	18.3	17.0	10.8	6.1	3.3	1.3	.2		.1	.1	.1				1116		1116
																	1116		1116		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5035300	73200	65.6	14.487	1116
Dry Bulb	5401393	77473	69.4	4.561	1116
Wet Bulb	4276938	68952	61.8	3.875	1116
Dew Point	3627401	63285	56.7	5.891	1116

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			67.6	22.6	1.3		93
Dry Bulb			11.2	.3			93
Wet Bulb			2.0	.1			93
Dew Point							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

PSYCHROMETRIC SUMMARY

13024 STATION | MURON AB SPAIN STATION NAME | 58-69 YEARS | JUL 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	TOTAL W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85													.1					1		1		
84/ 83													.1					1		1		
82/ 81									.1									1		1		
80/ 79								.1	.1									2		2		
78/ 77					.1	.2	.1	.3		.1								8		8		
76/ 75					.2	.4	.5	.3			.1							17		17		
74/ 73			.1	.4	.4	1.3	.6	.2		.1	.2							37		37		
72/ 71		.1	.9	2.5	1.4	1.9	1.0	.8	.2									98		98		
70/ 69	.1	.6	3.9	3.0	3.2	2.2	1.5	.8	.3									173		173	6	2
68/ 67	.1	1.0	2.8	2.6	3.6	2.9	.4	.4										153		153	45	5
66/ 65	.4	1.3	4.2	3.9	4.2	.6	.7	.2										172		172	111	54
64/ 63		2.8	4.9	4.2	2.2	1.2	.5											177		177	118	71
62/ 61		2.0	3.8	3.3	1.2	.6	.6											128		128	191	82
60/ 59	.1	2.1	1.6	2.4	1.1	.3	.1											85		85	207	125
58/ 57		.8	1.3	.9	.8	.4												46		46	195	158
56/ 55		.2	.4	.6	.2													15		15	113	160
54/ 53				.1														1		1	70	133
52/ 51			.1															1		1	33	120
50/ 49																					21	56
48/ 47																					6	54
46/ 45																						33
44/ 43																						28
42/ 41																						14
40/ 39																						12
38/ 37																						9
36/ 35																						2
TOTAL	.6	10.8	23.8	23.9	18.5	11.9	6.1	3.0	.6	.2	.3		.2						1116		1116	
																		1116		1116		

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.	5725473	78423	70,3	13,872	1116							
Dry Bulb	4856081	73437	65,8	4,605	1116			40.9	5.6	.3		93
Wet Bulb	3989465	66559	59,6	4,218	1116			4.3				93
Dew Point	3453725	61719	55,3	6,021	1116			.7				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION — MORON AB SPAIN — STATION NAME — 58-70 — YEARS — JUL — MONTH

 0600-0800 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew F
94/ 93															.1			1	1		
86/ 85								.1			.2	.1	.1					5	5		
84/ 83								.2	.2	.3	.3	.1						11	11		
82/ 81							.1	.4	.4	.7	.1							20	20		
80/ 79					.2	.4	.8	.8	1.1	.2	.2	.1						42	42		
78/ 77				.1	.4	.7	1.1	1.0	1.0	.2	.3							53	53		
76/ 75				.2	1.6	1.1	2.3	1.8	.3	.2								84	84		
74/ 73			.2	1.8	1.8	1.8	2.3	1.5	.5	.3								114	114		
72/ 71		.1	1.5	2.4	2.5	3.3	2.1	.5	.3	.1								144	144	4	
70/ 69		.4	2.5	3.6	2.9	3.2	1.7	.4	.4									172	172	33	2
68/ 67	.1	.5	3.0	3.1	3.2	1.6	.4	.4										140	140	91	16
66/ 65	.1	.5	2.8	2.8	2.2	.7	1.1	.1										117	117	157	51
64/ 63		.7	3.3	2.6	1.1	.9	.4	.1										103	103	184	99
62/ 61	.1	1.1	1.7	1.2	.7	.4	.2											61	61	225	115
60/ 59	.1	.4	1.6	1.1	.6													36	36	178	110
58/ 57		.4	.5	.7	.3	.3												25	25	123	156
56/ 55		.2	.2	.2	.3													9	9	67	163
54/ 53			.1															1	1	48	140
52/ 51																				16	107
50/ 49																				7	65
48/ 47																				5	42
46/ 45																					29
44/ 43																					21
42/ 41																					13
40/ 39																					6
38/ 37																					6
TOTAL	.4	4.4	16.8	19.7	17.5	14.1	12.4	7.4	4.1	1.8	1.0	.3	.1		.1			1138		1138	
																		1138		1138	

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.	4938258	73008	64.2	14.959	1138							
Dry Bulb	3528414	79040	69.5	5.832	1138			64.2	27.0	4.1	.1	93
Wet Bulb	4309297	69861	61.4	4.254	1138			10.5				93
Dew Point	3609865	63745	56.0	5.871	1138			1.5				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

13024 — MORON AB SPAIN — 58-70 — JUL

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101																	.1	1	1		
100/ 99																	.3	3	3		
98/ 97															.1	.4	.2	8	8		
96/ 95													.1	.3	.4	.2	.1	12	12		
94/ 93												.3	.2	.6	.2	.1		15	15		
92/ 91											.3	.8	.6	.8	.3	.1		34	34		
90/ 89									.1	.3	1.4	1.9	1.9	.8	.3	.1		86	86		
88/ 87							.1	.3	.7	1.2	1.4	2.5	1.2	.3				91	91		
86/ 85							.1	.7	1.9	2.7	2.8	1.8	.8	.2	.1			129	129		
84/ 83						.1	.7	1.8	2.2	3.4	3.3	.8	.2					146	146		
82/ 81						.3	1.7	3.5	2.4	3.0	1.1	.5	.1					147	147		
80/ 79					.2	1.9	1.9	3.5	2.6	1.4	.4	.1	.1					144	144		
78/ 77					.8	1.6	1.9	2.1	2.3	.3	.3	.1						112	112		
76/ 75				.2	1.5	1.7	1.9	1.3	1.0	.2	.1							93	93	1	
74/ 73			.1	.3	1.8	1.4	1.4	.9	.2									72	72	13	
72/ 71			.4	.5	1.1	1.5	.3	.1	.3	.1								51	51	55	
70/ 69			.2	.3	.8	.2	.3	.1	.1									22	22	184	2
68/ 67			.1	.3	.2	.3	.1	.1										12	12	243	11
66/ 65	.1						.2											3	3	296	75
64/ 63	.1																	1	1	216	103
62/ 61																				117	112
60/ 59																				34	138
58/ 57																				12	144
56/ 55																				8	154
54/ 53																				3	133
52/ 51																					130
50/ 49																					69
48/ 47																					37
46/ 45																					32
44/ 43																					21
42/ 41																					13
40/ 39																					2
38/ 37																					2
36/ 35																					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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 JUL
STATION STATION NAME YEARS MONTH

PAGE 2 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.
34/ 33																				1
32/ 31																				2
TOTAL		.2	.8	1.6	6.4	8.9	10.6	14.2	13.6	13.1	11.2	8.7	5.0	3.0	1.3	.8	.6	1182		1182
																		1182	1182	

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.	2498676	51944	43.9	13.522	1182			92.7	86.0	60.3	3.1	93
Dry Bulb	7909043	96415	81.6	6.140	1182			39.0	1.1			93
Wet Bulb	5132508	77794	65.8	5.247	1182							
Dew Point	3775029	66433	56.2	5.909	1182		.2	1.0				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — MORON AB SPAIN — 58-70 — JUL

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1200-1400 (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.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet Bulb	TOTAL Dew Point
112/111																	.2	2	2	2		
110/109																	.1	1	1	1		
108/107																	.3	3	3	3		
106/105																	.4	5	5	5		
104/103															.1		.8	11	11	11		
102/101															.2	.6	.7	17	17	17		
100/ 99														.4	.4	1.1	1.2	37	37	37		
98/ 97												.2	.8	.9	1.5	1.4	1.0	68	68	68		
96/ 95											.1	.5	1.6	3.3	2.0	1.2	.7	111	111	111		
94/ 93										.1	.8	1.8	3.2	3.3	3.0	.6	.3	153	153	153		
92/ 91									.1	1.1	1.3	2.5	3.6	2.3	1.5	.4	.3	153	153	153		
90/ 89								.1	.3	1.5	2.7	3.6	2.8	1.9	1.1	.1		167	167	167		
88/ 87								.3	.8	1.7	2.1	2.5	1.9	.8	.2			120	120	120		
86/ 85								.5	1.4	1.9	1.9	1.4	1.0	.2	.1			100	100	100		
84/ 83							.3	.7	1.2	2.1	1.9	.7	.3					85	85	85		
82/ 81						.1	.5	1.4	.9	.9	.9	.2	.1					60	60	60		
80/ 79						.3	.6	.6	.9	.8	.1	.1						40	40	40		
78/ 77				.1		.1	.2	.8	.8	.4								28	28	28		
76/ 75					.1	.1	.3	.5		.2	.1							14	14	14	13	
74/ 73				.1	.1	.2			.1	.2								7	7	7	61	
72/ 71																					153	
70/ 69																					258	2
68/ 67																					257	15
66/ 65																					219	31
64/ 63																					144	68
62/ 61																					53	88
60/ 59																					15	117
58/ 57																					8	110
56/ 55																					1	141
54/ 53																						148
52/ 51																						125
50/ 49																						101
48/ 47																						82
46/ 45																						59

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

13024 MORON AB SPAIN 58-70

STATION STATION NAME YEARS

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.	TOTAL wet B.	TOTAL Dew P.
44/ 43																					41
42/ 41																					20
40/ 39																					14
38/ 37																					4
34/ 33																					0
32/ 31																					1
28/ 27																					1
TOTAL			.2	.2	.7	1.8	4.9	8.4	11.0	11.9	13.4	15.3	13.0	10.1	5.3	5.8		1182		1182	
																		1182		1182	

			No. Obs.	Mean No. of Hours with Temperature						
				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
14010	31.2	9.992	1182			93.0	93.0	88.0	32.1	93
[illegible]	80.8	6.120	1182			58.4	5.8			93
[illegible]	67.6	8.344	1182							
[illegible]	90.0	6.521	1182		.2	1.3				93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | JUL MONTH

 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
112/111																	.2	2	2		
110/109																	.6	7	7		
108/107																	.4	4	4		
106/105																	1.0	11	11		
104/103															.1	.4	.8	14	14		
102/101														.1	.3	.9	2.2	39	39		
100/ 99													.1	.7	1.1	2.1	1.9	68	68		
98/ 97												.1	.7	2.1	3.2	2.8	2.1	126	126		
96/ 95									.1	.1	.3	.8	2.2	3.0	3.6	2.4	.9	151	151		
94/ 93										.8	.8	1.5	2.6	4.0	2.4	1.8	.3	161	161		
92/ 91									.7	.4	.6	2.5	3.5	2.4	1.7	.8	.2	145	145		
90/ 89									.4	.4	1.8	1.9	2.5	1.8	.7	.4	.1	113	113		
88/ 87								.3	.8	.9	1.3	1.4	1.5	1.2	.3			87	87		
86/ 85							.1	.8	1.1	1.6	1.1	.9	.6	.1	.2			73	73		
84/ 83							.3	.4	.9	1.3	1.2	.3						50	50		
82/ 81						.1		.4	.8	.9	.6	.3						35	35		
80/ 79						.4		.5	1.3	.4	.2	.2						34	34	1	
78/ 77					.2		.2	.5	.1		.2							13	13	2	
76/ 75				.1		.1		.2										4	4	31	
74/ 73					.1													1	1	73	
72/ 71																				154	1
70/ 69																				266	6
68/ 67			.1															1	1	236	27
66/ 65																				184	36
64/ 63																				129	29
62/ 61																				43	70
60/ 59																				16	103
58/ 57																				4	106
56/ 55																					130
54/ 53																					129
52/ 51																					116
50/ 49																					104
48/ 47																					78
46/ 45																					78

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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
JUL — MONTH

PAGE 2 — 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43																					45
42/ 41																					25
40/ 39																					15
38/ 37																					15
36/ 35																					7
34/ 33																					6
32/ 31																					1
30/ 29																					3
28/ 27																					2
26/ 25																					1
TOTAL			.1	.1	.3	.5	.5	3.2	6.1	6.7	8.2	9.8	13.7	15.3	13.5	11.5	10.5	1139	1139	1139	1139

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.	1050515	32551	28.6	10.279	1139			93.0	92.9	90.0	47.6	93
Dry Bulb	9707000	104910	92.1	6.221	1139			62.3	8.7			93
Wet Bulb	5278661	77439	68.0	3.468	1139							93
Dew Point	3294301	60697	53.3	7.247	1139		.6	2.9				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

PSYCHROMETRIC SUMMARY

13024 — STATION — MORON AB SPAIN — STATION NAME — 58-69 — YEARS — JUL — MONTH

PAGE 1 — 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
108/107																	.3	3	3					
106/105																	.1	1	1					
104/103																	.6	7	7					
102/101															.2	.1	.4	7	7					
100/ 99														.2	.6	.4	.4	18	18					
98/ 97													.3	.8	.8	1.0	.7	40	40					
96/ 95											.1	.2	.8	.9	1.4	.3	.4	46	46					
94/ 93											.5	.8	1.7	1.9	.8	.4	.5	75	75					
92/ 91								.1	.1	.4	.4	1.3	1.9	1.6	.5	.4	.4	81	81					
90/ 89								.1	.7	.8	2.2	2.3	1.6	1.1	.6	.4		110	110					
88/ 87								.4	.4	1.9	2.0	2.2	1.2	.3	.1	.1		96	96					
86/ 85						.2	.3	1.6	1.7	2.9	2.3	1.8	1.0	.5	.1			138	138					
84/ 83				.1	.1	.2	1.1	1.8	1.8	2.2	2.0	.9	.3	.1				116	116					
82/ 81						.6	1.2	1.7	1.9	1.6	.9	.5	.2					96	96					
80/ 79					.2	1.2	1.6	1.9	2.3	.4	.3	.4						93	93					
78/ 77					.4	.6	1.1	2.1	1.3	.2	.1							65	65	3				
76/ 75				.2	.4	1.4	2.2	.9	.2		.1							59	59	9				
74/ 73				.1	.4	.9	.9	.5										31	31	45	1				
72/ 71			.1		1.4	.4	.1		.1									23	23	117	5				
70/ 69			.1	.1	.2	.6												11	11	205	5				
68/ 67																				238	34				
66/ 65																				198	57				
64/ 63																				178	64				
62/ 61																				85	81				
60/ 59																				36	151				
58/ 57																				6	124				
56/ 55																				1	147				
54/ 53																					126				
52/ 51																					97				
50/ 49																					61				
48/ 47																					49				
46/ 45																					32				
44/ 43																					21				
42/ 41																					12				

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												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — MORON AB SPAIN — 58-69 — JUL

STATION — STATION NAME — YEARS — MONTH

 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B	TOTAL Wet Bulb Dew Point
40/ 39																			16
38/ 37																			12
36/ 35																			5
34/ 33																			5
32/ 31																			7
30/ 29																			3
26/ 25																			1
TOTAL			.2	.4	3.0	6.1	8.3	11.1	10.6	10.4	10.9	10.6	8.9	7.3	5.2	3.0	3.9	1116	1116
																		1116	1116

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.	1852762	42828	38.4	13.697	1116							
Dry Bulb	8221229	95459	85.5	7.085	1116			93.0	90.2	73.9	16.4	93
Wet Bulb	4998080	74580	66.8	3.349	1116			91.0	4.8			93
Dew Point	3486298	61854	55.4	7.215	1116		.9	3.8	.1			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | TORDO AB SPAIN STATION NAME | 58-69 YEARS | JUL MONTH

 2100-2300 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 P.
96/ 95														.1	.2			3	3		
94/ 93														.1	.1	.1		3	3		
92/ 91												.1			.1			2	2		
90/ 89											.1	.1	.3					5	5		
88/ 87										.2	.4	.2						8	8		
86/ 85								.2		.4	.3	.3	.1	.1				14	14		
84/ 83								.3	.5	1.3	.5	.2	.1					32	32		
82/ 81						.2	.8	1.3	1.3	1.5	.4							61	61		
80/ 79			.2		.3	1.3	2.0	2.8	1.8	2.1	.5	.1						123	123		
78/ 77		.1	.1	.4	1.3	2.8	2.2	2.6	1.9	.5	.2							135	135		
76/ 75		.1	.2	.8	3.2	2.6	3.8	2.7	1.0	.4	.1							166	166	4	1
74/ 73	.1	.1	.4	2.2	2.1	2.4	3.6	2.4	.4	.3								156	156	2	5
72/ 71		.1	.9	2.0	3.0	3.4	2.4	.2	.4	.1								139	139	20	1
70/ 69			1.0	3.1	2.5	2.3	1.2	.3	.3									119	119	87	5
68/ 67		.1	1.3	2.6	2.6	.7	.4	.1										87	87	173	28
66/ 65		.1	1.3	1.9	.5	.3												45	45	185	68
64/ 63		.1	.6	.5														14	14	240	97
62/ 61		.1	.1															2	2	224	124
60/ 59			.2															2	2	127	154
58/ 57																				39	169
56/ 55																				11	140
54/ 53																				4	121
52/ 51																					87
50/ 49																					59
48/ 47																					22
46/ 45																					13
44/ 43																					10
42/ 41																					5
40/ 39																					5
38/ 37																					2
TOTAL	.1	.7	6.1	13.6	15.6	16.0	16.3	12.7	7.6	6.7	2.4	.9	.4	.3	.4	.1		1116	1116	1116	1116

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.	3872475	63747	57.1	14.399	1116							
Dry Bulb	6225608	83140	74.5	5.342	1116			87.8	59.0	15.9	.5	93
Wet Bulb	4576483	71359	63.9	3.500	1116			23.8	.5			93
Dew Point	3711433	64057	57.4	5.374	1116			3.3	.5			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — AUG MON

PAGE 1 0000-0200 HRS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87															.3			3	3		
86/ 85											.1			.1				2	2		
84/ 83									.1		.2	.1	.2	.1				7	7		
82/ 81								.1	.2	.2	.3	.1	.1					10	10		
80/ 79					.1	.2	.1	.8	.9	.3	.3	.1	.1					31	31		
78/ 77					.8	1.2	.8	.6	1.5	.5	.3							64	64		
76/ 75				.7	1.9	2.0	3.0	1.9	.7	.2	.4	.1						120	120		
74/ 73		.1	.7	2.5	2.9	2.1	3.3	1.7	.5	.2	.1							158	158		
72/ 71		.2	2.3	2.8	3.8	4.0	2.6	1.0	.2									188	188	2	
70/ 69		.4	2.0	3.0	5.1	3.9	2.2	1.0										197	197	51	1
68/ 67		.2	2.7	2.6	3.3	2.5	1.3	.2										143	143	103	36
66/ 65		.5	1.8	2.8	2.4	1.8	.4		.1									110	110	143	59
64/ 63	.4	.4	1.7	1.8	.4	.3	.3	.2	.1									62	62	207	94
62/ 61			.3	.4	.4	.3	.1	.1										16	16	248	111
60/ 59			.2	.2	.1													5	5	184	105
58/ 57			.1	.1														2	2	103	174
56/ 55																				54	161
54/ 53																				15	104
52/ 51																				2	89
50/ 49																				5	69
48/ 47																				1	51
46/ 45																					21
44/ 43																					16
42/ 41																					6
40/ 39																					6
38/ 37																					4
36/ 35																					7
34/ 33																					3
32/ 31																					1
TOTAL	.4	1.9	11.7	16.7	21.1	18.2	14.1	7.5	4.3	1.3	1.5	.4	.4	.2	.3				1118		1118
																		1118		1118	

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.	4484232	68978	61.7	14.301	1118							
Dry Bulb	5646585	79293	70.9	4.519	1118			76.8	32.9	2.7		93
Wet Bulb	4335696	69494	62.2	3.785	1118			13.0				93
Dew Point	3591050	62982	56.3	6.203	1118		.1	3.1				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

13024 STATION — MORON AB SPAIN STATION NAME — 58-69 YEARS — AUG MONTH

PAGE 1 — 0300-0500 GMT

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	Dry Bulb	TOTAL Wet Bulb	Dew Po
84/ 83											.2							2	2		
82/ 81											.1							1	1		
80/ 79								.1		.1	.1	.2						5	5		
78/ 77						.2	.1	.3	.4	.1	.2							13	13		
76/ 75				.3	.4	.5	.8	.7	.3									34	34		
74/ 73			.4	.9	1.3	1.4	1.3	1.2	.4	.1								78	78		
72/ 71		.1	1.9	2.2	1.8	2.7	2.0	.8	.4	.1								133	134		
70/ 69	.1	.6	2.2	3.7	3.4	2.7	1.9	.7	.5									177	177	16	1
68/ 67	.1	.5	3.1	3.4	3.9	1.5	.5	.4	.1									152	154	53	21
66/ 65		1.0	3.1	4.3	3.9	3.5	.5		.1									182	182	95	36
64/ 63	.1	1.0	2.9	4.1	3.1	1.4	.4	.1										145	145	150	60
62/ 61	.3	.9	2.2	1.8	1.9	1.4	.1											95	95	185	105
60/ 59		.1	1.5	1.7	1.2	.5	.3											59	59	214	99
58/ 57		.1	.6	.4	.6	.2	.1											25	25	153	149
56/ 55			.3	.4			.2											10	10	126	137
54/ 53		.1	.1															2	2	61	124
52/ 51																				39	111
50/ 49																				13	93
48/ 47																				5	58
46/ 45																				1	46
44/ 43																				1	35
42/ 41																					17
40/ 39																					10
38/ 37																					2
36/ 35																					4
34/ 33																					2
32/ 31																					1
30/ 29																					1
TOTAL	.5	4.4	18.5	23.3	21.5	16.2	8.1	4.3	2.1	.4	.5	.2						1112	1116	1112	1112

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.	5054087	73431	66.0	13.586	1112							
Dry Bulb	5046785	74865	67.1	4.696	1116			49.8	11.1	.6		93
Wet Bulb	4007012	66576	59.9	4.395	1112			5.8				93
Dew Point	3380692	60908	54.8	6.332	1112		.2	1.8				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
AUG — MONTH

 0600-0800 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85										.1	.2			.1				4	4	
84/ 83									.1	.1	.1	.1						4	4	
82/ 81							.1	.3	.2	.4	.2	.1						14	14	
80/ 79							.6	.8	.6	.5	.4	.1						35	35	
78/ 77					.5	1.1	1.1	.7	.7	.6	.1							57	57	
76/ 75			.1	.3	1.0	2.4	1.6	1.2	.9	.3								87	87	
74/ 73		.2	.4	1.1	1.4	2.3	1.7	1.8	.4									105	105	1	
72/ 71			1.4	2.6	2.9	2.9	2.2	1.5	.5	.1								160	160	2	1
70/ 69		.3	2.6	2.8	2.5	3.3	2.3	.8	.1	.1								167	169	27	2
68/ 67		.6	2.6	3.1	2.7	2.1	.9	.3	.1									141	141	77	15
66/ 65		.6	2.1	2.6	3.5	1.5	1.0	.2										130	131	142	45
64/ 63		.6	1.9	2.7	2.3	.9	.2	.3										101	101	177	88
62/ 61	.1	.5	1.4	1.6	.9	.8	.1											61	61	195	101
60/ 59		.6	.9	.8	.7	.4	.1											39	39	178	114
58/ 57		.1	.6	.5	.6													21	21	162	129
56/ 55			.4	.2		.1	.1											9	9	85	138
54/ 53		.1		.1														2	2	46	130
52/ 51																				28	115
50/ 49																				14	101
48/ 47																				1	59
46/ 45																				1	42
44/ 43																				1	27
42/ 41																					15
40/ 39																					6
38/ 37																					5
36/ 35																					3
32/ 31																					1
TOTAL	.1	3.6	14.3	18.3	19.0	17.7	11.9	7.8	3.8	2.2	1.0	.3		.1					1140		1137
																		1137		1137	

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.	4710075	71315	62,7	14,445	1137							
Dry Bulb	5493399	78881	69,2	5,568	1140			63.3	25.0	2.5		93
Wet Bulb	4233881	69203	60,9	4,387	1137			8.8	.1			93
Dew Point	3508946	62766	55,2	6,228	1137		.1	1.5				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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
100/ 99															.1	.1	.3		5	5		
98/ 97															.1	.4	.3		10	10		
96/ 95													.2	.1	.4	.3	.3		15	15		
94/ 93										.1			.2	.6	.4	.1	.2		18	18		
92/ 91											.1	.4	1.4	.9	.5	.2			41	41		
90/ 89										.6	1.7	1.3	1.9	.8	.1				75	75		
88/ 87								.2	.5	1.6	1.3	2.4	1.2	.6					91	91		
86/ 85						.1		.7	2.0	1.9	3.8	1.9	.8	.3					138	138		
84/ 83							.4	1.9	2.7	3.2	2.4	.7	.3						136	136		
82/ 81						.7	1.5	3.2	2.3	2.2	1.7	.3	.3						144	144		
80/ 79				.2	.3	1.5	2.0	3.0	3.0	1.4	.3								138	138		
78/ 77			.1	.1	.6	2.5	1.6	1.7	2.0	.7	.4	.1							115	115		
76/ 75			.2	.7	1.2	1.9	1.6	1.8	.9	.3	.2								103	103	3	
74/ 73			.1	.7	1.5	1.2	1.1	.8	.3	.1									68	68	8	
72/ 71			.2	.9	.8	.7	1.0	.4	.1										49	49	67	5
70/ 69			.3	.7	.7	.5	.1	.1											27	27	160	2
68/ 67				.1	.2														3	3	275	20
66/ 65		.2	.1	.3															7	7	265	47
64/ 63																					215	104
62/ 61																					122	130
60/ 59																					48	137
58/ 57																					17	121
56/ 55																					3	131
54/ 53																						148
52/ 51																						109
50/ 49																						87
48/ 47																						45
46/ 45																						40
44/ 43																						20
42/ 41																						11
40/ 39																						9
38/ 37																						10
36/ 35																						1
34/ 33																						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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
[illegible] AB SPAIN — STATION NAME
58-70 — YEARS
AUG — MONTH
PAGE 2
0900-1100 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 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		.2	.6	3.6	5.2	9.0	9.4	13.7	13.8	12.2	11.8	7.1	6.1	3.4	1.6	1.0	1.1	1183	1183	1183
																		1183	1183	

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.	2498470	51680	43.7	14.273	1183							
Dry Bulb	7938021	96623	81.7	6.253	1183			92.4	86.2	59.0	3.8	93
Wet Bulb	5127474	77790	65.8	3.222	1183			40.3	.9			93
Dew Point	3747779	66171	55.9	6.272	1183			2.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — JAN MONTH

 1200-1400 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.	TOTAL W.B.	TOTAL Dry B. b	TOTAL Wet Bulb	TOTAL Dew P.
108/107																	.2	2	2			
106/105																	.4	5	5			
104/103																	1.4	16	16			
102/101																.3	2.5	34	34			
100/ 99														.2	.7	.8	1.6	38	38			
98/ 97												.1	.4	.5	1.9	1.6	2.0	77	77			
96/ 95											.3	.3	1.3	2.0	2.6	1.9	1.0	111	111			
94/ 93									.1	.3	.4	1.5	3.6	3.1	2.1	1.4	.2	150	150			
92/ 91						.1		.1	.1	.5	1.3	2.9	2.9	3.7	1.9	.3	.1	163	163			
90/ 89								.3	.5	1.4	3.1	2.3	2.7	1.8	.7	.1		152	152			
88/ 87							.1	.3	1.1	2.0	1.5	2.1	1.4	.7	.3			113	113			
86/ 85						.1		.4	1.4	1.9	1.9	1.4	.8	.5				100	100			
84/ 83							.3	.4	1.0	1.3	.5	1.1	.6					61	61			
82/ 81							.3	1.0	1.4	1.1	.8	.3	.1					59	59	1		
80/ 79						.2	.5	1.1	.6	.8	.4	.2						44	44			
78/ 77					.1	.4	.7	.5	.3	.2		.1						26	26	5	18	1
76/ 75				.1	.1	.3	.4	.2	.3									17	17	18		
74/ 73				.2	.1	.2		.3										9	9	46	1	
72/ 71				.2	.1													3	3	130	4	
70/ 69																				264	9	
68/ 67																				259	15	
66/ 65																				239	31	
64/ 63																				131	55	
62/ 61																				61	86	
60/ 59																				23	113	
58/ 57																				3	129	
56/ 55																					108	
54/ 53																					109	
52/ 51																					117	
50/ 49																					98	
48/ 47																					90	
46/ 45																					75	
44/ 43																					56	
42/ 41																					35	

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION — MORON AB SPAIN — STATION NAME — 58-70 — YEARS — AUG — 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. Dry Bulb	TOTAL Wet Bulb Dew Po
40/ 39																			20
38/ 37																			12
36/ 35																			13
34/ 33																			3
TOTAL	.4	.3	1.3	2.3	4.7	6.9	9.4	10.1	12.3	13.9	12.5	10.1	6.4	9.4				1180	1180
																		1180	1180

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.	1270520	36352	30.8	11.303	1180			93.0	92.8	86.6	34.1	93
Dry Bulb	9622535	106293	90.1	6.366	1180			57.0	5.5	.1		93
Wet Bulb	5382467	79595	67.5	3.385	1180			2.4	.2			93
Dew Point	3434683	63083	53.5	7.266	1180							

USAFETAC FORM 0-26-5 (OL A) JAN 64 — REVISE: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 (IRD) AB SPAIN 58-70 JAN

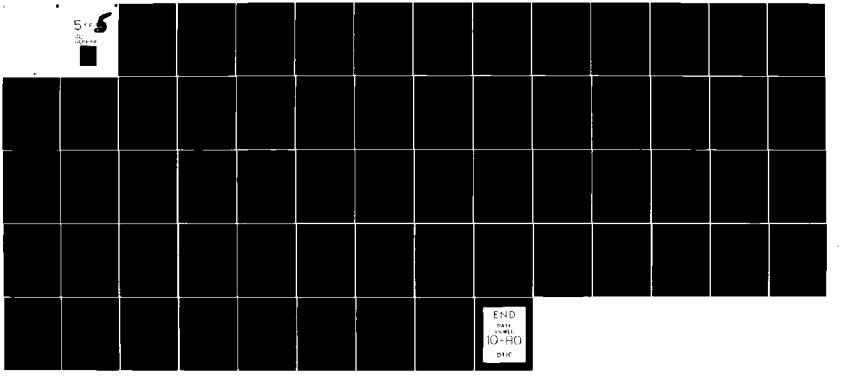
PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL DB WB	Dry Bulb	TOTAL Wet Bulb	Dew Point
110/109																	.3	3	3		
108/107																	.3	3	3		
106/105																	1.5	17	17		
104/103																	2.3	26	26		
102/101																.1	1.1	3.6	54	54	
100/ 99															.4	1.6	2.0	3.1	83	83	
98/ 97											.2		.8	2.3	3.9	2.4	4.0	154	154		
96/ 95										.2	.3	.3	.9	3.5	3.9	2.6	1.7	145	145		
94/ 93									.2	.4	.7	1.7	2.0	2.9	3.2	1.6	.6	153	153		
92/ 91							.1		.1	.3	1.3	1.6	1.5	2.8	2.1	.7	.4	124	124		
90/ 89								.2	.1	1.2	1.1	.6	2.3	1.1	.7	.4		87	87		
88/ 87							.2	.4	.8	.3	1.2	1.0	1.8	1.2	.1			79	79		
86/ 85							.1	.5	.4	.6	1.1	1.4	.6	.4				58	58		
84/ 83							.3	.6	.4	1.1	.7	.4	.4					44	44		
82/ 81							.3	.3	1.1	.7	.9	.1	.2					39	39		
80/ 79					.1		1.0	1.8	.6	.4	.1	.1	.1					47	47	1	
78/ 77						.2	.4	.6		.1								17	17	7	
76/ 75					.1		.4											6	6	14	1
74/ 73					.1		.2											3	3	63	3
72/ 71																				156	1
70/ 69																				224	10
68/ 67																				230	17
66/ 65																				240	24
64/ 63																				142	42
62/ 61																				51	47
60/ 59																				11	86
58/ 57																				3	113
56/ 55																					100
54/ 53																					120
52/ 51																					121
50/ 49																					98
48/ 47																					90
46/ 45																					85
44/ 43																					54

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

AD-A088 961 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MORON AB, MORON, SPAIN. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/087 NL



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | AUG MONTH

PAGE 2 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
42/ 41																					46
40/ 39																					37
38/ 37																					21
36/ 35																					17
34/ 33																					7
32/ 31																					2
TOTAL					.3	.2	2.9	4.6	3.5	5.3	7.4	7.0	10.5	14.6	15.8	10.1	17.9	1142	1142	1142	1142

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.	996153	31325	27.4	10.954	1142							
Dry Bulb	9821587	105639	92.5	6.993	1142			93.0	93.0	89.5	52.0	93
Wet Bulb	5243349	77283	67.7	3.420	1142			56.6	6.9	.1		93
Dew Point	3171561	59547	52.1	7.641	1142		.2	2.6	.3			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | AUG MONTH

 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P
108/107																	.1	1	1		
104/103																	.4	4	4		
102/101																.3	.6	10	10		
100/ 99															.4	.7	1.1	24	24		
98/ 97													.2	1.0	.7	.5	.9	37	37		
96/ 95												.5	.5	1.7	1.3	.9	1.1	67	67		
94/ 93								.1		.1	.4	1.0	1.3	1.1	1.0	.4	.7	66	66		
92/ 91								.1		.2	1.0	1.5	1.6	1.8	1.3	1.0		94	94		
90/ 89						.3		.1	.4	1.2	1.4	2.4	2.0	.8	1.0	.4		111	111		
88/ 87								.2	.5	2.0	1.9	1.7	1.7	1.0	.2			102	102		
86/ 85						.1	.5	.6	1.8	2.6	2.7	1.7	1.7	.5	.1			138	138		
84/ 83							.6	1.0	1.4	2.1	1.8	.4	.5					88	88		
82/ 81					.1	.4	.9	1.9	2.1	2.1	1.1	.3	.2					100	100	2	
80/ 79				.1	.1	.8	.9	1.3	1.5	1.0	.4	.4						72	72	3	
78/ 77					.4	.8	1.3	1.8	.6	.4								59	59		3
76/ 75				.2	.6	1.3	1.4	.7	.3	.1								51	51	8	
74/ 73		.1	.1	.1	.7	1.5	1.3	.4										48	48	28	2
72/ 71				.4	1.3	.9	.3											31	31	116	3
70/ 69			.1	.3	.3	.3	.1											11	11	182	8
68/ 67		.1			.2													3	3	188	19
66/ 65																				247	32
64/ 63																				201	79
62/ 61																				107	91
60/ 59																				29	124
58/ 57																				6	124
56/ 55																					140
54/ 53																					109
52/ 51																					105
50/ 49																					70
48/ 47																					46
46/ 45																					52
44/ 43																					23
42/ 41																					20
40/ 39																					26

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) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P...
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
38/ 37																						24
36/ 35																						9
34/ 33																						6
32/ 31																						2
TOTAL		.2	.2	1.0	3.6	6.4	7.3	8.2	8.6	11.6	10.6	9.9	9.7	7.9	5.8	4.2	4.8		1117	1117	1117	1117

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.	1805215	41857	37.5	14.564	1117							
Dry Bulb	8258771	95693	85.7	7.380	1117			93.0	89.3	72.6	17.4	93
Wet Bulb	4953507	74279	66.5	3.348	1117			43.9	3.4	.2		93
Dew Point	3393603	61003	54.6	7.447	1117		.2	2.9	.4			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

13024 STATION | HURON AB SPAIN STATION NAME | 58-69 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95															.1			1	1		
92/ 91																.1	.1	2	2		
90/ 89													.1			.2		3	3		
88/ 87											.3	.2	.4	.2	.4			16	16		
86/ 85					.1		.2	.3	.3	.2	.4	.6	.4	.1	.2			30	30		
84/ 83							.2	.8	1.0	1.3	.5	.6						49	49		
82/ 81				.1	.1	.4	1.4	2.2	1.3	2.0	1.0	.6						102	102		
80/ 79				.1		1.3	2.7	3.1	3.1	1.3	.7	.2	.1					141	141		
78/ 77			.2	.3	.9	2.8	2.5	3.1	1.9	.9	.2	.1						143	143	1	
76/ 75			.3	1.0	2.2	2.9	4.1	2.5	2.2	.1	.1							172	172	2	1
74/ 73			.4	1.0	2.0	2.5	2.5	1.4	.7	.2	.1							121	121	5	2
72/ 71			.3	2.4	2.6	2.8	1.7	.8	.3	.1								122	122	24	3
70/ 69			.8	2.7	3.6	1.7	.8	.4	.1	.2								114	115	89	6
68/ 67		.1	.9	1.5	1.5	.7	.1	.1										55	56	147	29
66/ 65		.4	.5	1.4	.5	.1												34	34	227	38
64/ 63			.3	.4	.1													8	8	242	118
62/ 61						.1												1	1	204	125
60/ 59																				126	154
58/ 57																				34	137
56/ 55																				8	156
54/ 53																				4	109
52/ 51																				1	77
50/ 49																					52
48/ 47																					43
46/ 45																					26
44/ 43																					7
42/ 41																					6
40/ 39																					8
38/ 37																					5
36/ 35																					10
34/ 33																					2
TOTAL		.5	3.7	10.9	13.6	15.4	16.2	14.6	11.0	6.2	3.2	2.3	1.0	.3	.7	.3	.1		1116		1114
																		1114		1114	

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.	3497475	60275	54,1	14,567	1114							
Dry Bulb	6411145	84381	75,6	5,279	1116			89,4	65,0	22,9	,1	93
Wet Bulb	4585006	71362	64,1	3,496	1114			22,4	,7			93
Dew Point	3632298	63230	56,8	6,244	1114			3,4	,3			93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | SEP MONTH

 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
84/ 83										.3	.1								4	4		
82/ 81								.2	.1										3	3		
80/ 79						.1	.3	.4	.6	.1	.1								16	16		
78/ 77						.4	.3	.6	.2		.1								17	17		
76/ 75			.1	.3	.6	1.1	1.6	1.0	.4	.1	.1								56	56		
74/ 73			.1	1.2	1.2	1.7	1.1	1.3	.3										74	74		
72/ 71		.1	1.0	1.7	1.7	2.4	1.9	.4	.3										101	101	2	
70/ 69			2.3	3.4	4.7	3.1	1.3	.3	.1	.1									166	166	8	2
68/ 67		.3	5.0	4.6	2.3	1.2	.5	.3											153	153	52	2
66/ 65		.8	6.2	4.6	2.2	1.2	.8	.2											174	174	103	33
64/ 63		1.5	4.2	4.3	1.5	1.1	.6	.2											143	143	171	79
62/ 61		.6	2.7	1.5	.6	.4	.2												65	65	252	98
60/ 59		.6	1.0	.6	.5	.3	.2	.1											35	35	188	154
58/ 57		1.0	.9	.7	.3		.1	.2											35	35	121	150
56/ 55		.2	1.3	.1	.4			.2											23	23	67	187
54/ 53		.2	.6		.2		.1												11	11	50	105
52/ 51			.4																4	4	34	84
50/ 49																					18	70
48/ 47																					6	29
46/ 45																					3	29
44/ 43																					4	22
42/ 41																					1	11
40/ 39																						11
38/ 37																						2
36/ 35																						5
34/ 33																						1
26/ 25																						4
24/ 23																						2
TOTAL		5.3	25.7	23.1	16.1	13.0	8.8	5.3	1.9	.6	.4								1080	1080	1080	1080

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.	5189084	73358	67.9	13.827	1080							
Dry Bulb	4904486	72548	67.2	5.372	1080			49.2	14.2	1.0		90
Wet Bulb	3948863	65131	60.3	4.416	1080			5.2				90
Dew Point	3381496	60062	55.6	6.181	1080		.3	.3				90

FORM 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

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.2								2	2		
80/ 79									.1									1	1		
78/ 77						.1	.1	.4	.1									7	7		
76/ 75					.2	.2	.3	.4		.1								12	12		
74/ 73					.2	.6	.3	.6		.3								21	21		
72/ 71			.6	1.0	1.0	1.5	.9	.3	.1									59	59		
70/ 69		.3	3.0	2.4	1.7	1.5	.9	.1	.2									108	108	1	
68/ 67		.4	3.2	3.4	4.2	1.4	1.0		.1									148	148	23	2
66/ 65		1.8	5.7	3.9	3.2	1.2	.2	.1										172	172	58	17
64/ 63		3.1	5.7	4.1	2.0	1.0	.2											173	174	118	62
62/ 61		1.9	4.0	2.2	1.8	1.1												119	119	194	78
60/ 59		.9	3.2	2.2	1.1	.4												85	85	210	141
58/ 57		1.5	3.0	.6	.4	.8												68	68	142	122
56/ 55		.6	1.2	.7	.5	.2	.1	.1										37	37	125	164
54/ 53		.7	1.0	.6	.6	.1												33	33	78	126
52/ 51		.3	.9	.6	.2	.2												23	23	45	115
50/ 49		.2	.4	.2														8	8	28	80
48/ 47		.1	.2															3	3	33	53
46/ 45																				15	33
44/ 43																				8	23
42/ 41																				1	22
40/ 39																					19
38/ 37																					6
36/ 35																					10
32/ 31																					2
30/ 29																					1
28/ 27																					1
26/ 25																					2
TOTAL		11.8	32.1	22.0	17.0	10.2	4.0	1.9	.6	.6								1079	1080	1079	1079

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.	9767953	77591	71.9	13.219	1079							
Dry Bulb	4453863	69107	64.0	9.433	1080			29.8	3.6	.3		90
Wet Bulb	3699024	62954	58.3	4.910	1079			2.0				90
Dew Point	3223592	58894	54.3	6.450	1079		.3	.2				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.1	.1		.1						3	3		
82/ 81										.1		.1						2	2		
80/ 79							.1		.1		.1							3	3		
78/ 77						.1	.5	.5	.3	.3								18	18		
76/ 75				.2	.2	.8	1.0	.5	.2									32	32		
74/ 73				.4	.4	.8	1.0	.5	.1	.3								37	37		
72/ 71		.1	.1	1.3	1.5	1.5	1.3	.4	.1	.1								69	69	1	
70/ 69		.4	1.9	2.1	2.6	2.3	.8	.3	.3	.2								119	119	7	1
68/ 67		.3	3.6	2.7	3.3	2.0	1.0		.3									145	145	25	5
66/ 65		1.6	4.5	4.2	2.7	1.5	.3	.2										165	165	78	20
64/ 63	.1	1.9	5.0	3.6	2.2	1.2	.5	.1										160	160	126	60
62/ 61		2.5	3.8	2.9	1.1	.4	.2											120	120	181	64
60/ 59	.1	1.5	2.5	1.5	.9	.5	.1											79	79	209	124
58/ 57		1.2	1.9	.9	.4	.3	.2											53	53	160	150
56/ 55		1.1	1.0	.5	.3	.3												35	35	119	170
54/ 53		.6	.8	.7	.3	.1												28	28	73	116
52/ 51		.3	.7	.5	.3	.1												20	20	47	148
50/ 49		.5	.2	.2	.1													10	10	32	66
48/ 47			.3															3	3	23	61
46/ 45																				14	30
44/ 43																				6	20
42/ 41																					24
40/ 39																					18
38/ 37																					13
36/ 35																					5
34/ 33																					5
32/ 31																					1
TOTAL	.2	12.0	26.3	21.6	16.2	11.8	6.8	2.5	1.4	1.0	.1	.2							1101		1101
																		1101		1101	

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.	5634674	77186	70.1	14.254	1101							
Dry Bulb	4668282	71394	64.8	5.931	1101			35.0	7.8	.4		90
Wet Bulb	3815951	64899	58.7	4.836	1101			2.7				90
Dew Point	3283904	59754	54.3	6.257	1101		.1	.5				90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	1	1		
100/ 99																.1		1	1		
98/ 97																.1	.1	2	2		
96/ 95															.1		.2	3	3		
94/ 93													.2	.1	.1	.3		8	8		
92/ 91										.1		.2	.3	.7	.1	.1		17	17		
90/ 89											.8	.4	.6	.2	.1			24	24		
88/ 87										.3	1.0	.9	.6	.3				34	34		
86/ 85								.2	.3	1.3	1.6	1.0		.2				51	51		
84/ 83							.2	.6	1.2	1.9	1.4	.3	.2					67	67		
82/ 81				.1			.3	1.6	2.4	2.1	1.1	.3	.1					91	91		
80/ 79					.1	.8	1.2	1.9	3.1	1.8	.4	.2	.1					110	110		
78/ 77				.2	.3	1.7	3.0	3.0	1.5	.9	.2	.2						123	123		
76/ 75			.1	.1	1.4	2.4	4.5	1.6	1.6	.6	.3							143	143	1	
74/ 73				.3	2.3	2.4	2.2	1.6	.4	.1	.2							109	109	2	1
72/ 71			.1	1.4	2.8	2.4	1.8	.5	.6	.1	.1							112	112	9	
70/ 69			.6	2.4	3.4	1.1	.8	.1	.1	.1								99	99	64	4
68/ 67		.3	.8	1.6	1.6	.4	.4	.3										62	62	156	1
66/ 65		.3	.9	.8	1.0	.3	.5											44	44	262	29
64/ 63		.2	.4	.5	.3	.3	.3											23	23	257	66
62/ 61		.2	.2	.2	.2													8	8	186	104
60/ 59		.3	.2	.1		.1												7	7	94	161
58/ 57		.3																4	4	64	178
56/ 55																				29	186
54/ 53																				14	116
52/ 51																				4	92
50/ 49																				1	70
48/ 47																					42
46/ 45																					34
44/ 43																					23
42/ 41																					20
40/ 39																					7
38/ 37																					3
36/ 35																					5

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | SEP MONTH

0900-1100 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33																					1
TOTAL		1.5	3.2	7.7	13.4	11.9	15.2	11.4	11.1	9.3	7.1	3.4	2.1	1.4	.3	.6	.3		1143		1143
																		1143		1143	

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.	3262091	58413	51.1	15.969	1143							
Dry Bulb	6698906	87134	76.2	7.030	1143			83.2	61.7	28.0	1.2	90
Wet Bulb	4634603	72067	63.0	5.593	1143			18.3	.2			90
Dew Point	3393629	63379	55.4	5.789	1143			.5	.1			90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13724 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | SEP MONTH

PAGE 1 | 1200-1400 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 P.
106/105																	.3	3	3		
104/103																	.2	2	2		
102/101																.2	.9	12	12		
100/ 99															.1	.3	.4	9	9		
98/ 97											.1			.2	.5	.7	.5	23	23		
96/ 95											.1		.7	1.2	1.1	.4	.5	47	47		
94/ 93									.1			.3	1.3	1.9	1.5	.3		63	63		
92/ 91											.1	1.6	1.7	1.6	.9	.1		67	67		
90/ 89								.1	.1	.3	1.3	1.7	2.6	1.0				81	81		
88/ 87							.1		.3	1.0	3.1	2.6	1.0	.4	.2			100	100		
86/ 85						.1		.3	.4	2.4	3.3	1.2	1.6	.1	.2			109	109		
84/ 83						.1		.8	1.7	3.6	1.8	1.3	.6	.2				115	115		
82/ 81						.2	.6	2.4	3.1	2.1	1.5	.7	.6					128	128		
80/ 79						.2	1.0	1.6	2.6	1.0	1.1	.3						90	90		
78/ 77						.4	1.5	3.3	2.1	.6	.5	.3						100	100	2	
76/ 75					.2	.5	1.9	1.1	.7	.3	.3							58	58	4	
74/ 73			.1	.1	.7	.8	1.7	.5	.2	.2								48	48	7	
72/ 71				.3	.7	.6	.3	.5	.4									34	34	46	3
70/ 69		.1	.3	.3	.3	.3	.5	.4	.1									29	29	128	3
68/ 67		.1	.3	.3	.1	.1	.1	.1										12	12	250	6
66/ 65		.1	.3		.2	.1												8	8	280	7
64/ 63			.1	.1														2	2	200	36
62/ 61																				120	63
60/ 59			.1															1	1	55	118
58/ 57		.1	.1															2	2	38	153
56/ 55																				17	159
54/ 53																				1	160
52/ 51																					118
50/ 49																					102
48/ 47																					62
46/ 45																					50
44/ 43																					43
42/ 41																					25
40/ 39																					17

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
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 SEP
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																				8
36/ 35																				7
34/ 33																				3
TOTAL		.3	1.3	1.2	2.2	3.4	7.8	11.2	11.7	11.4	13.4	10.1	10.1	6.6	4.5	2.0	2.8	1143	1143	1143
																		1143	1143	

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.	1880756	43274	37.9	13.637	1143			89.0	83.1	62.9	12.5	90
Dry Bulb	8067416	95620	83.7	7.723	1143			84.0	.6			90
Wet Bulb	4878473	74565	65.2	3.318	1143			.9				90
Dew Point	3322102	61226	53.6	6.098	1143							

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 — STATION
MORON AB SPAIN — STATION NAME
58-70 — YEARS
SEP — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
106/105																	.1		1	1		
104/103																	.5		6	6		
102/101																.1	.8		10	10		
100/ 99														.1	.4	.5	1.0		22	22		
98/ 97												.1	.1	.7	1.0	.6	.8		37	37		
96/ 95												.2	.9	1.4	2.0	.8	.5		63	63		
94/ 93											.2	.4	1.2	3.1	2.2	.5			82	82		
92/ 91										.1	.6	1.9	3.0	2.2	.7	.1			95	95		
90/ 89									.1	.5	1.5	2.0	1.3	1.4	.2				77	77		
88/ 87						.1			.3	.3	1.5	2.8	2.2	.1	.5				85	85		
86/ 85					.1			.3	.7	1.7	2.5	1.6	1.8	.4	.2				103	103		
84/ 83					.1	.1		.4	1.6	1.9	1.6	1.8	.7	.2	.1				94	94		
82/ 81					.1		.2	1.3	1.5	2.4	1.1	.9	.3	.3					89	89		
80/ 79						.1	.6	2.5	3.7	.6	.5	.3	.1						94	94		
78/ 77					.1	.3	1.5	1.7	2.3	.7	.4	.3	.2						82	82	3	
76/ 75					.4	.7	1.4	1.5	.5	.5	.4	.1							60	60	2	
74/ 73				.2	.4	.7	1.3	.5	.3	.4									41	41	16	3
72/ 71			.1	.3	.5	.9	.6		.3										30	30	61	
70/ 69			.3	.4	.4	.3	.3		.1										18	18	127	2
68/ 67			.1		.3	.1													5	5	249	2
66/ 65			.1		.2	.1													4	4	235	14
64/ 63			.3	.1															4	4	188	31
62/ 61		.1	.1																2	2	119	49
60/ 59				.1															1	1	59	116
58/ 57																					27	128
56/ 55																					17	136
54/ 53																					2	161
52/ 51																						125
50/ 49																						88
48/ 47																						75
46/ 45																						62
44/ 43																						37
42/ 41																						34
40/ 39																						11

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

PSYCHROMETRIC SUMMARY

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) SEP (MONTH)

 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																				12
36/ 35																				5
34/ 33																				7
32/ 31																				3
30/ 29																				2
28/ 27																				2
TOTAL		.1	.9	1.0	2.4	3.3	5.9	8.2	11.3	9.2	10.4	12.3	11.7	9.7	7.1	2.6	3.7	1105	1105	1105	1105

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.	1603316	39400	35.7	13.407	1105							
Dry Bulb	8060098	93962	85.0	7.973	1105			89.1	84.8	67.0	18.0	90
Wet Bulb	4747901	72317	65.4	3.698	1105			37.3	1.7			90
Dew Point	3148541	58539	53.0	6.549	1105		.6	.6	.2			90

AS 64 U-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MURON AB SPAIN STATION NAME | 58-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	1	1		
98/ 97															.3	.2	.2	7	7		
96/ 95													.1	.6	.1	.1		9	9		
94/ 93											.1	.1	.6	.5	.4	.2	.1	21	21		
92/ 91											.2	.4	.8	1.1	.6		.1	34	34		
90/ 89									.1	.2	.7	1.7	.8	.6	.2			47	47		
88/ 87									.2	.8	1.3	1.5	.7	.5	.1	.1		56	56		
86/ 85							.2	.6	1.0	1.2	2.5	1.1	.6	.2	.1			80	80		
84/ 83						.1		.6	1.7	2.6	1.1	.6	.5	.2				79	79		
82/ 81			.1				1.1	1.5	2.5	1.2	.6	.5	.1					82	82		
80/ 79					.1	.5	1.8	1.7	2.8	.7	.7	.3	.1	.1				94	94		
78/ 77			.1	.1	.3	.9	1.8	2.4	1.3	.8	.3	.5	.1					93	93	1	
76/ 75					1.0	2.0	2.9	2.0	.7	.2	.4	.2	.1					103	103		1
74/ 73				.6	1.2	1.8	2.5	1.1		.2	.3	.1						85	85	6	1
72/ 71			.1	1.0	3.0	3.3	.8	.6	.6	.1		.1						104	104	30	
70/ 69		.1	.2	1.1	2.6	2.5	.4	.4	.1	.2	.1							82	82	87	
68/ 67			.6	1.5	.9	.6	.3	.1		.1								45	45	161	6
66/ 65	.1	.2	.6	.8	.9	.2	.3											33	33	229	32
64/ 63		.1	.7	.2	.1													12	12	219	53
62/ 61		.1	.6	.1														9	9	171	96
60/ 59		.3	.2	.1														6	6	88	133
58/ 57																				52	162
56/ 55																				21	183
54/ 53																				12	127
52/ 51																				2	82
50/ 49																				3	47
48/ 47																					44
46/ 45																					34
44/ 43																					25
42/ 41																					17
40/ 39																					7
38/ 37																					9
36/ 35																					9
34/ 33																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | SEP MONTH

 1800-2000 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
32/ 31																					1
30/ 29																					1
28/ 27																					2
26/ 25																					4
24/ 23																					1
TOTAL	.1	.7	3.2	5.5	10.1	12.0	12.0	10.9	10.9	8.3	8.3	6.9	4.5	3.7	1.7	.6	.5		1082		1082
																		1082		1082	

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.	2740428	51506	47.6	16.339	1082							
Dry Bulb	6692137	84671	78.3	7.830	1082			85.0	65.8	39.3	3.2	90
Wet Bulb	4453269	69289	64.0	3.862	1082			23.7	.6			90
Dew Point	3314188	59446	54.9	6.674	1082		.7	.7	.2			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

13024 STATION — MORON AB SPAIN STATION NAME — 58-69 YEARS — SEP MONTH

PAGE 1 2100-2300 WBAN OR WMO STA. NO.

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 P
88/ 87									.2	.1	.1		.1					5	5		
86/ 85									.1							.1		2	2		
84/ 83								.2	.4	.3	.4	.3						16	16		
82/ 81						.1	.1	.8	.6	.6	.2	.2	.2					29	29		
80/ 79					.1		.6	1.9	2.0	.6	.3	.1						59	59		
78/ 77				.1	.6	1.0	1.9	2.1	1.4	.6	.1	.1						86	86		
76/ 75				.2	1.8	2.2	3.2	1.3	.7	.3								105	105		
74/ 73			.1	1.0	1.9	3.5	1.9	1.1	.5	.4								112	112		
72/ 71			.4	2.1	2.9	3.0	1.1	.6	.3	.1								112	112	7	
70/ 69			1.9	4.4	4.5	2.0	.6	.6	.3									154	154	25	1
68/ 67		.1	2.7	5.5	2.9	1.5	.3	.6			.1							146	146	77	3
66/ 65		.4	2.8	3.8	1.5	.8	.6	.3	.1	.1								112	112	175	39
64/ 63		1.1	1.7	1.8	1.0	.5	.1	.1	.1	.1								69	69	237	67
62/ 61		.1	1.2	1.3	.4	.1		.1	.2									36	36	234	114
60/ 59		.4	1.2	.3	.2	.1			.1									24	24	140	183
58/ 57		.3	.6	.1														11	11	87	199
56/ 55			.1	.1														2	2	50	156
54/ 53																				30	102
52/ 51																				7	73
50/ 49																				4	44
48/ 47																				4	25
46/ 45																				3	23
44/ 43																					19
42/ 41																					12
40/ 39																					6
38/ 37																					4
32/ 31																					3
26/ 25																					2
24/ 23																					5
TOTAL		2.3	12.6	20.6	17.6	14.8	10.6	9.5	6.9	3.1	1.1	.6	.3			.1			1080		1080
																		1080		1080	

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.	4239203	66581	61.6	14.743	1080							
Dry Bulb	5460785	76539	70.9	5.816	1080			68.8	34.9	6.8		90
Wet Bulb	4167038	66990	62.0	3.941	1080			9.1				90
Dew Point	3445969	60651	56.2	6.051	1080		.8	.3				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION — HORON AB SPAIN STATION NAME — 58-70 YEARS — OCT MONTH

PAGE 1 — 0000-0200 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
76/ 75							.2											2	2		
74/ 73						.3	.1											4	4		
72/ 71					.1	.1	.1	.1	.1									5	5		
70/ 69				.2	.6	.2	.1	.2										14	14		
68/ 67			.7	.7	1.3	.9	.4	.2										46	46		
66/ 65		2.4	2.9	2.1	1.4	.4	.5	.1										110	110	1	
64/ 63	.3	3.9	4.1	3.8	1.5	.7	.6											168	168	65	17
62/ 61	.4	4.4	7.5	4.1	1.6	.8	.4											215	215	109	62
60/ 59	.4	4.9	6.0	2.9	2.2	.4	.4											191	191	144	95
58/ 57	.2	4.4	3.4	2.1	1.2	.7	.1											134	134	231	120
56/ 55	.1	2.4	1.9	1.9	1.1	.6												89	89	178	169
54/ 53	.2	1.3	1.7	1.3	.8	.1												59	59	118	163
52/ 51	.2	.8	.7	.6	.3	.2												31	31	93	106
50/ 49	.1	.5	.2	.4	.2													15	15	67	86
48/ 47		.4	.1	.1														6	6	50	73
46/ 45		.4	.3	.1	.2													10	10	22	66
44/ 43			.2	.4	.4													12	12	12	44
42/ 41			.4		.1													5	5	6	31
40/ 39			.1															1	1	6	30
38/ 37																				8	16
36/ 35																				7	13
34/ 33																					4
32/ 31																					7
30/ 29																					6
28/ 27																					3
26/ 25																					1
24/ 23																					2
22/ 21																					3
TOTAL	1.7	25.8	30.1	20.6	13.0	5.4	2.9	.5	.1									1117	1117		1117
																		1117		1117	

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.	66311153	84701	75.8	13.664	1117							
Dry Bulb	4043022	66962	59.9	5.078	1117			5.9	.5			93
Wet Bulb	3471119	61995	55.5	5.230	1117							93
Dew Point	3061754	57942	51.9	7.092	1117		1.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | HORON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
74/ 73					.1	.1	.1											3	3				
72/ 71					.1	.1	.1											3	3				
70/ 69				.1		.1	.1	.2										5	5				
68/ 67			.5	.2	.8	.1	.1											19	19				
66/ 65		1.3	2.2	.6	.2	.1	.3											52	52	2			
64/ 63	.4	2.6	2.8	1.8	1.0	.3	.4											104	104	40	14		
62/ 61	.4	5.7	4.7	1.9	.5	.8												157	157	75	46		
60/ 59	.5	5.6	6.5	3.5	1.3	.4												200	200	124	77		
58/ 57	.8	6.7	4.5	1.9	1.3	.4												175	175	156	118		
56/ 55	.8	4.7	3.8	2.6	1.3	.2												148	148	197	139		
54/ 53	.5	2.2	3.4	1.2	1.2	.1	.1											97	97	155	151		
52/ 51	.1	1.4	1.5	.9	.4	.2	.2											52	52	101	120		
50/ 49	.2	1.0	1.3	.5	.3													36	36	104	102		
48/ 47		1.3	.4	.5	.1													27	27	49	83		
46/ 45	.1	.6	.2															10	10	54	74		
44/ 43		.4	.1	.4	.2													12	12	22	55		
42/ 41			.2	.4	.2													8	8	12	41		
40/ 39		.1	.4	.2														8	8	5	36		
38/ 37		.1																1	1	7	13		
36/ 35																				11	18		
34/ 33																				3	6		
32/ 31																					3		
30/ 29																					7		
28/ 27																					6		
26/ 25																					3		
24/ 23																					3		
22/ 21																					2		
TOTAL	3.8	33.8	32.6	16.6	8.8	2.9	1.3	.2											1117		1117		1117
																		1117		1117			

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.	7145204	88208	79.0	12.683	1117							
Dry Bulb	3757820	64512	57.8	9.350	1117			2.9	.2			93
Wet Bulb	3300753	60399	54.1	9.586	1117							93
Dew Point	2957859	56913	51.0	7.210	1117		2.0					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75					.1													1	1		
74/ 73					.3													3	3		
72/ 71				.1	.1	.1	.4											8	8		
70/ 69			.1	.3	.2	.3	.2	.1										12	12		
68/ 67			.8	.5	.8	.4												28	28	1	
66/ 65	.1	.9	1.2	.8	.7	.4	.1	.1										49	49	9	1
64/ 63		3.1	3.3	2.1	.3	.3	.1											103	103	29	11
62/ 61	.5	5.2	4.7	2.5	1.8	.4	.3											176	176	77	46
60/ 59	.1	5.7	4.7	2.7	.6	.4												163	163	129	75
58/ 57	.2	6.9	4.4	1.8	1.1	.4	.1											168	168	174	105
56/ 55	.8	4.2	3.3	2.0	.6	.1	.1											126	126	182	158
54/ 53	.4	2.9	4.3	1.6	1.1	.2												119	119	144	151
52/ 51	.5	1.2	2.3	.8	.2	.2												59	59	106	115
50/ 49		1.2	1.5	.7	.1	.4												44	44	100	106
48/ 47	.1	1.5	.5	.1	.3	.1												29	29	65	93
46/ 45		1.0	.3	.3	.2													19	19	53	86
44/ 43	.1	.6	.2	.2														12	12	26	49
42/ 41		.3	.1	.3														7	7	12	43
40/ 39			.4	.1														5	5	11	36
38/ 37		.2	.1	.4														7	7	7	18
36/ 35																				8	11
34/ 33																				2	10
32/ 31																				3	3
30/ 29																					7
28/ 27																					5
26/ 25																					1
24/ 23																					6
22/ 21																					2
TOTAL	2.8	34.8	32.0	17.2	8.3	3.5	1.2	.2										1138	1138	1138	1138

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.	7277780	89850	79.0	12.712	1138							
Dry Bulb	3821084	65612	57.7	5.795	1138			4.2	.3			93
Wet Bulb	3349383	61389	53.9	5.764	1138		.2	.1				93
Dew Point	2999158	57842	50.8	7.214	1138		2.0					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

13024 STATION | MURON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.2			.1						3	3		
84/ 83									.1	.1	.2	.3	.2					9	9		
82/ 81							.1		.4	.6	.3	.1						18	18		
80/ 79							.3	.6	.5	.7	.3	.3						32	32		
78/ 77						.1	.7	.3	1.7	.7	.3	.1						45	45		
76/ 75					.1	.5	1.3	1.3	.8	.8								57	57		
74/ 73				.1	.7	.7	2.1	1.8	.8	.3	.2							78	78		
72/ 71				.4	2.6	2.4	2.1	.6	.8	.1								107	107		
70/ 69			.6	2.7	3.0	2.1	1.6	1.4	.3									138	138	3	
68/ 67		.1	1.8	3.5	1.8	2.0	.8	.6	.3									128	128	15	
66/ 65		.4	3.7	3.3	2.6	1.4	1.0	.4	.2									155	155	63	4
64/ 63		1.0	3.5	3.2	2.4	1.5	.8	.3	.2									152	152	154	21
62/ 61	.1	1.4	2.4	1.9	1.3	.9	.3		.2									100	100	239	67
60/ 59	.4	1.5	.8	1.3	.6	.8			.2									67	67	224	130
58/ 57	.3	.6	.6	1.0	.8	.4	.1	.3										47	47	180	173
56/ 55	.2	.3	.3	.4	.3	.1	.1											19	19	111	156
54/ 53	.1	.3	.1	.3	.3	.3	.3											17	17	77	124
52/ 51			.3	.3			.1											8	8	54	111
50/ 49		.1		.2	.1													4	4	29	110
48/ 47																				12	78
46/ 45																				12	54
44/ 43																				6	63
42/ 41																				5	37
40/ 39																					16
38/ 37																					14
36/ 35																					6
34/ 33																					2
32/ 31																					4
30/ 29																					3
28/ 27																					3
26/ 25																					5
24/ 23																					3
TOTAL	1.0	5.7	14.1	18.4	16.4	13.3	11.7	7.4	6.5	3.2	1.3	.8	.2					1184	1184	1184	1184

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.	4820349	72895	61.6	16.783	1184							
Dry Bulb	3407766	79652	67.3	6.434	1184			48.3	19.0	3.4		93
Wet Bulb	4118449	69619	58.8	4.384	1184			1.4				93
Dew Point	3323602	62208	52.5	6.828	1184		1.4					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

13024 MORON AB SPAIN 58-70 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
92/ 91												.1	.1	.1	.3			7	7	
90/ 89											.1	.2	.3	.3	.3			13	13	
88/ 87										.3	.4	1.2	.3	.3	.3			33	33	
86/ 85									.3	.3	.7	1.8	.8	.3	.2			52	52	
84/ 83									.3	.6	1.4	.9	.4	.2				45	45	
82/ 81								.6	.5	2.0	2.2	1.4	.2					82	82	
80/ 79							.2	1.1	2.1	1.9	1.9	.3						90	90	
78/ 77						.2	1.2	2.2	1.2	1.6	.6	.3	.2					87	87	
76/ 75					.2	1.4	3.0	2.1	2.0	.8	.8							122	122	
74/ 73					1.4	2.3	2.3	1.9	1.0	.8	.3							118	118	
72/ 71				.6	2.5	3.0	1.7	1.1	.8	.4	.2							120	120	
70/ 69			.2	1.7	1.7	2.4	.9	1.1	.7	.8	.2							113	113	8	
68/ 67		.1	1.3	3.0	1.7	1.5	1.1	.4	.3	.2								114	114	43	
66/ 65		.4	1.6	1.1	.9	1.1	.7	.7	.2	.3								82	82	141	1
64/ 63	.1	.3	.8	.5	.6	.7	.7	.4	.1	.3								54	54	279	20
62/ 61	.1	.2	.8	.4	.4	.4	.3	.3	.1									35	35	253	51
60/ 59			.2	.2		.1	.2	.3										10	10	179	136
58/ 57		.3			.1													4	4	99	138
56/ 55	.1																	1	1	83	124
54/ 53																				40	132
52/ 51																				29	105
50/ 49																				14	110
48/ 47																				8	98
46/ 45																				6	72
44/ 43																					44
42/ 41																					51
40/ 39																					29
38/ 37																					23
36/ 35																					21
34/ 33																					3
32/ 31																					9
30/ 29																					8
28/ 27																					1
26/ 25																					1

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

PAGE 2 | 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
24/ 23																			4
22/ 21																			1
TOTAL	.3	1.3	4.9	7.5	9.4	12.9	12.1	12.2	9.6	10.4	8.7	6.2	2.3	1.2	1.1		1182	1182	1182
																	1182	1182	

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.	3114891	57165	48,4	17,220	1182							
Dry Bulb	6513006	87342	73,9	7,068	1182			78,4	51,1	21,0		93
Wet Bulb	4395834	71916	60,8	4,143	1182			4,0				93
Dew Point	3192447	60807	51,4	7,377	1182		1,9					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-70 OCT

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt.
92/ 91												.1	.5	.1	.5	.5		20	20		
90/ 89											.2	.1	1.1	.3	.1	.1		22	22		
88/ 87											.5	.7	1.0	.3	.6			36	36		
86/ 85									.1	.7	.7	1.7	1.0	.6	.2			56	56		
84/ 83									.1	1.0	.9	2.4	1.2	.3				68	68		
82/ 81								.3	.3	1.0	2.4	1.0	.2	.1				60	60		
80/ 79							.4	1.6	2.4	2.0	1.8	.3	.2	.1				102	102		
78/ 77							1.0	2.4	1.4	2.3	.9	.5	.3					101	101		
76/ 75					.1	1.0	2.0	2.2	1.0	1.2	.6	.2						94	94		
74/ 73					1.0	2.4	3.1	1.7	.3	.9	.1	.3						114	114		
72/ 71				.4	1.9	2.0	1.1	1.0	.6	.6	.4							94	94		
70/ 69			.6	1.7	2.8	1.4	.9	.5	1.1	1.0								116	116	7	
68/ 67		.3	.9	1.2	1.2	.7	1.0	.4	.3	.3								74	74	45	
66/ 65	.1	.9	1.6	1.4	.4	.8	.4	.6	.1	.2								74	74	134	1
64/ 63		1.0	1.0	1.0	.4	.2	.3	.6	.1	.1								55	55	262	18
62/ 61		1.2	.7	.8	.3	.2		.3	.3									42	42	256	61
60/ 59		.4	.5	.1				.1										13	13	186	113
58/ 57	.1	.1			.1			.1										4	4	97	152
56/ 55		.1																1	1	76	121
54/ 53																				35	106
52/ 51																				26	98
50/ 49																				10	87
48/ 47																				8	94
46/ 45																				4	75
44/ 43																					51
42/ 41																					39
40/ 39																					34
38/ 37																					36
36/ 35																					23
34/ 33																					13
32/ 31																					7
30/ 29																					8
28/ 27																					5
26/ 25																					1

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

 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 P
24/ 23																			2
22/ 21																			1
TOTAL	.2	4.0	5.3	6.6	8.3	8.6	10.5	11.9	8.2	11.3	8.6	7.2	5.4	1.9	1.4	.6	1146	1146	1146
																	1146	1146	

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.	3007151	54361	47.4	19,345	1146							
Dry Bulb	6446649	85501	74.6	7,682	1146			77.7	54.6	25.9		93
Wet Bulb	4275780	69846	60.9	4,055	1146			4.2				93
Dew Point	3054780	58488	51.0	7,804	1146		1.9					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P...
88/ 87												.2	.1	.2	.1			6	6		
86/ 85										.2	.1	.3	.1	.2				9	9		
84/ 83										.1	.4	.4	.1	.1				11	11		
82/ 81							.1	.1	.4	.4	.4	.4	.2					23	23		
80/ 79								.6	.4	.8	.9	.4	.1					36	36		
78/ 77						.1	.5	.6	.4	.7	.4	.1	.1					34	34		
76/ 75						.6	.8	1.5	2.0	.8	.4	.1						70	70		
74/ 73				.2	.8	1.5	1.8	2.1	.0	.3	.1	.4						87	87		
72/ 71			.1	.8	1.9	2.2	2.1	1.3	.8	.4	.1							109	109		
70/ 69			.2	2.3	2.5	2.1	1.5	1.4	.2	.2								116	116	1	
68/ 67		.3	3.6	3.4	2.0	1.3	1.2	.9	.4									145	145	12	
66/ 65		2.2	2.7	2.3	1.7	.8	1.0	.7	.6	.1								136	136	68	1
64/ 63	.2	2.6	3.4	1.6	.5	.7	.5	.2	.2									113	113	179	29
62/ 61	.3	2.1	3.4	1.2	.9	.8	.3											100	100	244	93
60/ 59	.1	.9	2.0	1.0	.5	.4	.1	.1	.1									58	58	206	133
58/ 57		1.1	1.0	.3	.6	.2	.3	.2										40	40	156	160
56/ 55	.1	.3	.3			.2	.1											10	10	103	129
54/ 53					.1	.3	.1											5	5	69	98
52/ 51				.1		.3	.1											5	5	29	104
50/ 49				.1	.2													3	3	23	81
48/ 47																				5	65
46/ 45				.1														1	1	9	55
44/ 43																				6	48
42/ 41																				5	27
40/ 39																				2	27
38/ 37																					16
36/ 35																					9
34/ 33																					7
32/ 31																					14
30/ 29																					8
28/ 27																					4
26/ 25																					2
24/ 23																					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												

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

ATA PROCESSING DIVISION
SAF ETAC
IR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

13024 — ROKO AB SPAIN — 58-70 — OCT

PAGE 2 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.6	9.5	16.6	13.5	11.7	11.5	10.5	9.8	6.2	3.9	2.9	2.1	.6	.4	.1			1117	1117	1117	1117

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.	4554758	67926	60.8	19.494	1117							
Dry Bulb	5239253	76139	68.2	6.648	1117			53.8	23.0	5.4		93
Wet Bulb	3942024	66170	59.2	4.497	1117			1.1				93
Dew Point	3150717	58713	52.6	7.607	1117		2.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-69 OCT

STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
80/ 79										.1								1	1		
78/ 77							.1	.2										3	3		
76/ 75							.4	.2	.2									9	9		
74/ 73					.1	.2	.2	.5	.3	.1								15	15		
72/ 71				.1	.7	.7	1.0	1.1	.2	.1								43	43		
70/ 69			.3	1.1	1.3	2.0	.7	.5	.3	.1	.1							70	70		
68/ 67		.3	1.9	1.7	2.5	1.6	.8	.3	.5									107	107		
66/ 65	.1	2.0	4.7	3.4	2.2	2.4	.8	.4	.2									182	182	19	4
64/ 63	.3	3.7	7.[illegible]	3.1	1.4	1.7	.4	.5	.1									203	203	104	23
62/ 61	.2	4.1	5.2	1.8	1.5	1.9	.3											167	167	160	77
60/ 59	.3	3.8	3.9	1.2	1.8	.5	.2											130	130	221	131
58/ 57	.1	1.9	2.9	.9	.4	.6	.1											77	77	201	153
56/ 55	.1	.9	1.[illegible]	.6	.5	.1	.2											38	38	135	156
54/ 53	.1	.9	.6	.4	.5	.2												31	31	105	127
52/ 51		.1	.4	.2		.4												12	12	72	100
50/ 49		.1	.1	.3	.2	.3												10	10	36	71
48/ 47		.1		.3	.2	.1												7	7	25	80
46/ 45			.2	.2	.1	.1												6	6	7	55
44/ 43				.2	.1													3	3	6	38
42/ 41				.1	.1													2	2	12	15
40/ 39																				8	26
38/ 37																				4	15
36/ 35																					14
34/ 33																				1	6
32/ 31																					9
30/ 29																					10
26/ 25																					2
24/ 23																					2
22/ 21																					1
20/ 19																					1
TOTAL	1.1	17.7	28.2	15.5	13.7	12.7	5.1	3.8	1.7	.4	.1							1116	1116		1116
																		1116		1116	

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.	5923752	79282	71.0	10.167	1116							
Dry Bulb	4449811	70219	62.9	5.324	1116			20.7	2.3			93
Wet Bulb	3671172	63766	57.1	4.985	1116							93
Dew Point	3132330	58750	52.6	7.319	1116		2.1					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

13024 — STATION
MORON AB SPAIN — STATION NAME
58-69 — YEARS
NOV — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
68/ 67					.2													2	2		
66/ 65		1.0	.1	.1			.1											14	14	6	2
64/ 63		.6	.1		.3		.1											11	11	9	8
62/ 61	.5	1.5	.7	.5	.2													35	35	13	12
60/ 59	1.3	3.8	1.3	.5	.4													78	78	35	26
58/ 57	.2	4.5	2.3	.3	.5													80	80	56	41
56/ 55	.7	6.4	3.8	.8	.6													133	133	91	54
54/ 53	.4	5.6	5.4	1.3	.4													140	140	105	91
52/ 51	.7	7.2	3.2	.9	.2													131	131	133	82
50/ 49	1.0	6.8	2.5	.6	.7													124	124	157	147
48/ 47	1.3	6.7	1.8	.3	.4	.1												113	113	128	143
46/ 45	1.0	5.9	.7	.6	.1													88	88	131	117
44/ 43	.7	2.5	1.1	.2														49	49	72	114
42/ 41		1.4	.9	.3														28	28	50	73
40/ 39	.1	.7	.7															16	16	38	48
38/ 37		.7	.7															15	15	11	33
36/ 35		.2	1.3															16	16	14	16
34/ 33		.2	.1															3	3	20	12
32/ 31																				7	18
30/ 29																					24
28/ 27																					13
26/ 25																					1
24/ 23																					1
TOTAL	8.0	55.5	26.3	6.2	3.7	.1	.2												1076		1076
																	1076		1076		

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.	7891314	91450	85.0	10.517	1076							
Dry Bulb	2894608	55418	51.5	6.128	1076			.2				90
Wet Bulb	2643761	52917	49.2	6.201	1076		.6					90
Dew Point	2429331	50559	47.0	7.188	1076		4.8					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | NOV 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		.7	.1	.2		.1												12	12	6	4
64/ 63		.5		.1														6	6	4	4
62/ 61	.5	.9	.3	.2	.5													25	25	13	9
60/ 59	1.1	2.7	1.2	.6	.1													62	62	28	26
58/ 57	.6	3.6	1.5	.4	.2													68	68	51	31
56/ 55	1.1	4.4	3.8	.6	.2													108	108	71	53
54/ 53	1.1	5.4	2.9	.6														108	108	86	60
52/ 51	.8	7.1	3.2	.3														124	124	119	87
50/ 49	1.3	6.7	2.1	.5	.3													117	117	135	135
48/ 47	.9	7.2	1.4	.2	.2	.1												108	108	131	116
46/ 45	1.7	6.3	1.4	.4														105	105	113	142
44/ 43	1.8	3.9	1.2	.6	.1													81	81	105	100
42/ 41	1.0	4.0	.7	.6														68	68	72	87
40/ 39	.4	2.5	.4	.2														37	37	52	55
38/ 37		.7	.6															15	15	37	58
36/ 35		.8	1.1															21	21	20	31
34/ 33		.7	.1															9	9	16	14
32/ 31		.3																3	3	15	17
30/ 29																				3	18
28/ 27																					26
26/ 25																					4
TOTAL	12.3	58.6	22.1	5.3	1.5	.2													1077		1077
																		1077		1077	

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.	8182546	93296	86.6	9.674	1077							
Dry Bulb	2724708	53706	49.9	6.580	1077		.3					90
Wet Bulb	2514864	51560	47.9	6.573	1077		1.5					90
Dew Point	2329419	49443	45.9	7.429	1077		3.4					90

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | NOV MONTH

 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
66/ 65		1.2		.1	.1			.1										16	16	6	2
64/ 63		.7			.2	.2												12	12	10	12
62/ 61	.1	.9	.5	.1	.2													19	19	6	8
60/ 59	.5	2.3	.6	.5	.2													46	46	22	15
58/ 57	.5	4.5	1.8	.5	.1													80	80	45	32
56/ 55	.6	3.4	2.5	.9	.1	.1												83	83	79	44
54/ 53	1.5	4.9	3.3	.5														112	112	78	73
52/ 51	1.1	6.7	3.5	.2	.1	.1	.1											129	129	116	76
50/ 49	1.2	7.4	2.8	.3	.1	.1												130	130	144	126
48/ 47	1.4	5.1	1.4	.2														88	88	131	141
46/ 45	1.8	6.4	1.4	.2	.1													108	108	105	127
44/ 43	2.0	5.1	1.7	.4	.1													102	102	108	115
42/ 41	.9	3.9	.9	.1														64	64	69	78
40/ 39	.4	3.8	.9	.3														59	59	74	59
38/ 37		1.0	.5															17	17	48	64
36/ 35		.9	.6															17	17	19	45
34/ 33		.8	.4															13	13	21	20
32/ 31		.5																5	5	16	18
30/ 29		.1																1	1	3	14
28/ 27																				1	25
26/ 25																					6
24/ 23																					1
TOTAL	12.0	59.4	22.7	4.1	1.2	.5	.1	.1										1101	1101	1101	1101

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.	8446117	95839	87.0	9.704	1101							90
Dry Bulb	2736453	54375	49.4	6.811	1101		.5					90
Wet Bulb	2528494	52240	47.4	6.730	1101		1.6					90
Dew Point	2346938	50158	45.6	7.501	1101		5.2					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-70 (YEARS) NOV (MONTH)

 0900-1100 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
78/ 77												.1	.1					2	2		
76/ 75						.1			.1									2	2		
74/ 73							.1		.1	.1		.2						5	5		
72/ 71				.1	.1		.1	.3		.1								7	7		
70/ 69			.4	.2	.4	.5	.1			.1								19	19		
68/ 67		.5	.5	.4	.5	.3	.7	.2		.2								37	37	3	
66/ 65		.8	.4	1.1	.9	.7	.3		.1									48	48	17	8
64/ 63		.8	1.6	1.8	1.3	1.0	.3	.1										77	77	16	15
62/ 61		2.2	1.8	2.0	1.1	.4	.3											87	87	26	10
60/ 59		2.5	3.9	4.0	1.5	.5	.2	.2										145	145	86	32
58/ 57	.3	2.0	4.8	3.1	1.0	.4	.1	.1										133	133	97	56
56/ 55	.4	3.5	5.6	2.0	1.2	.4												150	150	134	82
54/ 53	.8	3.6	5.0	1.8	.7	.2												138	138	179	87
52/ 51	.6	3.7	3.1	.9	.9	.2												106	106	174	148
50/ 49	.4	1.8	2.2	1.4	.3													68	68	137	164
48/ 47	.2	1.8	1.5	.9	.4													54	54	97	146
46/ 45		1.8	.6	.6	.2													37	37	71	110
44/ 43		.4	.4	.3														12	12	53	80
42/ 41		.2	.6															9	9	20	61
40/ 39			.2															2	2	18	37
38/ 37																				9	27
36/ 35																				1	25
34/ 33																					19
32/ 31																					22
30/ 29																					6
28/ 27																					2
26/ 25																					1
TOTAL	2.5	25.7	32.6	20.4	10.3	4.6	2.0	.8	.3	.4		.3	.1					1138	1138	1138	1138

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.	67152 65	85895	75.5	14.284	1138							
Dry Bulb	36889 15	64401	56.6	6.247	1138			5.7	.7			90
Wet Bulb	31388 89	59435	52.2	5.503	1138			.2				90
Dew Point	27189 33	55073	48.4	6.872	1138		2.3					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dr, Bulb	Wet Bulb	Dew Point
84/ 83														.4				5	5		
82/ 81													.1	.4				5	5		
80/ 79											.1	.2		.1				4	4		
78/ 77								.3	.1	.1	.1	.2	.2	.1				11	11		
76/ 75					.1	.1	.1	.3	.4	.3	.1							15	15		
74/ 73				.1	.3	.4	.4	.2	.7	.2								25	25		
72/ 71				.2	.5	.8	.5	.6	.6									37	37		
70/ 69			.7	.4	.7	1.8	1.9	1.1	.3									80	80		
68/ 67		.4	.4	1.1	2.5	2.2	1.9	.7	.4									108	108	6	
66/ 65		.4	1.5	1.1	2.3	2.3	.9	.4	.1									100	100	21	6
64/ 63		.7	1.5	2.5	3.0	2.2	1.1	.7										132	132	25	15
62/ 61	.1	1.1	2.1	4.9	4.0	2.0	.8	.2										173	173	80	20
60/ 59		1.7	2.7	4.6	3.6	1.5	.6	.4										171	171	122	35
58/ 57	.1	1.1	2.4	2.9	1.8	1.3	1.0	.1										120	120	180	57
56/ 55	.2	1.0	2.6	1.2	1.4	.5	.4											83	83	224	91
54/ 53	.4	1.3	.6	.6	.9	.3												46	46	182	114
52/ 51	.1	.3		.1	.6	.1												13	13	140	144
50/ 49		.1	.1		.2													4	4	61	182
48/ 47		.1			.2													3	3	53	125
46/ 45				.1														1	1	26	107
44/ 43																				10	47
42/ 41																				4	48
40/ 39																				2	41
38/ 37																					24
36/ 35																					35
34/ 33																					14
32/ 31																					15
30/ 29																					11
28/ 27																					2
26/ 25																					1
TOTAL	.8	8.0	14.6	19.7	21.9	15.5	9.7	4.8	2.6	.5	.3	.4	.3	1.0				1136	1136	1136	1136

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.	4808871	71579	63.0	16.222	1136							
Dry Bulb	4506316	71238	62.7	5.863	1136			23.0	3.1	.9		90
Wet Bulb	3483491	62693	55.2	4.362	1136			.3				90
Dew Point	2776636	53596	48.9	7.009	1136		2.3					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | HURON AB SPAIN STATION NAME | 58-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
84/ 83												.1							1	1		
82/ 81											.1			.3	.1				5	5		
80/ 79										.1	.1			.1					3	3		
78/ 77								.4		.1	.3	.2							10	10		
76/ 75								.7	.2	.5	.1	.1							18	18		
74/ 73					.1	.4	.6	.5	.5	.2									25	25		
72/ 71			.1	.4	.5	.9	.5	1.0	.4	.3									43	43		
70/ 69			.8	.4	.6	1.4	2.0	.5	.6	.4	.1								75	75		
68/ 67		.3	.4	.8	1.5	2.2	1.6	.8	.4										87	87	5	1
66/ 65		.4	.0	1.6	1.8	3.2	1.1	.5	.6										109	109	18	6
64/ 63		1.5	1.7	2.5	3.2	2.4	1.5	.9											151	151	27	10
62/ 61		1.3	2.0	3.2	4.2	2.3	.7	.5	.2										157	157	79	19
60/ 59		1.2	2.5	5.3	3.5	1.5	.5	.3											162	162	113	36
58/ 57		2.4	2.3	2.1	1.5	1.0	1.0	.1											114	114	176	57
56/ 55	.2	2.0	2.1	.8	1.2	1.2	.2												84	84	208	94
54/ 53		1.3	.8	.2	.2	.7	.1												36	36	192	109
52/ 51		.5	.4	.1	.4	.4													18	18	137	152
50/ 49																					62	124
48/ 47					.1	.1													2	2	37	148
46/ 45																					32	94
44/ 43				.1															1	1	12	59
42/ 41																						48
40/ 39																					2	37
38/ 37																					1	25
36/ 35																						23
34/ 33																						28
32/ 31																						16
30/ 29																						6
28/ 27																						5
26/ 25																						3
24/ 23																						1
TOTAL	.2	10.6	13.6	17.4	18.7	17.5	9.8	6.3	2.8	1.5	.6	.4		.4	.1					1101		1101
																			1101		1101	

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.	4628776	68872	62.6	17.070	1101							
Dry Bulb	4376478	69112	62.8	5.734	1101			21.8	5.1	.6		90
Wet Bulb	3369344	60704	55.1	4.553	1101			.4				90
Dew Point	2672034	53696	48.7	7.209	1101		2.5	.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

13024 STATION — MORON AB SPAIN STATION NAME — 58-69 YEARS — NOV MONTH

 1800-2000 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75									.1									1	1		
72/ 71						.1	.1		.2									4	4		
70/ 69				.1	.5	.2	.4	.1										13	13		
68/ 67		.7	.1		.6	.5	.5	.3										29	29		
66/ 65		.9	.5	.8	.3	.5	.2	.4										38	38	10	2
64/ 63		1.2	1.4	1.2	.7	.6	.4	.2										62	62	14	16
62/ 61	.6	1.9	2.5	3.0	1.6	.6	.4	.3										115	115	31	15
60/ 59	.4	4.4	2.6	2.4	2.0	.7	.4	.1										140	140	73	27
58/ 57		4.3	5.6	3.2	1.1	.4	.3	.1										161	161	110	59
56/ 55	.6	4.7	6.2	3.0	.8	.6		.1										173	173	141	101
54/ 53	.3	4.6	5.1	1.3	.6	.2	.2											132	132	193	89
52/ 51	.5	2.2	3.9	1.0	.6	.5												93	93	177	149
50/ 49	.1	1.7	2.3	.6	.9													61	61	120	148
48/ 47		.7	.9	.3	.3													24	24	83	148
46/ 45		.6	.4	.7														19	19	60	99
44/ 43		.1	.1	.6														8	8	26	59
42/ 41			.3	.1														4	4	19	41
40/ 39			.3															3	3	14	30
38/ 37																				5	25
36/ 35																				4	12
34/ 33																					26
32/ 31																					23
30/ 29																					8
28/ 27																					2
22/ 21																					1
TOTAL	2,3	28,1	32,0	18,3	10,0	4,8	2,7	1,5	,3										1080		1080
																		1080		1080	

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.	6420392	81788	75,7	14,498	1080							
Dry Bulb	3520032	61442	56,9	8,321	1080			3,9	,1			90
Wet Bulb	3017295	56813	52,6	8,154	1080							90
Dew Point	2624030	52708	48,8	6,961	1080		2,8					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | NOV MONTH

PAGE 1 | 2100-2300 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
70/ 69					.2			.1										3	3		
68/ 67		.2	.1		.1	.1												5	5		
66/ 65		.6	.1	.3	.2	.3	.3											19	19	6	5
64/ 63	.1	.7	.2	.5	.1	.2												19	19	14	6
62/ 61	.5	1.9	1.4	.7	.5	.3	.1	.1										59	59	12	14
60/ 59	1.0	5.5	2.2	.7	.6	.1	.1											111	111	50	29
58/ 57		4.9	2.0	1.4	.5		.3											98	98	86	50
56/ 55	.9	5.3	4.8	1.6	.9	.3	.2											151	151	108	81
54/ 53	.3	6.7	5.0	2.1	.4	.3			.1									160	160	109	82
52/ 51	.3	7.3	4.3	.7	.4	.5												145	145	152	106
50/ 49	.6	4.5	3.4	.2	.4		.1											99	99	154	145
48/ 47	.7	4.4	2.1	.2														80	80	145	123
46/ 45	.5	2.6	1.7	.3														54	54	97	141
44/ 43	.2	1.5	.7	.3														31	31	61	92
42/ 41		.6	1.2	.1														20	20	27	69
40/ 39		.1	1.1															13	13	20	38
38/ 37			.9															10	10	15	19
36/ 35		.2	.1															3	3	11	17
34/ 33																				13	15
32/ 31																					21
30/ 29																					24
28/ 27																					1
18/ 17																					1
14/ 13																					1
TOTAL	5.0	46.9	31.4	9.3	4.2	1.9	1.0	.2	.1										1080		1080
																	1080			1080	

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.	7447707	88711	82.1	12.215	1080							
Dry Bulb	3109355	57609	53.3	5.807	1080			.7				90
Wet Bulb	2782741	54497	50.4	5.843	1080							90
Dew Point	2516444	51356	47.7	7.139	1080		4.0					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

13024 STATION | MURCIA AB SPAIN STATION NAME | 58-69 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
64/ 63		.1	.1															2	2		
62/ 61	.1	.7		.2														11	11	2	2
60/ 59	.4	1.4	.4			.2												26	26	17	10
58/ 57	.5	2.2	.4	.2	.1													38	38	27	21
56/ 55	.5	3.9	1.2	.3	.1													66	66	38	30
54/ 53	.5	4.0	1.3	.4	.1													71	71	54	47
52/ 51	1.2	5.1	2.1	.6	.1													101	101	74	57
50/ 49	1.0	7.4	1.3	.1														110	110	111	82
48/ 47	1.2	8.8	1.7															130	130	113	95
46/ 45	1.1	7.2	1.6	.2														112	112	139	130
44/ 43	1.0	5.9	1.3															92	92	105	105
42/ 41	1.9	5.3	1.3	.3														97	97	111	108
40/ 39	.8	3.9	2.0	.3														78	78	82	105
38/ 37	1.2	3.8	1.1															67	67	65	82
36/ 35	.3	3.4	1.0	.3														55	55	76	51
34/ 33	.2	1.6	.4															25	25	39	72
32/ 31	.2	1.3		.1														18	18	31	32
30/ 29	.2	.5	.2															10	10	17	31
28/ 27	.4	.1	.1															6	6	10	20
26/ 25																				3	23
24/ 23		.1																1	1	1	4
22/ 21																				1	2
20/ 19																					1
18/ 17																					2
16/ 15																					2
14/ 13																					2
TOTAL	12.5	66.8	17.5	2.8	.4	.2													1116		1116
																		1116		1116	

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.	8631709	97645	87.5	8.894	1116							
Dry Bulb	2419332	51350	46.0	7.124	1116		2.9					93
Wet Bulb	2246468	49438	44.3	7.111	1116		5.3					93
Dew Point	2076472	47524	42.6	7.906	1116		9.9					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

13024 STATION | MORON AB SPAIN STATION NAME | 58-69 YEARS | DEC 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
62/ 61		.7		.1														9	9	3	3
60/ 59	.1	1.9	.4	.2														27	27	14	6
58/ 57	.1	1.8	.6															28	28	21	21
56/ 55	.1	1.9	1.3	.4														42	42	24	21
54/ 53	1.1	4.0	1.3	.1														73	73	58	30
52/ 51	.8	3.4	1.6	.3														70	70	59	63
50/ 49	2.3	7.0	2.2															129	129	109	72
48/ 47	1.7	4.4	1.4															84	84	104	109
46/ 45	1.3	6.5	1.3	.2														103	103	100	89
44/ 43	1.6	6.3	.8															97	97	109	96
42/ 41	3.0	5.9	.7															107	107	123	113
40/ 39	1.9	4.6	1.3															86	86	80	112
38/ 37	1.5	4.7	1.3															83	83	77	86
36/ 35	1.3	4.1	.9															70	70	74	66
34/ 33	.9	2.3	.3	.3														42	42	72	62
32/ 31	.4	1.3	.2															20	20	26	60
30/ 29	.4	2.0																26	26	31	33
28/ 27	.6	.4	.1															12	12	22	25
26/ 25	.3		.2															5	5	4	25
24/ 23																				2	15
22/ 21	.3																	3	3	4	
20/ 19																					3
18/ 17																					4
16/ 15																					2
14/ 13																					
TOTAL	19.5	53.0	15.9	1.5														1116		1116	
																		1116		1116	

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.	8907560	99282	89.0	8.212	1116							
Dry Bulb	2278485	49091	44.0	7.690	1116		8.5					93
Wet Bulb	2132404	48052	43.1	7.341	1116		7.4					93
Dew Point	1985993	46195	41.4	8.137	1116		13.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | [illegible]ORON AB SPAIN STATION NAME | 58-70 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61	.1	.6	.1	.1	.1													11	11	2	1
60/ 59	.2	1.5	.2	.1														22	22	16	10
58/ 57	.3	1.7	1.1		.1													35	35	19	19
56/ 55	.1	1.5	1.1	.3														33	33	25	16
54/ 53	1.0	3.7	1.5	.2														77	72	49	33
52/ 51	1.6	3.8	.9	.3														74	74	68	60
50/ 49	1.8	4.8	.8	.1														86	86	99	81
48/ 47	1.8	5.0	.9	.3														90	90	70	95
46/ 45	1.1	5.8	.7	.1														87	87	96	67
44/ 43	1.7	7.7	1.1															120	120	98	83
42/ 41	2.5	5.1	.9	.3														100	100	132	101
40/ 39	2.8	5.0	1.2															103	103	91	127
38/ 37	2.1	3.6	.5	.1														72	72	103	96
36/ 35	1.2	4.2	1.0	.3														76	76	58	71
34/ 33	1.3	4.5	.6															73	73	86	74
32/ 31	.9	2.1	.3															37	37	53	75
30/ 29	.1	1.6																19	19	31	45
28/ 27	.8	.6	.2															18	18	27	23
26/ 25	.3		.1															4	4	6	26
24/ 23	.3	.1																4	4	6	17
22/ 21	.2	.1																3	3	4	7
18/ 17																					6
16/ 15																					1
14/ 13																					3
TOTAL	21.9	62.9	13.0	1.9	.2													1139	1139	1139	1139

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	9136119	101549	89.2	8.508	1139
Dry Bulb	2242656	49724	43.7	7.949	1139
Wet Bulb	2103190	48132	42.3	7.797	1139
Dew Point	1956917	46225	40.6	8.433	1139

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		6.9					93
Wet Bulb		10.4					93
Dew Point		16.7					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

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		.1	.3	.2	.3	.2	.1											12	12		
62/ 61	.1	1.0	.7	.8	.2	.2	.1											35	35	7	3
60/ 59		1.7	.9	.2	.7	.1												42	42	15	9
58/ 57	.3	2.6	2.3	1.2	.7	.2												86	86	44	23
56/ 55	.3	2.8	3.1	2.5	.3	.1												109	109	62	39
54/ 53	.3	3.6	4.1	1.3	.7	.2												118	118	75	56
52/ 51	.4	4.0	4.6	1.5	.3	.3												132	132	118	68
50/ 49	.8	4.1	5.1	1.8	.7	.1												147	147	145	101
48/ 47	1.0	3.4	3.2	.8	.8													108	108	141	103
46/ 45	.6	5.2	2.9	1.1	.3	.1												120	120	135	134
44/ 43	.8	4.3	2.1	.8		.1												96	96	125	142
42/ 41	1.0	2.4	1.5	.5	.1													65	65	117	121
40/ 39	.8	1.8	.5	.1	.1													39	39	71	121
38/ 37	.2	1.9	.6	.1														32	32	48	66
36/ 35	.4	1.0	.3	.2	.1													23	23	35	60
34/ 33		.3	.3	.1														8	8	18	41
32/ 31		.5																6	6	16	30
30/ 29		.2	.2															4	4	6	29
28/ 27	.1																	1	1	3	17
26/ 25																				2	7
24/ 23																					4
22/ 21																					1
20/ 19																					2
18/ 17																					3
16/ 15																					1
14/ 13																					1
12/ 11																					1
TOTAL	7.1	60.7	32.5	13.0	5.1	1.4	.2												1183		1183
																		1183		1183	

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.	7887944	93464	80,7	18,487	1183							
Dry Bulb	2939970	58448	49,4	6,648	1183		,9					93
Wet Bulb	2601464	54982	46,5	6,368	1183		2,1					93
Dew Point	2296437	51363	43,4	7,496	1183		7,5					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

13024 STATION — MORON AB SPAIN STATION NAME — 58-70 YEARS — DEC MONTH

PAGE 1 — 1200-1400 WBAN OR WMO

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 W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt.
72/ 71								.1										1	1		
70/ 69								.2	.1									3	3		
68/ 67				.1	.1		.3	.1	.2									8	8		
66/ 65			.3	.2	.8	.5	.3	.3										29	29		
64/ 63		.3	.5	1.9	1.3	1.3	.8	.1										71	71		
62/ 61	.1	.6	1.4	3.1	2.0	1.9	.4											112	112	13	2
60/ 59	.2	1.8	2.7	4.0	3.4	1.0	.3	.1										159	159	23	13
58/ 57	.2	2.1	2.9	4.9	3.6	1.9	.8	.2										195	195	91	27
56/ 55	.3	1.4	4.6	5.3	2.1	1.4	.6											186	186	124	51
54/ 53	.2	1.0	3.2	3.7	1.8	1.0	.3											132	132	158	72
52/ 51	.3	1.8	2.6	2.6	1.4	.6												110	110	211	96
50/ 49	.3	.9	2.4	1.9	1.5	.5	.2											91	91	171	125
48/ 47		.8	1.3	1.0	.3	.2	.1											40	40	131	144
46/ 45	.2	.6	.3	.3	.2	.2												20	20	116	148
44/ 43		.3	.1	.1	.2													7	7	68	115
42/ 41		.2	.1	.2		.2												7	7	35	97
40/ 39		.3																3	3	16	91
38/ 37	.1				.1													2	2	11	56
36/ 35		.1																1	1	5	36
34/ 33																				1	32
32/ 31																				2	20
30/ 29																				1	29
28/ 27																					8
26/ 25																					6
22/ 21																					1
20/ 19																					1
18/ 17																					5
16/ 15																					1
14/ 13																					1
TOTAL	1.7	12.0	22.2	29.1	18.8	10.6	4.3	1.0	.3										1177		1177
																		1177		1177	

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.	5666116	79818	67.8	14.675	1177							
Dry Bulb	3729726	65984	56.1	5.099	1177			.9				93
Wet Bulb	3020414	59336	50.4	4.975	1177		.2					93
Dew Point	2443930	52940	45.0	7.281	1177		5.7					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

PSYCHROMETRIC SUMMARY

13024 STATION | TORON AB SPAIN STATION NAME | 58-70 YEARS | DEC MONTH

PAGE 1 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.1										1	1		
70/ 69							.3	.2	.1									6	6		
68/ 67				.1	.4	.2	.2	.4	.2									16	16		
66/ 65			.4	.4	.6	.7	.4	.8										37	37		
64/ 63		.2	1.1	1.2	1.4	1.2	1.1	.1										73	73		
62/ 61	.1	.8	1.5	3.0	2.4	1.7	1.1	.1										121	121	9	3
60/ 59	.3	1.9	3.2	3.3	4.6	1.8	.8	.3										185	185	44	10
58/ 57	.2	2.4	3.7	3.9	3.9	1.5	.6	.2										187	187	86	35
56/ 55	.4	2.0	3.5	3.9	2.2	1.3	.6											158	158	144	52
54/ 53	.3	1.1	3.1	4.3	1.8	1.3	.4											138	138	164	90
52/ 51	.2	1.4	3.2	2.4	1.0	.6												100	100	185	98
50/ 49	.1	.6	1.9	1.0	1.0	.7	.2											51	51	169	104
48/ 47	.2	1.0	1.0	.4	.7													36	36	138	143
46/ 45		.3	.4	.4	.1	.4												17	17	89	117
44/ 43			.1	.1		.3												5	5	47	116
42/ 41		.2	.3		.1	.1												7	7	35	118
40/ 39		.4																4	4	15	77
38/ 37																				9	51
36/ 35																				4	27
34/ 33																				3	34
32/ 31																				1	23
30/ 29																					13
28/ 27																					12
26/ 25																					6
24/ 23																					3
22/ 21																					1
20/ 19																					2
18/ 17																					3
16/ 15																					1
14/ 13																					3
TOTAL	1.6	12.1	22.3	24.2	20.0	11.8	5.7	2.1	.3									1142	1142	1142	1142

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.	5417620	76608	67.1	15.625	1142							
Dry Bulb	3705913	64795	56.7	9.090	1142			1.9				93
Wet Bulb	2982266	58086	50.9	4.937	1142		.1					93
Dew Point	2400870	51658	45.2	7.497	1142		3.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13024 STATION | MORON AB SPAIN STATION NAME | 58-70 YEARS | DEC MONTH

PAGE 1 | 1800-2000 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
64/ 63		.1	.2		.1		.2	.1										7	7		
62/ 61	.2	.4	.9	.4	.2		.1											24	24	4	1
60/ 59	.2	2.5	2.2	.8	.1		.1											66	66	16	11
58/ 57	.1	3.8	2.8	.9	.7	.3												96	96	44	22
56/ 55	.4	5.9	3.9	1.6	.7	.2												143	143	98	57
54/ 53	.7	4.8	4.7	2.1	.5	.1												146	146	116	75
52/ 51	.7	4.3	5.3	2.3	.7													149	149	109	113
50/ 49	.3	5.1	6.2	1.7	.4	.2												154	154	147	94
48/ 47	.2	3.8	3.8	1.8	.4													104	104	161	110
46/ 45	.4	3.3	1.8	1.2	.4													79	79	138	132
44/ 43	.4	2.1	1.8	.9	.1													58	58	93	122
42/ 41	.2	1.3	1.0	.4														32	32	62	98
40/ 39	.2	1.0	.9	.3	.4													31	31	55	75
38/ 37		1.3	.2	.1														17	17	31	62
36/ 35	.1	.4	.2	.1														8	8	27	51
34/ 33		.2	.1															3	3	5	28
32/ 31																				10	27
30/ 29																				1	18
28/ 27																					10
26/ 25																					3
22/ 21																					3
20/ 19																					1
18/ 17																					2
16/ 15																					1
14/ 13																					1
TOTAL	4.0	40.3	35.2	14.6	4.7	.7	.4	.1											1117		1117
																		1117		1117	

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.	7316993	89449	80.1	11.745	1117							
Dry Bulb	2952939	57075	51.1	5.726	1117							93
Wet Bulb	2612672	53624	48.0	5.861	1117		.9					93
Dew Point	2313156	50174	44.9	7.296	1117		5.5					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

PSYCHROMETRIC SUMMARY

13024 MORON AB SPAIN 58-69 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65							.1	.2										3	3		
64/ 63			.1		.1	.1												3	3		
62/ 61		.4	.1	.1			.1											8	8		
60/ 59	.4	2.1	.4	.2														34	34	14	9
58/ 57		2.9	1.0		.1													44	44	31	17
56/ 55	.4	5.2	2.4	.5	.2													98	98	56	37
54/ 53	.9	5.6	1.9	1.1	.3													108	108	78	72
52/ 51	.6	5.9	2.4	1.4														116	116	104	66
50/ 49	.7	7.6	3.0	.2														128	128	105	114
48/ 47	.9	7.4	3.0	.3														130	130	151	83
46/ 45	.8	5.5	2.6	.2														101	101	150	132
44/ 43	.5	4.2	1.2	.2														68	68	80	126
42/ 41	1.0	4.5	1.6	.4														84	84	99	84
40/ 39	.8	4.1	2.2	.5														86	86	55	113
38/ 37	.4	2.2	.6	.2	.2													41	41	78	68
36/ 35		2.2	.2	.2														28	28	43	48
34/ 33	.1	2.2	.2	.2														29	29	34	52
32/ 31		.3																3	3	27	22
30/ 29		.2																2	2	7	40
28/ 27																				2	19
26/ 25		.2																2	2	1	5
24/ 23																				1	2
22/ 21																					1
18/ 17																					3
16/ 15																					3
TOTAL	7.7	62.5	22.8	5.6	.8	.1	.2	.2											1116		1116
																		1116		1116	

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.	8283065	95537	85.6	9.707	1116							
Dry Bulb	2594896	53280	47.7	6.776	1116		.6					93
Wet Bulb	2377468	50962	45.7	6.716	1116		3.2					93
Dew Point	2175798	48546	43.5	7.379	1116		7.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13024 MURON AB SPAIN 58-70

STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	46.6	47.3	50.4	52.9	58.9	64.4	69.4	70.9	67.2	59.9	51.5	46.0	57.1
	S D	7.239	6.227	5.733	5.001	5.349	5.353	4.561	4.519	5.372	5.078	6.128	7.124	10.474
	TOTAL OBS	1116	1014	1197	1146	1140	1080	1116	1118	1080	1117	1076	1116	13316
03-05	MEAN	45.2	45.7	48.3	50.6	56.0	61.6	65.8	67.1	64.0	57.8	49.9	44.5	54.7
	S D	7.799	6.724	6.226	5.235	5.448	5.214	4.605	4.696	5.433	5.350	6.580	7.690	10.019
	TOTAL OBS	1116	1016	1197	1146	1140	1080	1116	1116	1080	1117	1077	1116	13317
06-08	MEAN	44.3	44.9	48.2	52.1	59.4	65.5	69.5	69.2	64.8	57.7	49.4	43.7	55.7
	S D	8.159	7.100	6.215	5.527	6.174	6.071	5.832	5.568	5.931	5.795	6.911	7.949	11.431
	TOTAL OBS	1138	1038	1197	1149	1165	1124	1138	1140	1101	1137	1101	1139	13568
09-11	MEAN	49.8	52.0	56.6	61.8	70.1	75.7	81.6	81.7	76.2	67.3	56.6	49.4	65.0
	S D	6.658	5.941	5.486	5.881	7.479	7.533	6.140	6.253	7.030	6.454	6.247	6.648	13.321
	TOTAL OBS	1179	1078	1197	1149	1176	1146	1182	1183	1143	1184	1138	1183	13938
12-14	MEAN	56.9	58.8	62.5	67.4	76.3	82.5	89.8	90.1	83.7	73.9	62.7	56.1	71.8
	S D	4.929	5.364	5.990	6.798	8.763	8.628	6.120	6.366	7.723	7.068	5.863	5.099	13.869
	TOTAL OBS	1179	1080	1197	1148	1176	1146	1182	1180	1143	1182	1136	1177	13926
15-17	MEAN	58.0	59.8	63.5	68.5	77.7	84.2	92.1	92.5	85.0	74.6	62.8	56.7	73.0
	S D	4.725	5.897	6.457	7.440	9.127	8.882	6.221	6.593	7.979	7.682	5.734	5.090	14.448
	TOTAL OBS	1137	1034	1183	1103	1137	1105	1139	1142	1105	1146	1101	1142	13474
18-20	MEAN	52.2	54.4	58.4	63.2	71.8	78.4	85.5	85.7	78.3	68.2	56.9	51.1	67.0
	S D	5.415	5.593	5.984	7.003	8.376	8.719	7.085	7.380	7.830	6.648	5.321	5.726	14.020
	TOTAL OBS	1116	1014	1178	1080	1116	1080	1116	1117	1082	1117	1080	1117	13213
21-23	MEAN	48.6	49.8	53.0	56.5	63.3	68.8	74.5	75.6	70.9	62.9	53.3	47.7	60.4
	S D	6.390	5.636	5.344	5.025	6.048	6.249	5.342	5.279	5.816	5.324	5.807	6.776	11.396
	TOTAL OBS	1116	1014	1176	1080	1115	1080	1116	1116	1080	1116	1080	1116	13209
ALL HOURS	MEAN	50.2	51.7	55.1	59.1	66.7	72.7	78.6	79.2	73.9	65.4	55.4	49.5	63.2
	S D	8.096	8.096	8.229	8.961	10.676	10.886	11.081	10.902	10.255	8.914	7.858	8.060	14.182
	TOTAL OBS	9097	8288	9522	9001	9165	8841	9109	9112	8814	9117	8789	9106	107957

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13024 (STATION) MUROM AB SPAIN (STATION NAME) 58-70 (YEARS)

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	45.0	45.3	47.8	50.0	54.5	58.9	61.8	62.2	60.3	55.5	49.2	44.3	52.9
	S D	7.176	6.237	5.419	4.712	4.290	3.674	3.875	3.785	4.416	5.230	6.201	7.111	8.378
	TOTAL OBS	1116	1014	1197	1146	1140	1080	1116	1118	1080	1117	1076	1116	13316
03-05	MEAN	43.8	43.9	46.2	48.3	52.5	57.2	59.6	59.9	58.3	54.1	47.9	43.1	51.2
	S D	7.611	6.705	5.913	5.108	4.747	3.986	4.218	4.355	4.910	5.586	6.573	7.541	8.427
	TOTAL OBS	1116	1016	1197	1146	1140	1080	1116	1112	1079	1117	1077	1116	13312
06-08	MEAN	42.9	43.3	46.1	49.3	54.5	59.2	61.4	60.9	58.7	53.9	47.4	42.3	51.7
	S D	7.916	7.074	5.940	5.118	4.569	3.752	4.254	4.387	4.836	5.764	6.730	7.797	9.098
	TOTAL OBS	1138	1038	1197	1149	1165	1124	1138	1137	1101	1138	1101	1139	13565
09-11	MEAN	47.0	48.4	51.3	54.5	59.0	62.9	65.8	65.8	63.6	58.8	52.2	46.5	56.4
	S D	6.409	5.669	4.412	4.177	4.038	3.271	3.247	3.222	3.593	4.584	5.503	6.368	8.382
	TOTAL OBS	1179	1078	1197	1149	1176	1146	1182	1183	1143	1184	1138	1183	13938
12-14	MEAN	51.3	52.0	53.9	56.4	60.9	64.6	67.6	67.5	65.2	60.8	55.2	50.4	58.8
	S D	4.872	4.929	4.294	4.221	4.185	3.538	3.344	3.385	3.518	4.143	4.562	4.975	7.437
	TOTAL OBS	1179	1080	1197	1148	1176	1146	1182	1180	1143	1182	1136	1177	13926
15-17	MEAN	51.9	52.4	54.2	56.7	61.2	65.1	68.0	67.7	65.4	60.9	55.1	50.9	59.2
	S D	4.683	4.989	4.274	4.161	4.198	3.719	3.468	3.420	3.698	4.055	4.533	4.937	7.414
	TOTAL OBS	1137	1034	1183	1103	1137	1105	1139	1142	1105	1146	1101	1142	13474
18-20	MEAN	49.0	50.0	52.3	55.1	60.0	63.9	66.8	66.5	64.0	59.2	52.6	48.0	57.3
	S D	5.638	5.252	4.399	4.275	4.212	3.808	3.549	3.548	3.862	4.457	5.154	5.861	8.089
	TOTAL OBS	1116	1014	1178	1080	1116	1080	1116	1117	1082	1117	1080	1117	13213
21-23	MEAN	46.4	47.2	49.6	52.3	56.9	60.9	63.9	64.1	62.0	57.1	50.4	45.7	54.7
	S D	6.445	5.801	4.886	4.160	4.011	3.573	3.500	3.496	3.941	4.985	5.843	6.716	8.271
	TOTAL OBS	1116	1014	1176	1080	1113	1080	1116	1114	1080	1116	1080	1116	13201
ALL HOURS	MEAN	47.2	47.8	50.2	52.8	57.4	61.6	64.4	64.3	62.2	57.6	51.3	46.4	55.3
	S D	7.147	6.726	5.854	5.482	5.286	4.592	4.723	4.673	4.896	5.554	6.382	7.143	8.708
	TOTAL OBS	9097	8288	9522	9001	9163	8841	9105	9103	8813	9117	8789	9106	107945

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13024 (STATION) MURON AB SPAIN (STATION NAME) 58-70 (YEARS)

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	43.3	43.1	45.2	47.4	51.0	55.1	56.7	56.3	55.6	51.9	47.0	42.4	49.6
	S D	7.911	7.116	6.589	5.627	5.603	4.650	5.891	6.203	6.181	7.092	7.188	7.906	8.406
	TOTAL OBS	1116	1014	1197	1146	1140	1080	1116	1118	1080	1117	1076	1116	13316
03-05	MEAN	42.2	41.9	44.1	46.2	49.5	54.0	55.3	54.8	54.3	51.0	45.9	41.4	48.4
	S D	8.213	7.472	6.771	5.928	5.849	4.845	6.021	6.332	6.450	7.210	7.429	8.137	8.520
	TOTAL OBS	1116	1016	1197	1146	1140	1080	1116	1112	1079	1117	1077	1116	13312
06-08	MEAN	41.3	41.4	43.8	46.9	50.6	55.0	56.0	55.2	54.3	50.8	45.6	40.6	48.5
	S D	8.426	7.822	6.842	5.912	5.750	4.649	5.871	6.228	6.257	7.214	7.501	8.433	8.850
	TOTAL OBS	1138	1038	1197	1149	1165	1124	1138	1137	1101	1138	1101	1139	13565
09-11	MEAN	44.1	44.9	46.5	48.5	50.6	54.6	56.2	55.9	55.4	52.5	48.4	43.4	50.1
	S D	7.532	7.025	6.374	6.050	6.626	4.969	5.909	6.272	5.789	6.828	6.872	7.494	7.971
	TOTAL OBS	1179	1078	1197	1149	1176	1146	1182	1183	1143	1184	1138	1183	13938
12-14	MEAN	46.0	45.7	46.3	47.5	49.5	53.2	54.0	53.5	53.6	51.4	48.9	45.0	49.6
	S D	7.486	7.488	7.117	6.537	7.234	5.491	6.521	7.266	6.098	7.377	7.009	7.281	7.685
	TOTAL OBS	1179	1080	1197	1148	1176	1146	1182	1180	1143	1182	1136	1177	13926
15-17	MEAN	46.1	45.6	46.1	47.2	49.0	53.0	53.3	52.1	53.0	51.0	48.7	45.2	49.2
	S D	7.649	7.818	7.446	6.667	7.519	6.002	7.247	7.641	6.549	7.804	7.209	7.497	7.876
	TOTAL OBS	1137	1034	1183	1103	1137	1105	1139	1142	1105	1146	1101	1142	13474
18-20	MEAN	45.8	45.8	46.9	48.6	51.3	54.8	55.4	54.6	54.9	52.6	48.8	44.9	50.4
	S D	7.323	7.188	6.941	6.088	7.025	5.393	7.215	7.447	6.674	7.607	6.961	7.296	7.964
	TOTAL OBS	1116	1014	1178	1080	1116	1080	1116	1117	1082	1117	1080	1117	13213
21-23	MEAN	44.3	44.5	46.3	48.7	52.1	55.7	57.4	56.8	56.2	52.6	47.7	43.5	50.5
	S D	7.441	7.049	6.626	5.413	5.836	4.393	5.574	6.244	6.051	7.319	7.159	7.579	8.202
	TOTAL OBS	1116	1014	1176	1080	1113	1080	1116	1114	1080	1116	1080	1116	13201
ALL HOURS	MEAN	44.2	44.1	45.6	47.6	50.4	54.4	55.5	54.9	54.6	51.7	47.6	43.3	49.5
	S D	7.932	7.557	6.927	6.099	6.537	5.191	6.436	6.881	6.337	7.343	7.273	7.875	8.224
	TOTAL OBS	9097	8288	9522	9001	9163	8841	9105	9103	8813	9117	8789	9106	107945

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS		100.0	100.0	99.7	97.7	93.5	88.1	78.0	61.3	33.4	81.2	9697

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

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RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS						79.5						

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

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RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

STATION STATION NAME PERIOD

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%		
TOTALS												

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

2

RELATIVE HUMIDITY

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%		
TOTALS												

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

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

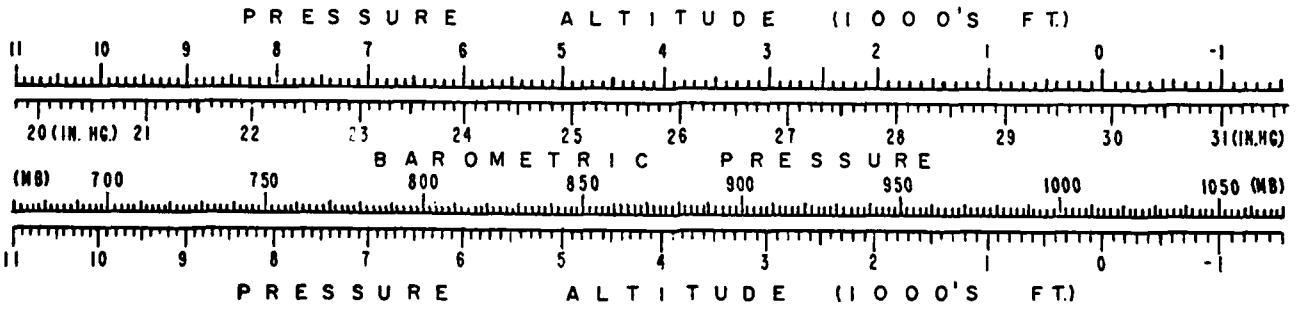
PART F PRESSURE SUMMARY

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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13024 (STATION) MORON AB SPAIN (STATION NAME) 58-63,65-70 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29,795	29,774	29,737	29,701	29,687	29,696	29,684	29,660	29,698	29,712	29,697	29,77[illegible]	29,717
	S D	,223	,238	,202	,155	,120	,077	,064	,061	,087	,131	,196	,236	,167
	TOTAL OBS	310	281	337	322	317	300	310	342	330	341	329	341	3860
03	MEAN	29,784	29,758	29,718	29,680	29,667	29,681	29,672	29,647	29,682	29,695	29,683	29,759	29,702
	S D	,225	,239	,202	,158	,123	,079	,065	,062	,088	,135	,197	,238	,169
	TOTAL OBS	310	281	337	322	318	299	310	341	330	342	329	341	3860
06	MEAN	29,773	29,749	29,715	29,679	29,672	29,686	29,678	29,653	29,684	29,697	29,678	29,751	29,701
	S D	,227	,240	,204	,161	,125	,079	,064	,061	,091	,135	,196	,237	,168
	TOTAL OBS	310	282	337	322	319	300	310	342	328	341	328	341	3860
09	MEAN	29,804	29,783	29,746	29,706	29,699	29,710	29,698	29,674	29,714	29,734	29,716	29,780	29,730
	S D	,217	,238	,208	,165	,128	,083	,065	,062	,091	,139	,196	,240	,169
	TOTAL OBS	331	302	337	325	330	322	332	363	350	364	349	363	4068
12	MEAN	29,809	29,786	29,740	29,696	29,680	29,692	29,681	29,657	29,699	29,720	29,710	29,779	29,720
	S D	,215	,238	,203	,161	,120	,079	,064	,060	,087	,133	,193	,242	,169
	TOTAL OBS	331	303	337	323	330	322	332	363	351	363	348	362	4065
15	MEAN	29,770	29,742	29,699	29,662	29,648	29,659	29,645	29,617	29,657	29,680	29,675	29,741	29,682
	S D	,213	,238	,198	,157	,116	,079	,063	,060	,083	,130	,191	,242	,166
	TOTAL OBS	331	301	337	322	330	323	332	362	351	364	349	361	4063
18	MEAN	29,774	29,739	29,699	29,644	29,634	29,637	29,620	29,594	29,649	29,682	29,675	29,745	29,674
	S D	,216	,234	,193	,141	,114	,074	,064	,056	,082	,125	,193	,238	,166
	TOTAL OBS	310	281	330	300	310	300	310	342	329	342	330	341	3825
21	MEAN	29,791	29,761	29,725	29,675	29,666	29,666	29,650	29,629	29,685	29,706	29,693	29,763	29,701
	S D	,215	,233	,195	,142	,117	,075	,070	,062	,086	,128	,196	,236	,166
	TOTAL OBS	310	281	330	300	310	300	310	341	329	341	330	341	3823
ALL HOURS	MEAN	29,788	29,762	29,723	29,681	29,669	29,679	29,666	29,642	29,684	29,703	29,691	29,761	29,703
	S D	,219	,238	,201	,156	,122	,081	,069	,065	,089	,133	,195	,239	,168
	TOTAL OBS	2543	2312	2682	2536	2564	2406	2566	2796	2698	2798	2692	2791	31424

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13024 — STATION
MIROR AB SPAIN — STATION NAME
58-67 — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.6	1019.7	1018.4	1015.9	1015.8	1016.1	1015.4	1014.7	1015.9	1016.7	1017.3	1018.9	1017.0
	S D	7.205	7.768	7.037	5.067	3.900	2.668	2.120	2.017	2.863	4.276	6.648	8.288	5.673
	TOTAL OBS	279	253	279	269	301	300	310	310	300	310	300	310	3521
03	MEAN	1020.1	1019.3	1017.9	1015.1	1015.1	1015.5	1015.0	1014.3	1015.3	1016.1	1016.8	1018.5	1016.5
	S D	7.389	7.841	7.011	5.187	3.963	2.741	2.107	2.070	2.921	4.412	6.644	8.373	5.745
	TOTAL OBS	279	253	279	269	301	300	310	309	300	310	300	310	3520
06	MEAN	1019.8	1019.1	1017.7	1015.1	1015.4	1015.8	1015.2	1014.5	1015.4	1016.3	1016.7	1018.3	1016.6
	S D	7.492	7.807	7.159	5.237	4.029	2.711	2.106	2.032	2.962	4.432	6.675	8.328	5.718
	TOTAL OBS	279	253	279	269	301	300	310	309	299	310	300	310	3519
09	MEAN	1020.7	1020.0	1018.8	1016.0	1016.2	1016.5	1015.9	1015.2	1016.4	1017.4	1017.8	1019.3	1017.5
	S D	7.429	8.011	7.311	5.340	4.201	2.724	2.143	2.049	3.006	4.561	6.770	8.466	5.820
	TOTAL OBS	279	253	279	270	301	300	310	310	300	310	300	310	3522
12	MEAN	1020.9	1020.1	1018.5	1015.6	1015.5	1015.9	1015.3	1014.6	1015.9	1016.9	1017.5	1019.2	1017.1
	S D	7.313	8.069	7.186	5.183	3.916	2.642	2.086	1.975	2.876	4.346	6.706	8.521	5.833
	TOTAL OBS	279	254	279	270	301	300	310	310	300	310	300	310	3523
15	MEAN	1019.5	1018.6	1017.1	1014.5	1014.3	1014.7	1014.1	1013.3	1014.5	1015.6	1016.3	1017.9	1015.8
	S D	7.193	8.084	6.990	5.094	3.735	2.674	2.119	1.973	2.775	4.234	6.594	8.505	5.736
	TOTAL OBS	279	253	279	270	302	300	310	309	300	310	300	310	3522
18	MEAN	1019.8	1018.6	1017.1	1014.2	1013.9	1014.1	1013.2	1012.4	1014.2	1015.7	1016.5	1018.1	1015.6
	S D	7.084	7.753	6.819	4.837	3.713	2.603	2.128	1.877	2.698	4.124	6.613	8.393	5.762
	TOTAL OBS	279	253	279	270	302	300	310	310	300	310	300	310	3523
21	MEAN	1020.4	1019.4	1017.9	1015.3	1014.9	1015.1	1014.2	1013.6	1015.4	1016.5	1017.1	1018.8	1016.5
	S D	7.028	7.755	6.855	4.840	3.802	2.631	2.303	2.071	2.848	4.155	6.706	8.302	5.721
	TOTAL OBS	279	253	278	270	302	300	310	309	300	310	300	310	3521
ALL HOURS	MEAN	1020.2	1019.4	1017.9	1015.2	1015.1	1015.5	1014.8	1014.1	1015.4	1016.4	1017.0	1018.6	1016.6
	S D	7.272	7.892	7.062	5.125	3.969	2.769	2.292	2.176	2.946	4.352	6.677	8.398	5.762
	TOTAL OBS	2232	2025	2231	2157	2411	2400	2480	2476	2399	2480	2400	2480	28171

END

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