AD-A186 769 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS ..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 13 AUG 87 1/3

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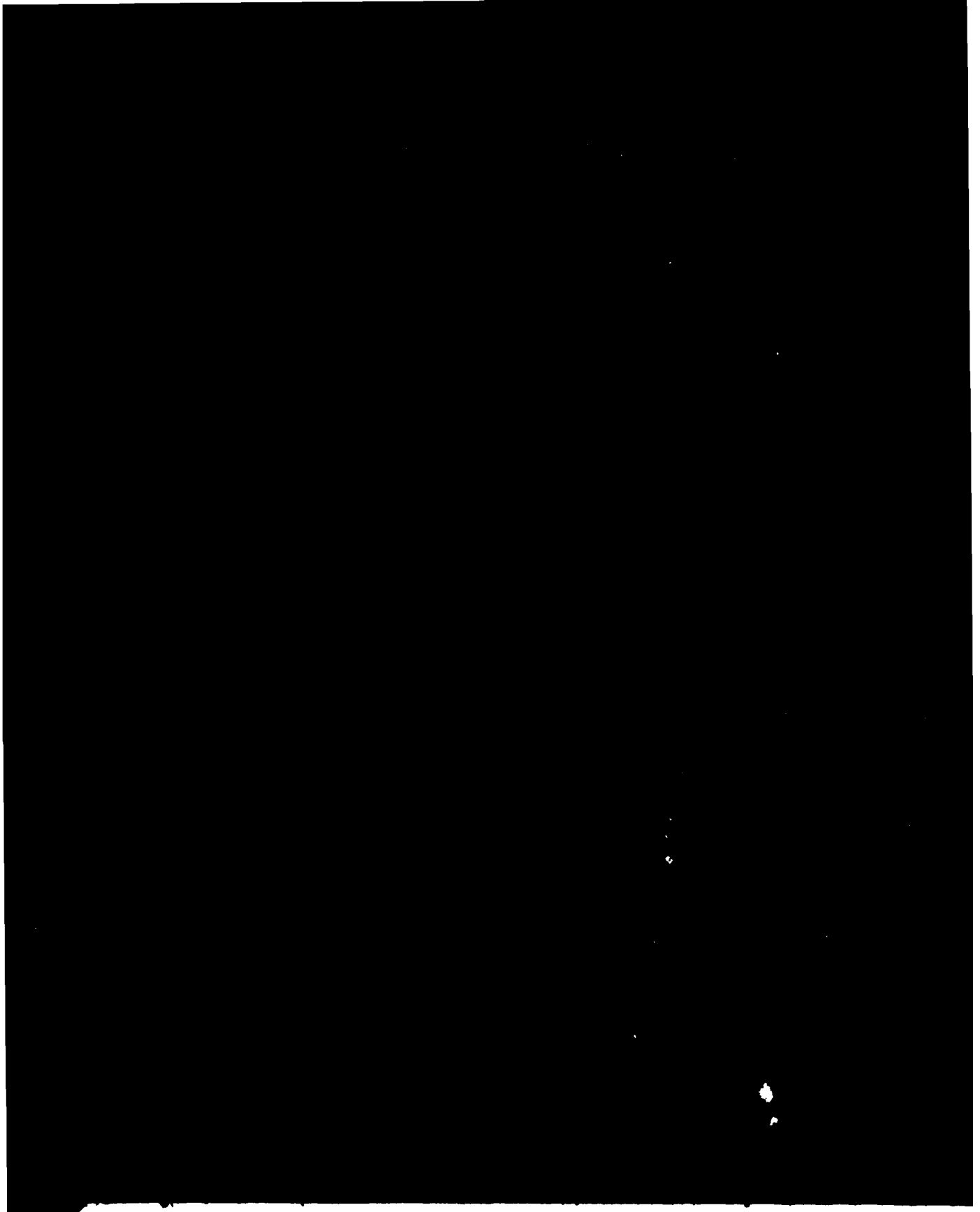

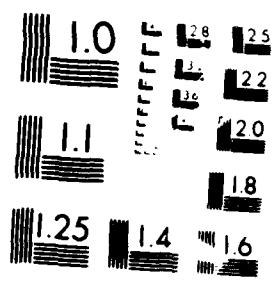
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SP 082270 USAFETAC/DS-87/053

AD-A186 769

OPERATING LOCATION - A

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USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TORREJON AB SPAIN MSC 082270
N 40 29 W 003 27 ELEV 1994 FT LETD

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAY 77 - APR 87

SUMMARY OF DAY DATA: OCT 57 - APR 87,

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"Approved for public release;
Distribution Unlimted."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/053, TORREJON AB SPAIN RUSSWO Aug 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

1a. **Report Security Classification:** UNCLASSIFIED

3. **Distribution/Availability of Report:** Approved for public release; Distribution unlimited.

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5. **Monitoring Organization Report Number:** USAFETAC/DS-87/053.

6a. **Name of Performing Organization:** USAFETAC/OL-A
6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723.

11 **Title:** (RUSSWO) Torrejon AB Spain.

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Oct 57-Apr 87.

14 **Date of Report:** Aug 87

15 **Page Count:** 312

16 **Supplementary Notation:**

17 **COSATI Codes:** Field--04, Group--02

18 **Subject Terms:** *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Torrejon AB Spain; Spain; SP082270.

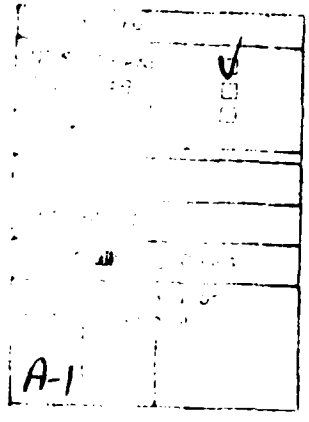
19 **Abstract:** A six-part statistical data summary of surface weather observations for: Torrejon AB Spain. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use..

20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473 **UNCLASSIFIED**



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STATION NAME: TORREJON AP SPAIN

STATION NUMBER: 082270

CALL ID: LETO

PERIOD OF RECORD:

HOURLY OBSERVATIONS: MAY 77 - APR 87

SUMMARY OF DAY DATA: OCT 57 - APR 87

HOURS SUMMARIZED: 0000-2300 LST

TIME CONVERSION LST TO GMT: -1

DATE PRODUCED: 10 AUG 1987

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

WBAN NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

14C 11

STATION NO. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. FT.	ALLUSION	NUMBER
082270	TORREJON AB SPAIN/MADRID	N 40 29	W 003 27	1994	LETO	08227

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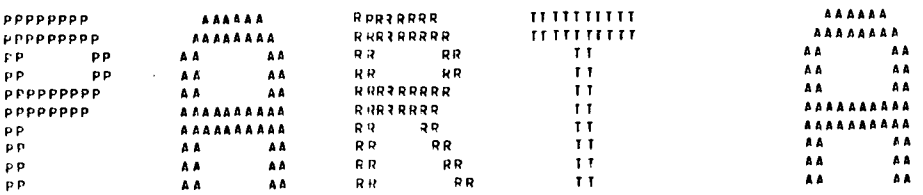
STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO	OBS PER DAY
1	Torrejon AB Spain	AB	Oct 57	Mar 62	N 40 30	W 003 28	2001	2056	24
2	Same	AB	Mar 62	Dec 70	N 40 29	W 003 27	2004	2000	24
3	Same	Same	Jan 71	Feb 78	Same	Same	1994	Same	24
4	Same	Same	Mar 78	Aug 82	Same	Same	Same	Same	Same
5	same	same	Sep 82	Jan 85	same	W 003 28	1994	2007	same
6	Same	Same	Feb 85	Apr 87	Same	Same	1994	Same	Same

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Oct 57	Located on top of control tower.	AN/GMQ-11	[illegible]-2	N/A	
2	Jun 58	Located at approach zone rnwy 23, 500 ft W of rnwy.	Same	Same	13 ft	
3	Mar 59	Located 500 ft from centerline, 1000 ft in from end of rnwy 23/05.	Same	Same	Same	
4	Mar 60	Located 500 ft from centerline, 1500 ft from end of rnwy 23.	Same	Same	11 ft	
5	Jun 61	Located N of Base Operations across the rnwy complex.	Same	Same	11 ft	
6	Mar 62	Located 715 ft from centerline, 1810 ft from approach end ILS rnwy.	Same	Same	Same	
7	Mar 65	Located 1775 ft SW and 695 ft NW of end of rnwy 23.	T420 [illegible]-11	[illegible]-2	13 ft	

USAF [illegible] 0-19 (OL A) [illegible]



WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MA EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1963) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		5.7		.5		6.2	17.3	4.0			21.3	930
03-05		5.5		1.0		6.5	19.4	3.7			23.0	929
06-08		4.6		1.3		5.7	20.4	2.7			23.1	930
09-11	.1	5.1		.6		5.7	24.2	3.3			27.5	930
12-14		5.8		.6		6.5	16.0	5.4			21.4	930
15-17		5.6		.5		6.1	10.6	4.5			15.2	930
18-20		6.9		.6		7.3	11.5	4.7			16.2	930
21-23		6.8		.9		7.5	13.3	4.0			17.3	930
TOTALS	.0	5.8		.8		6.4	16.6	4.0			20.6	7439

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	8.5		.4		8.9	6.3	1.3			7.6	846
03-05		8.6		.4		9.0	7.8	.8			8.6	846
06-08		8.6		.4		8.7	12.8	1.2			13.9	846
09-11		9.6		.2		9.9	16.3	4.6			20.9	846
12-14		8.1		.7		8.9	9.7	4.1			13.8	846
15-17		7.8		.7		8.4	3.4	2.5			5.9	846
18-20		6.9		.4		7.1	3.9	2.0			5.9	846
21-23	.1	7.0		.2		7.2	4.6	.9			5.6	846
TOTALS	.0	7.9		.4		8.3	8.1	2.2			10.3	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		4.3		.6		4.7	1.3	.3			1.6	930
03-05		3.4		.1		3.5	3.3	.6			4.3	929
06-08		5.5		.4		5.9	6.9	1.7			8.6	930
09-11		4.6		.1		4.7	8.4	4.4			12.8	930
12-14		3.7		.1	.1	3.8	2.3	2.2			4.4	930
15-17	.4	4.1				4.1	.1	1.1			1.2	930
18-20	.3	5.5				5.5		.7			.7	930
21-23		6.0		.1		6.1	.3	.4			.7	930
TOTALS	.1	4.9		.2	.0	5.0	2.8	1.4			4.2	7439

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		7.0		.1		7.1	1.0	1.0			2.0	900
03-05	.1	5.3				5.3	2.4	1.1			3.4	900
06-08		6.0		.3		6.3	7.4	1.8			9.2	900
09-11	.1	5.7			.1	6.0	4.6	3.6			8.3	900
12-14	.4	6.1			.2	6.3	.8	1.7			2.4	900
15-17	.9	5.0			.1	6.1	.3	1.1			1.4	910
18-20	.3	8.8				8.8	.4	1.1			1.2	900
21-23	.1	10.0				10.0		1.0			1.0	899
TOTALS	.2	7.1		.1	.1	7.2	2.1	1.5			3.6	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.6	5.0				5.0	.4	.3			.8	929
03-05	.3	3.4				3.4	1.0	.4			1.4	930
06-08	.2	4.5				4.5	7.2	2.8			10.0	930
09-11	.5	6.5				6.5	4.5	3.0			7.5	930
12-14	.9	6.6				6.6	.5	.5			1.1	930
15-17	1.6	7.3				7.3	.2	.1			.3	930
18-20	1.4	6.8				6.8						930
21-23	.8	6.2				6.2	.1	.3			.4	930
TOTALS	.8	5.0				5.8	1.7	.9			2.7	7439

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.4	1.6				1.6	.1				.1	930
03-05	.6	1.6				1.6	.6	.1			.7	930
06-08	.2	1.6				1.6	2.0	1.2			3.2	930
09-11	.1	1.2				1.2	1.0	1.4			2.4	930
12-14	.3	1.7				1.7	.3	.1			.4	930
15-17	.7	2.3				2.3		.2			.2	930
18-20	2.3	3.0			.1	3.1		.2			.2	930
21-23	2.2	3.1				3.1						930
TOTALS	.9	2.0			.0	2.1	.5	.4			.9	7441

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.9	.9				.9	.1				.1	930
03-05	.2	.1				.1						930
06-08	.4	1.0				1.0	.2	.5			.6	930
09-11		.4				.4		.9			.9	930
12-14	.3	.4				.4						930
15-17	.8	1.2				1.2						930
18-20	1.0	1.7				1.7						930
21-23	1.2	1.8				1.8						930
TOTALS	.6	.9				.9	.0	.2			.2	7440

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.5	.5				.5		.3			.3	930
03-05	.2	.4				.4		.3			.3	929
06-08	.3	.6			.1	.9	.3	.8			1.1	930
09-11	.1	.6				.6		1.6			1.6	930
12-14	.3	.4				.4		1.0			1.0	929
15-17	.4	.8				.8	.2	1.0			1.2	930
18-20	.9	.9				.9		.6			.6	930
21-23	.5	1.4				1.4		.3			.3	930
TOTALS	.4	.8			.0	.8	.1	.7			.8	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (EST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CEIL OR VISION	TOTAL OBS
00-02	.6	1.3				1.3	.7			.7	9[illegible]	
03-05	.1	1.3				1.3	.7			.7	9[illegible]	
06-08	.1	2.3				2.3	1.6	.4		2.[illegible]	9[illegible]	
09-11	.1	1.7				1.7	2.[illegible]	.7		2.7	9[illegible]	
12-14	.1	.9				.9	.1			.1	9[illegible]	
15-17	1.0	2.1				2.1	.1			.1	9[illegible]	
18-20	1.2	2.0				2.[illegible]		.1		.1	9[illegible]	
21-23	.7	1.7				1.7	.1	.1		.[illegible]	9[illegible]	
TOTALS	.5	1.7				1.7	.7	.2		.9	7[illegible]	

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (EST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CEIL OR VISION	TOTAL OBS
00-02	.1	2.7				2.7	.8			.8	9[illegible]	
03-05		3.0				3.[illegible]	1.7	.5		2.0	9[illegible]	
06-08	.3	4.5				4.5	4.5	.4		4.4	9[illegible]	
09-11		4.7				4.7	4.6	3.4		8.1	9[illegible]	
12-14		4.[illegible]				4.[illegible]	1.1	2.3		3.3	9[illegible]	
15-17	.8	4.3				4.3		.3		.3	9[illegible]	
18-20	.5	4.[illegible]				4.[illegible]	.2	.2		.4	9[illegible]	
21-23	.1	3.3				3.3	.1			.3	9[illegible]	
TOTALS	.2	3.[illegible]				3.[illegible]	1.7	.9		2.[illegible]	7[illegible]	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	7.3				7.3	10.0	2.3			12.3	900
03-05		6.8				6.8	12.9	1.7			14.6	898
06-08		5.9				5.9	15.6	2.2			17.8	900
09-11		7.3				7.3	19.6	5.6			25.1	900
12-14		7.7				7.7	10.0	5.7			15.7	900
15-17	.2	7.3				7.3	5.0	3.9			8.9	900
18-20		7.3				7.3	7.3	3.7			11.0	900
21-23		7.0		.1		7.0	9.0	3.4			12.5	899
TOTALS	.0	7.1		.0		7.1	11.2	3.6			14.7	7197

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		7.6		.6		8.0	19.7	2.0			21.7	930
03-05		7.3		.6		7.8	20.2	1.7			21.9	930
06-08		7.6		.8		8.3	19.0	1.8			20.9	930
09-11		8.0		.6		8.4	24.1	2.8			26.9	930
12-14		7.6		.2		7.8	18.3	4.4			22.7	930
15-17		7.0		.5		8.0	10.5	5.1			15.6	930
18-20		7.8		.5		8.3	14.4	3.7			18.1	930
21-23	.1	6.7		.3		7.3	17.0	1.8			18.8	930
TOTALS	.1	7.4		.5		7.9	17.9	2.9			20.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL	.0	5.8		.6		6.4	16.6	4.0			20.6	7439
FEB		.0	7.9		.4		8.3	8.1	2.2			10.3	6768
MAR		.1	4.9		.2	.0	5.0	2.8	1.4			4.2	7439
APR		.2	7.1		.1	.1	7.2	2.1	1.5			3.6	7199
MAY		.8	5.8				5.8	1.7	.9			2.7	7439
JUN		.9	2.0			.0	2.0	.5	.4			.9	7200
JUL		.6	.9				.9	.0	.2			.2	7440
AUG		.4	.8			.0	.8	.1	.7			.8	7438
SEP		.5	1.7				1.7	.7	.2			.9	7200
OCT		.2	3.9				3.9	1.7	.9			2.5	7440
NOV		.0	7.1		.0		7.1	11.2	3.6			14.7	7197
DEC		.0	7.4		.5		7.8	17.9	2.9			20.8	7440
	TOTALS	.3	4.6		.2	.0	4.7	5.3	1.6			6.9	87639

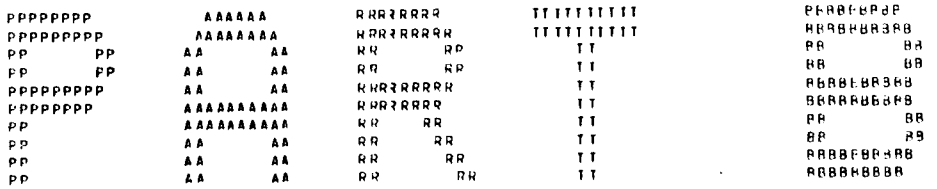
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 57-87
MONTH: ALL

MONTH	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	.2	37.6	.5	4.1	.2	38.0	44.0	29.6	.1		54.5	929
FEB	1.5	41.3		4.6	.6	43.1	28.5	19.5			39.1	847
MAR	2.5	38.1	.1	2.2	.5	38.7	17.7	15.4			29.9	931
APR	6.3	38.7		1.0	1.1	38.8	13.3	10.9			20.1	900
MAY	13.1	39.8		.1	.9	39.8	12.2	6.6			16.4	899
JUN	17.7	31.5			.5	31.5	6.2	5.4			9.6	869
JUL	11.0	13.6			.6	13.6	.3	2.4			2.7	899
AUG	8.7	12.8			.4	12.8	1.0	2.9			3.6	899
SEP	11.4	24.0			1.0	24.0	5.6	5.0			9.2	868
OCT	3.7	32.2		.1	.2	32.2	19.7	11.7			21.4	930
NOV	1.3	37.5		.9	.3	37.9	33.1	23.9			42.8	899
DEC	.2	37.6	.4	3.7	.1	38.0	41.6	27.0			51.0	926
TOTALS	6.5	32.0	.1	1.4	.5	32.4	18.2	13.4	.0		24.7	10797



PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	
JAN	62.2	8.9	3.1	6.0	4.9	9.2	3.8	1.9	.1					28.9	926	1.62	5.20	.
FEB	56.9	9.7	3.3	7.5	5.0	9.0	5.7	2.8	.1					33.4	845	1.86	4.19	IRA
MAR	62.1	12.4	3.6	6.0	3.0	8.0	3.6	1.0	.3					25.5	922	1.31	3.53	IRA
APR	61.5	9.6	3.2	7.0	4.4	5.1	6.6	2.1	.4					28.9	899	1.79	3.75	.
MAY	60.3	11.6	2.7	6.7	4.9	7.4	4.0	1.9	.6					28.0	895	1.73	4.76	IRA
JUN	66.5	10.4	1.5	6.1	3.9	5.1	2.8	1.6	.1					21.1	867	1.14	3.27	IRA
JUL	86.4	5.8	.7	1.6	1.9	2.1	.9	.3	.3					7.8	899	.49	1.80	.
AUG	87.2	4.8	.6	2.1	1.7	1.8	1.1	.7	.1					8.0	899	.48	2.03	.
SEP	75.9	6.8	1.3	4.5	2.1	4.5	3.1	1.0	.8					17.3	868	1.22	4.07	IRA
OCT	68.6	7.7	1.2	5.4	4.0	5.4	4.8	2.2	.5					23.6	918	1.75	6.21	.
NOV	63.0	8.8	2.5	5.7	4.5	6.8	4.8	2.9	1.0					28.3	888	2.16	6.37	IRA
DEC	62.0	10.3	2.7	6.6	4.0	7.0	4.7	2.1	.6					27.7	924	1.81	5.58	IRA
ANN	67.9	8.9	2.2	5.4	3.7	5.9	3.8	1.7	.4					23.2	10746	17.36		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*.00	*TRACE	*TRACE	
58	*TRACE	*TRACE	*TRACE	*.01	*TRACE	*.20	TRACE	.27	.48	.20	.19	1.01	1.01
59	.21	.24	.33	.46	1.05	1.00	.17	.38	.82	.78	.59	.51	1.05
60	1.06	.66	.27	.06	.99	.27	.04	.46	.21	1.32	.91	.80	1.32
61	.45	.27	.23	.45	.29	.25	.32	.60	.63	.67	1.04	.40	1.04
62	.75	.70	.42	.96	.66	.34	.00	.00	1.08	.46	1.08	.97	1.08
63	.58	.33	.16	.57	.05	.61	1.27	TRACE	1.03	.50	1.22	1.03	1.27
64	.08	1.00	.43	.34	.18	.56	.26	.14	.27	.15	.87	.65	1.00
65	.45	.44	.94	.11	.29	.32	.02	.22	1.05	1.56	1.87	.78	1.87
66	.45	.64	.28	.40	.68	.74	.12	TRACE	.46	.84	1.19	.05	1.19
67	.31	.66	.40	.35	*.88	.29	TRACE	.03	.57	.74	.60	.04	*.88
68	.08	.52	1.01	1.25	.26	.24	.08	.91	.25	.13	.66	.45	1.25
69	.23	.96	1.56	1.21	.77	.82	.16	.14	.69	.43	.68	.24	1.56
70	.79	.10	.20	.15	.12	.25	.66	.13	TRACE	.56	.46	.15	.79
71	.66	.50	.57	.59	.66	.72	.65	.30	.35	1.29	.09	1.03	1.29
72	.45	.95	1.31	.10	.21	.17	.09	.04	1.87	.95	2.26	.38	2.26
73	.63	.04	.32	.24	1.26	.64	1.63	.40	TRACE	.42	.97	.64	1.63
74	.45	.40	.76	.68	.36	.24	.23	.10	TRACE	.23	.61	.27	.76
75	.66	1.06	.24	.98	.90	.39	.06	.67	.36	TRACE	.29	.25	1.06
76	.24	.85	.21	.53	.55	.66	.37	.83	1.05	.54	.20	1.03	1.05
77	.59	.35	.24	.45	.34	.77	.27	1.16	.30	1.50	.49	.95	1.50
78	.43	.61	.81	.44	.47	1.08	.00	.00	.39	.45	.37	.42	1.08
79	.98	.99	.33	.61	.28	*.10	.19	.05	1.69	.49	.22	*.32	1.69
80	.22	.54	.07	.32	1.66	.34	TRACE	.16	.18	.67	.87	.08	1.66
81	.10	.72	.37	.65	.42	.17	.37	.21	.24	.02	.06	1.11	1.11
82	.38	.77	.28	.61	1.05	.59	.96	.41	.49	.41	1.05	.12	1.05
83	.00	.27	TRACE	.44	.24	.05	.06	.77	.46	.23	.68	.42	.77
84	*.28	*.66	.46	.42	.75	.86	TRACE	.15	*.13	.34	1.84	.30	1.84
85	.45	.55	.11	.60	1.07	.57	.05	.00	TRACE	TRACE	1.16	.70	1.16
86	.20	.56	.29	.48	.87	TRACE	1.47	.72	1.47	.61	.43	.64	1.47

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	.66	.60	.32	1.01									
MEAN	.447	.581	.465	.533	.609	.486	.326	.319	.581	.569	.794	.558	1.291
S.D.	.270	.274	.371	.308	.399	.296	.456	.321	.516	.426	.536	.349	.351
TOTAL OBS	926	845	922	895	895	867	899	899	868	918	888	924	10746

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*.00	*TRACE	*TRACE	
58	*TRACE	*TRACE	*TRACE	*.01	*TRACE	*.74	TRACE	.33	.56	.46	.19	5.58	*7.89
59	.46	.29	1.11	1.26	2.97	1.70	.40	.81	2.64	2.43	1.83	2.05	17.94
60	1.99	3.09	1.54	.14	2.87	.43	.04	.52	.61	6.21	1.71	2.00	21.15
61	1.23	.43	.42	1.21	1.11	.31	.85	.73	1.76	1.56	4.49	1.21	15.33
62	1.87	1.17	2.28	2.85	2.07	.83	.00	.00	1.54	1.44	1.92	2.36	18.33
63	3.09	2.13	.50	3.18	.11	1.70	1.34	TRACE	2.25	.76	6.37	3.76	25.19
64	.08	4.14	1.56	1.04	.47	2.11	.47	.18	.41	.30	1.01	1.79	13.56
65	1.94	1.36	2.91	.18	.49	.33	.04	.29	1.96	4.89	4.41	1.81	20.61
66	2.27	2.86	.08	1.76	1.09	1.19	.16	TRACE	1.09	4.11	2.98	.07	17.65
67	.71	2.33	.56	1.71	*1.46	.49	TRACE	.04	.58	2.12	3.48	.05	*13.47
68	.09	2.59	2.22	3.50	.65	.26	.08	1.16	.66	.24	2.76	1.04	15.25
69	1.05	2.91	3.53	3.27	1.74	1.12	.35	.16	3.24	1.36	1.74	.52	20.99
70	5.20	.21	.32	.19	.42	.54	1.18	.13	TRACE	.67	1.78	.51	11.15
71	2.34	.78	1.41	2.27	4.76	2.46	.89	.31	.03	1.56	.17	2.43	19.40
72	2.38	3.27	2.37	.10	.75	.44	.12	.09	4.07	5.21	3.63	1.59	25.97
73	1.29	.06	.69	.53	2.58	2.11	1.60	.66	TRACE	1.20	1.86	2.04	14.64
74	1.50	1.60	2.99	2.33	.67	.77	.61	.24	TRACE	.53	1.73	.37	13.74
75	1.19	1.99	1.44	3.75	2.25	1.62	.03	1.34	1.51	TRACE	.80	1.36	17.29
76	.46	2.29	.41	2.50	1.95	1.87	1.01	2.03	2.84	2.54	1.21	2.77	21.93
77	2.50	1.74	.65	.63	.98	1.01	.75	1.47	.36	2.96	1.05	3.60	17.90
78	1.52	2.89	1.61	1.96	1.86	3.27	.00	.00	.45	.88	1.12	3.17	18.93
79	4.29	2.61	1.57	2.32	.62	*.26	.57	.05	2.41	2.72	.34	*.53	*19.29
80	.29	1.90	2.03	.60	2.83	1.14	TRACE	.37	.47	1.51	1.66	.10	13.90
81	.10	1.80	1.34	3.02	1.72	.25	.37	.34	.77	.03	.06	3.87	13.77
82	.85	1.27	.39	1.79	4.07	1.12	1.60	.91	.91	.95	2.68	.32	16.86
83	.00	.33	TRACE	2.04	.64	.09	.06	.96	.58	.30	3.29	1.23	9.52
84	*.64	*1.15	1.96	1.04	3.64	2.27	TRACE	.21	*.24	1.12	5.45	.42	*18.14
85	2.69	1.56	.29	2.23	2.07	1.31	.05	.00	TRACE	TRACE	2.51	3.39	16.10
86	.46	2.58	1.46	2.32	1.25	TRACE	1.57	.72	2.51	2.73	.62	.96	17.18

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	3.41	1.98	.39	2.20									
MEAN	1.616	1.863	1.310	1.790	1.727	1.138	.493	.483	1.223	1.752	2.164	1.608	17.377
S.D.	1.315	1.040	.949	1.476	1.215	.837	.563	.520	1.126	1.639	1.592	1.404	3.645
TOTAL OBS	926	845	922	895	895	867	899	899	868	918	888	924	10746

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-67

			AMOUNTS IN INCHES													
MONTH	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 5.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST
JAN	95.9	2.4	.9	.4	.4									1.7	939	.4	2.8
FEB	96.0	3.3	.7	.5	.1	.2	.1							1.7	846	.5	7.0
MAR	97.7	1.6	.3	.3										.6	930	.1	1.5
APR	99.5	.8	.2											.2	900	TRACE	.2
MAY	99.9	.1													899	TRACE	TRACE
JUN	100.0														869	.0	.0
JUL	100.0														899	.0	.0
AUG	100.0														899	.0	.0
SEP	100.0														870	.0	.0
OCT	99.9	.1													930	TRACE	TRACE
NOV	99.2	.8													900	TRACE	TRACE
DEC	96.3	2.2	.9	.4	.2									1.5	928	.3	3.1
ANN	98.6	.9	.2	.1	.1	.0	.0							.5	10797	1.7	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN MEAN
57										TRACE	TRACE	*.*	
58	TRACE	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	..
59	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
60	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	..
63	.0	3.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	..
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	..
65	TRACE	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
67	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
68	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	..
70	1.9	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.9	..
71	2.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.
72	.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.
73	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	.
74	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
78	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2..
79	.0	TRACE	.0	.0	.0	*.0	.0	.0	.0	.0	.0	*.2	*..
80	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
81	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1..
82	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
83	.0	TRACE	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	TRACE
84	*.0	**.5	.9	.0	.0	.0	.0	.0	*..	.0	.0	.0	**..
85	.3	.0	TRACE	.0	.0	.0	.0	.0	.2	.0	.3	.3	.5
86	TRACE	1.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	1.0	.3	.0	.0									
MEAN	.39	.30	.09	.00	TRACE	.00	.00	.00	.00	TRACE	TRACE	.24	.85
S.D.	.710	.729	.290	.017	.000	.000	.000	.000	.000	.000	.000	.516	.909
TOTAL OBS	929	846	930	900	899	869	899	899	868	930	900	928	10797

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TOWNSEND AP, MONTA

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57										TRACE	[illegible]	[illegible]	
58	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
59	.0	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60	2.2	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
62	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	.0	7.2	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	.0	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	TRACE	1.9	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	.0	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
67	1.2	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	.0	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
69	.0	.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
70	2.0	TRACE	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	2.0	.0	1.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
72	.5	TRACE	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	.0	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	.0	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
75	.0	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
76	TRACE	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
77	TRACE	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
78	2.8	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	.0	TRACE	[illegible]	[illegible]	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	TRACE	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
81	1.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82	.0	.0	.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	.3	.0	TRACE	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	TRACE	1.4	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE: * INDICATES LESS THAN FULL MONTH

CONTINUED ON NEXT PAGE...

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	1.[illegible]	.3	[illegible]	.0									
MEAN	.45	.47	.11	.01	TRACE	.00	.00	.00	.00	TRACE	TRACE	.30	1.35
[illegible]	.816	1.374	.369	.036	.000	.000	.000	.000	.000	.000	.000	.713	1.819
TOTAL [illegible]	[illegible]	846	93[illegible]	900	899	869	899	899	868	930	900	926	10797

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-67

	AMOUNTS IN INCHES																
MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST LE
JAN	97.7	1.6	.3	.3										.6	929		
FEB	98.8	.4	.2	.4	.1	.1								.8	846		
MAR	99.7	.3													930		
APR	100.0														900		
MAY	100.0														899		
JUN	100.0														869		
JUL	100.0														899		
AUG	100.0														899		
SEP	100.0														868		
OCT	100.0														929		
NOV	100.0														900		
DEC	99.5	.4	.1											.1	928		
ANN	99.6	.2	.0	.1	.0	.0								.1	10796		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*0	0	*0	
58	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
59	0	1	0	0	0	0	0	0	0	0	0	0	1
60	2	0	0	0	0	0	0	0	0	0	0	TRACE	2
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	4	0	0	0	0	0	0	0	0	0	0	4
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
70	TRACE	0	0	0	0	0	0	0	0	0	0	1	1
71	1	0	TRACE	0	0	0	0	0	0	0	0	0	1
72	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	2	0	0	0	0	0	0	0	0	0	0	0	2
79	0	0	0	0	0	*0	0	0	0	0	0	*TRACE	*TRACE
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	1	0	0	0	0	0	0	0	0	0	0	0	1
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	*0	*TRACE	TRACE	0	0	0	0	0	*0	0	0	0	TRACE
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

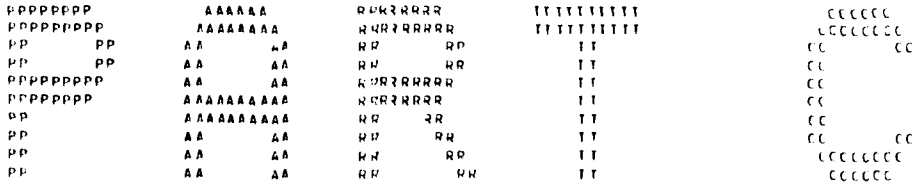
EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	1	TRACE	0	0									
MEAN	.2	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
S.D.	.577	.759	.000	.000	.000	.000	.000	.000	.000	.000	.000	.189	.934
TOTAL OBS	929	846	930	900	899	869	899	899	868	929	900	928	10796

NOTE * (BASED ON LESS THAN FULL MONTHS)



SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHE THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57											NE *35/	SSE 44/	
58	NW 50/	WSW 48/	SW *42/			WNW*44/	NNE 29/	W 29/	WSW 25/	SSW 35/	N 26/	W 41/	
59	NW 31/	ENE 24/	N 39/	W 39/	SSE 28/	NW 33/	W 26/	SSW 26/	WNW 28/	N 32/	W 46/	WNW 39/	W 46/
60	N 44/	SSW 36/	WSW 29/	N 31/	NE 28/	NW 27/	WSW 35/	WSW 28/	SW 34/	S 33/	SSE 28/	NW 32/	N 44/
61	W 33/	W 32/	SE 26/	WNW 26/	S 28/	SSW 27/	NW 36/	SW 49/	SW 46/	NW 31/	WSW 34/	WSW*30/	SW 49/
62	WNW 40/	N 39/	SW *34/	W 30/	NE 28/	NE 25/	SW 24/	NNE 33/	S 35/	N 35/	NW 40/	NW 28/	WNW 40/
63	S 34/	W 40/	N 36/	W 35/	NE *30/	WSW 44/	ESE 34/	NW 38/	WNW 31/	N 37/	SW *30/	SE 34/	WSW 44/
64	NW 27/	WSW 32/	WSW 38/	WSW 29/	NNE 37/	SSW 44/	SE 30/	WSW 30/	WSW 38/	NW 46/	WNW 26/	N 37/	NW 46/
65	WNW 52/	N 31/	SW 38/	N 34/	NNE 29/	W 33/	WSW 26/	SSE 26/	S 35/	SSE 24/	SSW 32/	W 39/	WNW 52/
66	W 41/	W 31/	E 25/	N 39/	NW 34/	W 34/	SW 41/	WSW 32/	SSE 37/	S 33/	SSW 44/	N 34/	SSW 44/
67	SE 34/	SW 28/	NE 40/	N 37/	N 32/	NNE 25/	S 28/	N 31/	WSW 29/	ESE 24/	N 36/	NE 34/	NE 40/
68	N *44/	WSW 34/	N 40/	WSW 40/	WSW 36/	WNW 35/	25/ 31/	23/ 46/	23/ 33/	23/ 33/	19/ 37/	23/ 49/	23/ 49/
69	25/ 40/	18/ 38/	25/ 36/	25/ 33/	3/ 30/	24/ 27/	4/ 28/	31/ 27/	24/ 27/	5/ 22/	26/ 36/	33/ 59/	33/ 59/
70	21/ 42/	33/ 34/	4/ 36/	36/ 39/	13/ 35/	26/ 31/	36/ 35/	31/ 55/	23/ 29/	36/ 40/	25/ 55/	17/ 35/	31/ 55/
71	26/ 38/	23/ 60/	1/ 41/	32/ 30/	17/ 30/	26/ 35/	17/ 38/	25/ 30/	26/ 33/	7/ 35/	1/ 42/	9/ 40/	26/ 60/
72	32/ 33/	25/ 49/	30/ 43/	28/ 36/	2/ 30/	5/ 28/	20/ 38/	20/ 34/	1/ 29/	20/ 41/	6/ 34/	17/ 29/	32/ 49/
73	35/ 37/	34/ 36/	35/ 32/	34/ 33/	24/ 32/	33/ 32/	3/ 39/	23/ 54/	36/ 29/	31/ 36/	26/ 37/	35/ 32/	35/ 54/
74	26/ 36/	35/ 40/	1/ 36/	21/ 30/	29/ 37/	31/ 43/	11/ 37/	5/ 34/	21* 49/	1/ 36/	25/ 34/	7/ 23/	31/ 49/
75	30/ 33/	19/ 25/	29/ 39/	6/ 30/	5/ 40/	26/ 36/	19/ 28/	23/ 40/	5/ 29/	31/ 32/	31/ 35/	7/ 31/	31/ 40/
76	1/ 29/	1/ 30/	31/ 32/	6/ 34/	35/ 32/	34/ 36/	27/ 32/	27/ 28/	22/ 35/	28/ 43/	22/ 35/	26/ 40/	34/ 43/
77	6/ 33/	15/ 36/	2/ 40/	36/ 35/	2/ 40/	25/ 28/	22/ 27/	4/ 30/	29/ 32/	16/ 30/	28/ 24/	29/ 37/	2/ 40/
78	36/ 39/	26/ 41/	25/ 30/	35/ 41/	34/ 32/	21/ 46/	6* 25/	36/ 29/	21/ 29/	2/ 36/	36/ 32/	25/ 38/	41/ 46/
79	27/ 35/	33/ 53/	1/ 37/	23/ 36/	23/ 35/	5/ 32/	36/ 28/	1/ 35/	9/ 43/	20/ 32/	28/ 37/	1/ 32/	30/ 53/
80	1/ 34/	4/ 26/	33/ 38/	8/ 26/	33/ 27/	20/ 28/	26/ 25/	4/ 31/	19/ 30/	29/ 35/	36/ 40/	1/ 46/	1/ 46/
81	3/ 45/	5/ 30/	25/ 27/	1/ 31/	35/ 31/	22/ 26/	20/ 34/	33/ 28/	29/ 33/	24/ 28/	1/ 37/	23/ 47/	23/ 47/
82	36/ 33/	34/ 30/	13/ 36/	6/ 39/	23/ 30/	25/ 28/	29/ 40/	23/ 26/	5/ 28/	25/ 38/	25/ 36/	34/ 37/	29/ 40/
83	1/ 25/	32/ 37/	1/ 38/	29/ 39/	27/ 38/	36/ 25/	22/ 32/	26/ 38/	30/ 28/	24/ 28/	29/ 37/	23/ 47/	23/ 47/
84	24/ 33/	35/ 39/	23/ 40/	30/ 35/	27/ 40/	25/ 28/	22/ 28/	26/ 26/	30* 27/	27/ 40/	23/ 39/	5/ 26/	23/ 40/
85	36/ 33/	29/ 37/	31/ 35/	25/ 36/	2/ 23/	24/ 22/	17/ 25/	36/ 32/	34/ 27/	27/ 26/	24/ 26/	21/ 24/	29/ 37/
86	31/ 30/	26/ 36/	23/ 31/	35/ 30/	23/ 32/	27/ 27/	34/ 31/	23/ 28/	24/ 36/	27/ 39/	18/ 33/	36/ 32/	27/ 39/

NOTES * (BASED ON LESS THAN FULL MONTHS)
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08227O STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	35/ 48	2/ 44	35/ 33	22/ 28									
MEAN	36.6	36.6	35.5	33.9	32.4	31.6	31.6	33.6	32.1	33.9	35.9	37.4	47.4
S.D.	6.619	8.101	4.826	4.263	4.422	6.443	5.026	8.064	4.964	5.805	6.784	8.496	6.997
TOTAL OBS	922	841	929	866	863	840	888	996	855	895	865	913	10564

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0230

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	2.8	1.6	1.8	.3	.2		.2				11.7	6.8
NNE	6.1	4.1	.9	.8								11.8	4.2
NE	3.0	3.2	.2	.5	.1							7.1	4.7
ENE	2.6	1.7	.1									4.4	3.4
E	.9	.8	.1									1.7	3.6
ESE	.3	.1		.1								.5	5.2
SE													
SSE	.1	.1										.2	3.0
S	.5	1.2	.4	.2	.1							2.5	6.5
SSW	.3	1.3	2.3	.3								4.2	7.4
SW	.9	1.2	1.3	1.4								4.7	8.0
WSW	1.0	.9	.9	1.1								3.8	7.0
W	.6	.5	1.4	.6								3.2	7.6
WNW	.9	.2	.1	.2								1.4	4.5
NW	1.0	.3		.1	.1							1.5	4.6
NNW	1.3	1.2	.3	.2								3.0	4.6
VARIABLE			.2									.2	10.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.4	2.4	1.2	1.2	.5	.3	.1					10.1	6.8
NNE	6.1	3.4	1.2	.2	.3							11.3	4.7
NE	3.9	2.5	.6	.2								7.2	5.1
ENE	1.4	1.7										3.1	5.4
E	1.3	.5	.1									1.9	5.2
ESE	.1			.1								.2	8.5
SE	.3	.1										.4	5.0
SSE	.3	.3	.3									1.0	7.0
S	.4	1.1	1.2	.2								2.9	6.8
SSW	.1	1.4	1.8	.6								4.0	8.
SW	.5	1.2	1.3	.6								3.7	7.3
WSW	.4	1.4	1.2	.6	.1							3.6	7.4
W	.5	.4	.8	.8		.2						2.7	8.4
WNW	.2	.3	.1	.1								.9	6.5
NW	.9	.3		.1	.2							1.5	5.6
NNW	.8	.6	.1	.4								1.9	5.5
VARIABLE		.1		.2								.3	11.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	43.2	//////
TOTALS	21.7	17.9	9.9	5.5	1.2	.5	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	1.8	1.2	2.2	.3							10.0	6.4
NNE	6.0	2.6	.9	.4	.1	.2						10.2	4.4
NE	3.7	3.2	1.1	.1								8.1	4.1
ENE	2.4	1.1	.3	.1								3.9	3.6
E	1.3	.2										1.5	2.6
ESE	.1	.2										.3	3.3
SE	.1											.1	1.0
SSE	.2	.3	.1	.2								.9	6.4
S	.5	1.2	.8	.6								3.1	6.9
SSW	.9	1.0	1.6	.6	.1							4.2	7.6
SW	.3	1.0	1.1	.2								2.6	6.6
WSW	.3	1.0	1.4	1.2	.1							4.0	8.8
W	.3	1.0	.5	.4	.1	.1						2.5	8.5
WNW	.2	.3	.6	.1								1.3	7.0
NW	.5	.3	.1	.3								1.5	6.3
NNW	1.7	.6	.3	.1	.2							3.0	5.1
VARIABLE			.1	.1								.2	9.5
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 73-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR	TOTAL %	MEAN WIND
N	2.4	1.4	1.4	2.2	1.0							8.3	8.6
NNE	3.9	1.8	1.6	.4	.2							7.9	5.1
NE	3.2	3.3	1.4	.5	.1							8.6	5.3
ENE	1.4	1.9	.5	.3								4.2	5.1
E	2.0	.8										2.8	3.8
ESE	.5	.1	.1									.7	3.3
SE	.4	.1										.5	3.4
SSE	.9	.5	.1	.3								1.8	5.4
S	.9	1.3	1.2	.8								4.1	6.7
SSW	.3	1.5	1.2	.9								3.9	7.4
SW	1.5	.9	1.1	.9	.2	.1						4.7	7.4
WSW	.6	.8	.9	1.3								3.6	8.6
W	1.0	.9	1.0	1.2	.4							4.4	9.0
WNW	.2	.2	.1	.6								1.2	9.8
NW	.5	.1	.1	.9	.1							1.3	9.4
NNW	.8	.1	.8	.7		.1						1.9	7.4
VARIABLE		.1	.2	.1								.4	9.8
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.3	1.3	1.7	1.7	.3	.1					6.2	12.9
NNE	1.1	1.2	.5	.6	.1	.1						3.7	7.2
NE	2.7	1.9	1.7	1.5	.3							8.2	6.7
ENE	1.7	1.4	.6	1.2								4.9	6.6
E	2.0	.8	.3									3.1	5.5
ESE	.8	.6										1.4	5.4
SE	1.6											1.6	3.9
SSE	2.0	.2	.1	.3	.1							2.8	6.5
S	3.9	1.6	1.1	1.1	.1							7.7	6.1
SSW	3.0	2.9	1.9	1.2	.2							9.2	6.1
SW	1.5	2.4	1.6	1.7	.3	.2						7.7	7.9
WSW	1.7	1.1	.6	2.2	.2	.1						5.9	8.7
W	.6	.8	.8	1.4	.1	.2						3.9	9.9
WNW	.5	.1	.3	1.5	.4							2.9	11.7
NW	.3	.1	.2	.3	.2							1.1	10.5
NNW	.3	.3	.3	.4	.3	.1	.1					1.9	12.0
VARIABLE		.2	.6	.2								1.1	9.1
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 73-87
MONTH: JAN HOURS/TIME: 17 17

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN MPH
N	.8	1.5	1.6	3.1	1.6	.5	.2					9.4	11.7
NNE	1.5	.8	.6	.3	.1	.1						3.4	7.7
NE	1.0	1.2	1.1	1.7	.1							5.	9.1
ENE	1.1	.6	.8	.7								3.2	8.2
E	.8	.9	.2									1.9	6.1
ESE	.6	.3	.1									1.	5.1
SE	.6	.1		.1								1.	5.
SSE	.8	.3										1.	4.7
S	1.9	1.9	1.1	.1								5.	7.
SSW	5.1	4.9	3.7	1.1	.1							15.1	9.1
SW	3.5	3.7	2.1	1.7	.2							11.3	9.1
WSW	1.2	1.3	.7	.1								3.3	8.1
W	1.2	1.2	.5	.1	.1	.2						3.3	11.9
WNW	.6	.3	.3	.1	.1	.1						1.	10.1
NW	.3	.1	.1	.1	.1							.7	9.9
NNW	.3	.3	.3	.1	.1							1.1	10.3
VARIABLE		.1	.1	.1								.3	3.4
CALM	//////////////

USAF AL CLIMATOLOGY BRANCH
CSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (TRUE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	9.5	3.7	3.1	1.4	.6	.5						18.9	7.8
NE	2.9	1.6	1.6	1.1	.3							7.3	6.7
E	1.5	1.3	.9	.5	.1							4.3	6.2
SE	.9	1.3	.2									2.4	5.9
S	.7	.1	.4									1.1	4.4
SW	.1	.1	.1									.3	4.3	
W	.2	.1										.3	3.0
NW	.1	.1	.2									.4	5.8
	.8	1.3	.8	.2								3.0	5.7
	2.2	2.8	2.0	.3								6.4	5.3
	1.8	1.6	1.7	1.2	.1							6.3	7.2
	1.7	1.1	1.0	1.3	.9	.1						5.2	8.4
	2.6	1.5	2.2	.8	.2							7.3	6.4
	.6	1.1	.9	1.1	.1							3.5	8.4
	1.4	.4	.1	.2	.1							2.2	4.4
	1.7	1.1	.5	.2	.1							4.4	5.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	4.1	1.6	2.2	.2	.3	.1					13.4	6.5
NNE	4.7	3.7	1.8	.9	.3							11.4	5.4
NE	2.3	3.3	.2	.6	.1							6.6	5.0
ENE	1.2	1.7	.3									3.2	4.1
E	.6	.4										1.2	2.9
ESE	.1	.1										.2	3.5
SE	.3		.1									.4	4.5
SSE	.3	.4	.1									.9	3.8
S	1.4	1.2	1.1	.1								3.8	5.2
SSW	.3	1.2	1.6	.1	.1							3.3	6.7
SW	.3	1.5	1.7	.8								4.3	7.6
WSW	.4	.6	1.3	.8	.3							3.4	8.8
W	.3	.8	1.3	1.0	.2							3.5	8.8
WNW	.3	.4	1.0	1.0								2.7	9.2
NW	1.0	.2	.5	.1								1.8	5.3
NNW	1.5	1.2	.5	.4	.1							3.8	5.7
VARIABLE					.1							.1	20.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.2	1.6	2.2	.8	.3	.1	.0				10.6	8.2
NNE	4.0	2.4	1.2	.6	.2	.1						8.4	5.1
NE	2.6	2.5	.9	.7	.1							6.9	5.3
ENE	1.6	1.4	.4	.2								3.6	4.6
E	1.2	.6	.1									1.9	3.4
ESE	.3	.2	.0	.0								.6	3.8
SE	.5	.1	.0	.0								.5	2.8
SSE	.6	.3	.1	.1	.0							1.1	4.7
S	1.3	1.3	.9	.5	.0							4.1	5.9
SSW	1.6	2.1	1.8	.6	.1							6.2	6.2
SW	1.3	1.7	1.5	1.1	.2	.0						5.7	7.4
WSW	.9	1.0	1.1	1.3	.2	.0						4.5	8.3
W	.9	.8	1.1	1.0	.2	.1						4.1	8.4
WNW	.5	.3	.5	.8	.1	.0						2.2	9.2
NW	.8	.3	.2	.3	.1							1.7	6.6
NNW	1.1	.8	.4	.4	.1	.0	.0					2.8	6.7
VARIABLE		.1	.2	.2	.0							.5	10.3
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	2.4	2.5	1.2								10.9	5.5
NNE	4.5	3.7	.8	.4								9.7	4.1
NE	4.3	2.7	1.1	.4								8.4	4.1
ENE	1.5	1.8	.4	.2								3.9	4.7
E	.6	.6	.1									1.3	3.6
ESE	.4	.2										.6	2.7
SE		.2										.2	5.0
SSE	.5	.4	.5	.1								1.4	5.9
S	.6	1.5	1.3	.5								3.9	6.4
SSW	.6	2.0	2.8	.8	.2							6.5	7.7
SW	.2	1.4	2.8	.9								5.4	8.2
WSW	.5	.4	1.2	.9	.5	.1						3.5	10.2
W	.2	1.2	.8	.5	.1							2.8	7.6
WNW	.2	.1	.2	.2								.8	8.3
NW	.5	.1	.1	.1								.8	4.6
NNW	1.1	.7	.4	.5								2.6	5.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	37.5	//////
TOTALS	20.4	19.4	15.0	6.7	.8	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0700-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	1.4	2.1	1.7								9.2	5.9
NNE	5.6	3.1	.6	.4								9.8	3.9
NE	2.2	2.7	.5	.8								6.3	4.8
ENE	1.3	1.2	.2	.1								2.8	3.9
E	.5		.1	.1								.7	4.0
ESE	.1	.1										.2	3.5
SE			.2									.2	8.0
SSE	.2	.2	.1									.6	4.7
S	.6	2.0	1.2	.4								4.1	6.2
SSW	1.2	2.6	2.6	.8	.1							7.3	6.8
SW	1.2	.8	2.6	1.2	.2							6.0	8.2
WSW	.8	.6	1.7	.4	.2							3.8	8.1
W	.8	.4	.6	.1								1.9	6.4
WNW	.8	.1	.2									.7	4.3
NW	.4		.2	.1								.7	7.2
NNW	.8	.4	.4	.1	.1							1.8	5.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 0000 0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.4	1.9	1.7	.9								10.9	4.5
NNE	5.9	1.9	.6	.4	.2							9.0	4.9
NE	3.7	2.2	.6	1.1								7.6	6.8
ENE	2.7	1.5	.5	.1								4.8	4.1
E	.8	.4	.1									1.3	3.6
ESE	.1											.1	2.3
SE	.1		.1	.2								.5	9.0
SSE		.2	.2	.1								.6	8.3
S	.1	.9	.6	.2								1.8	6.8
SSW	.8	1.5	2.5	1.4								6.2	7.8
SW	.6	2.1	2.7	1.4								6.9	8.0
WSW	.4	.6	.7	.5								2.1	7.4
W	.8	.9	.7									2.5	5.0
WNW	.1	.1	.1									.7	3.5
NW	.7	.3										1.2	3.3
NNW	1.7	.4	.4	.1	.1							2.6	4.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	41.1	//////
TOTALS	25.3	15.2	11.5	6.5	.4							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 846

...AL CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.2	.6	.7	.2	.5						5.3	7.7
NNE	5.6	2.0	.9	.1	.4	.1						9.1	4.4
NE	5.1	2.7	1.5	1.1	.6							11.0	5.6
ENE	2.8	1.4	.2		.1							4.6	3.7
E	2.1	.8	.4									3.3	3.2
ESE	.9	.5										1.4	3.0
SE	.5	.1	.1									.7	4.0
SSE	.4	.2	.2	.2								1.1	6.7
S	.8	1.5	.7	.1	.1							3.3	5.6
SSW	.7	2.1	2.6	1.9	.1							7.4	8.5
SW	1.9	1.5	1.8	1.3	.1							6.6	7.0
WSW	.8	.8	1.3	1.5	.1							4.6	8.6
W	.7	.4	.6	.4								2.0	6.8
WNW		.5	.1	.1	.2							.9	10.0
NW	.1	.1	.5	.5								1.2	9.4
NNW		.4	.4	.2								.9	8.8
VARIABLE			.2									.2	7.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.5	1.1	1.8	.4	.5						5.2	10.8
NNE	.8	.9	1.2	.9	.2							4.1	8.0
NE	1.3	1.7	.9	1.4	.5							5.8	8.3
ENE	1.8	1.7	.6	.9	.1							5.1	6.3
E	1.5	.5	.1									2.1	3.2
ESE	1.5	.7	.1									2.4	3.1
SE	1.1	.1	.2									1.4	3.7
SSE	2.1	.4	.4	.1								3.0	3.6
S	3.4	1.4	.4	.6								5.9	4.3
SSW	4.0	3.7	3.0	2.1								12.8	6.4
SW	1.9	2.2	3.0	3.0	.1							10.2	8.2
WSW	.8	1.2	1.4	3.2	.7	.5						7.8	11.0
W	.9	.9	.7	1.4	.8	.1						5.0	10.4
WNW	.6	.5		.5	.4							1.9	8.6
NW	.1	.4	.1	.8	.1							1.5	10.9
NNW	.2	.5	.5	.5	.5	.1						2.2	11.1
VARIABLE	.5	.8	.5	.4								2.1	6.7
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.8	2.2	2.6	1.2							7.9	10.3
NNE	1.4	.8	1.2	.2								3.7	5.5
NE	1.3	1.4	1.2	1.4								5.3	7.6
ENE	.5	.9	.6	.5	.1							2.6	7.2
E	.5	.6	.1	.1								1.3	4.9
ESE	.5	.4		.1								.9	4.0
SE	.9	.2	.1									1.3	3.1
SSE	.5	.8	1.2	.1								2.6	6.3
S	3.0	1.4	.6	.6								5.6	4.4
SSW	3.9	5.0	2.4	1.4	.4							13.5	6.0
SW	3.4	3.4	3.8	4.7	.5							15.9	8.2
WSW	.8	1.8	2.8	2.5	.5	.1						8.5	9.2
W	1.1	1.5	1.7	1.9	.5	.4		.1				7.1	9.7
WNW	.7	.2	.8	.6	.5	.1						3.0	9.8
NW	.6	.4	.6	.4								1.9	6.6
NNW	.7	1.1	.5	1.2	.2	.2						3.9	9.8
VARIABLE	.4	.7	1.2	.2		.1						2.8	8.5
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	3.8	3.0	3.7	.5	.1						13.7	8.0
NNE	1.5	.8	1.3	.9								4.5	6.6
NE	.8	.9	.5	.2								2.5	5.6
ENE	.6	.4	.5	.1								1.5	5.8
E	.1	.6										.7	5.0
ESE	.4	.2										.6	3.2
SE	.5	.5	.1									1.1	4.1
SSE	.8	.7	.6	.1								2.2	5.4
S	1.4	1.9	.5	.1	.1							4.0	5.1
SSW	3.0	3.7	1.9	1.1	.2							9.8	5.9
SW	2.1	3.3	4.0	1.7	.4							11.5	7.3
WSW	1.4	1.9	1.3	1.1	.6							6.3	8.0
W	1.8	1.2	1.7	1.3	.5		.1					6.5	8.1
WNW	1.1	1.1	.9	.4	.1							3.5	6.3
NW	.8	.2	.2	.5								1.5	6.1
NNW	2.2	2.2	1.1	.2		.1						5.9	4.9
VARIABLE			.1	.1	.1							.4	14.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	4.3	3.5	1.3	.4							14.8	5.8
NNE	3.5	3.1	1.2	.1								7.9	4.3
NE	3.0	1.4	1.8	.6								6.7	5.4
ENE	1.7	.9	.1									2.7	4.3
E	.2	.2	.1									.6	4.6
ESE	.4	.4										.7	3.3
SE	.2	.4										.6	3.6
SSE	.8	.2		.1								1.2	3.9
S	1.4	1.7	.9	.5								4.5	5.8
SSW	.7	2.7	2.0	1.9								7.3	7.7
SW	1.3	1.7	1.5	1.2	.1							5.8	7.
WSW	.7	1.3	.6	1.3	.2							4.1	6.9
W	.4	.6	2.4	.4		.1						3.8	8.3
WNW	.6	.4	.4	.1								1.4	5.0
NW	.9	.4	.2	.1								1.7	4.3
NNW	.2	.5	.6	.4								2.5	5.4
VARIABLE		.4	.1									.5	6.7
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
(CARETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.0	2.1	1.7	.3	.1						9.7	6.9
NNE	3.6	2.1	1.0	.4	.1	.0						7.2	4.7
NE	2.7	2.0	1.0	.9	.1							6.7	5.7
ENE	1.6	1.2	.4	.2	.0							3.5	4.8
E	.8	.5	.1	.0								1.4	3.8
ESE	.5	.3	.0	.0								.9	3.2
SE	.4	.2	.1	.0								.8	4.7
SSE	.7	.4	.4	.1								1.6	5.3
S	1.4	1.6	.8	.4	.0							4.2	5.4
SSW	1.9	2.9	2.5	1.4	.1							8.8	6.9
SW	1.8	2.1	2.8	1.9	.2							8.5	7.8
WSW	.7	1.1	1.4	1.4	.4	.1						5.1	9.1
W	.8	.9	1.1	.7	.2	.1	.0	.0				3.9	8.4
WNW	.5	.4	.4	.2	.1	.0						1.6	7.4
NW	.5	.3	.3	.3	.0							1.3	6.5
NNW	1.0	.8	.5	.4	.1	.1						2.8	6.7
VARIABLE	.1	.2	.3	.1	.0	.0						.9	4.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 73-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.3	3.4	2.3	1.8	.3	.4						14.6	6.2
NNE	4.7	3.4	2.6	.2								11.0	4.7
NE	3.0	2.5	1.0	.5								7.0	4.8
ENE	1.8	.9	.2									2.9	3.4
E	.6	.4	.1									1.2	3.6
ESE	.9	.3										1.2	2.6
SE	.2	.1										.3	3.3
SSE	.4	.8	.2									1.4	4.7
S	1.0	1.8	1.5									4.3	5.5
SSW	.8	1.8	2.8	.6	.1							6.1	7.2
SW	1.5	1.2	1.4	.9								4.9	6.8
WSW	1.0	1.4	.6	.6	.1							3.9	7.0
W	1.1	1.2	1.3	.6								4.2	6.6
WNW	.5	1.2	.4		.1							2.3	5.6
NW	1.0	.5	.4	.2								2.2	5.2
NNW	1.8	1.0										2.9	3.1
VARIABLE		.1										.1	6.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.8	//////
TOTALS	26.7	22.0	14.8	5.6	.6	.4						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0700-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	7.0	2.2	1.6	1.1	.5	.1						12.5	5.3
NNE	6.2	2.6	1.6	.3								10.8	4.1
NE	2.9	3.0	1.2	.5								7.6	5.2
ENE	1.5	1.0	.4	.2								3.1	4.8
E	.4	.5	.1									1.1	4.1
ESE	.3	.1										.4	3.6
SE	.2	.1										.3	3.3
SSE	.3	.2	.1									.6	3.8
S	1.1	.9	1.1	.1								3.1	4.6
SSW	1.1	2.6	2.0	.7	.1							6.7	6.8
SW	.9	1.3	2.5	.8								5.4	7.4
WSW	.8	1.0	.5	.6								2.9	6.9
W	.9	1.3	.2	1.1								3.4	7.4
WNW	.4	.2	.5	.9								1.6	7.7
NW	.5	.4	.4									1.4	5.3
NNW	1.4	.9	.3	.2								2.9	4.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.2	//////
TOTALS	25.9	16.2	12.7	6.2	.6	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
AFGWC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.3	1.7	1.7	1.3	.2							11.2	4.8
NNE	4.1	3.4	1.5	.1								13.1	3.6
NE	5.4	1.7	1.0	.1								8.3	3.4
ENE	1.8	1.1	.1	.2								3.2	4.1
E	.6	.2										.8	5.5
ESE													
SE	.1	.1										.2	3.0
SSE	.1	.1	.1	.1								.4	7.0
S	.9	1.0	.9									2.7	4.9
SSW	1.2	2.0	2.9	.9								6.9	6.8
SW	.6	1.7	1.9	.9	.3							5.1	7.6
WSW	1.0	.8	.9	.9	.2							3.7	7.5
W	.5	.7	.6	.8	.7							2.9	9.3
WNW	.5	.5	.1	.2								1.3	5.9
NW	1.9	.2	.1	.3								1.8	5.6
NNW	2.2	.9	.7	.1	.1							3.7	4.1
VARIABLE		.1	.1									.2	4.5
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.5	1.1	1.6	.8	.1						4.9	10.8
NNE	2.0	1.9	1.1	.5								5.6	5.4
NE	4.7	3.0	1.5	1.6	.3							11.2	5.9
ENE	4.4	2.5	1.1	.3	.1							8.4	4.4
E	2.0	1.7		.2								4.0	3.8
ESE	1.2	.2										1.4	2.5
SE	.9			.1								.9	3.8
SSE	.5	.3	.2	.1								1.3	5.3
S	1.8	1.3	1.3	.2	.1							4.7	5.2
SSW	2.2	2.0	3.7	1.2	.2							9.2	7.1
SW	1.4	1.0	2.5	1.9	.1							6.9	8.3
WSW	.3	.7	.8	1.4	.2							3.2	10.6
W	.6	1.2	1.6	1.0	.3	.1						4.9	9.0
WNW	.1	.5	.9									1.5	7.1
NW		.4		.4								.9	9.1
NNW	.1	.2	.4	.5	.3	.1						1.6	11.9
VARIABLE		.1	.2	.1								.4	4.4
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.5	1.7	1.7	1.1	.9						6.9	11.0
NNE	1.1	1.4	1.2	.5	.4							4.6	7.5
NE	1.1	1.3	1.3	1.5	.3							5.5	8.1
ENE	.8	1.0	.4	.6	.1							2.9	7.1
E	.8	.6	.3	.1								1.8	5.1
ESE	1.0	.6	.1	.1								1.8	5.6
SE	.9	.2	.1									1.2	5.1
SSE	1.3	.2										1.5	5.3
S	3.8	2.6	.4	.4								7.2	6.2
SSW	2.9	3.3	3.0	2.0	.1	.1						11.4	7.7
SW	3.8	2.4	2.7	3.0	.4	.1						12.4	7.7
WSW	1.6	1.4	2.2	2.0	.3	.1						7.6	8.6
W	.8	1.1	1.2	.9	.1							4.1	7.6
WNW	.8	.9	.8	.4	.8	.1						3.7	9.6
NW	.3	.2	1.2	.6	.1	.1						2.5	9.9
NNW	.6	1.1	1.0	1.1	1.0	.2						4.9	10.1
VARIABLE	.2	1.4	3.5	1.1								6.2	5.2
CALM	//////////											13.0	//////
TOTALS	22.9	20.9	21.1	16.3	4.7	1.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.6	2.5	3.4	.9	.2						9.5	12.7
NNE	.4	1.5	1.4	.9	.1	.1						4.4	11.7
NE		.6	1.0	1.1	.1							2.8	9.9
ENE	.1	.4	.5	.7								1.7	8.3
E	.2	.2	.2	.1								.7	6.6
ESE	.6	.2	.1									1.	4.9
SE	.5	.2	.1									.7	5.4
SSE	.5	.5	.2									1.2	5.8
S	1.5	1.9	.9	.2								4.5	5.1
SSW	2.2	4.1	1.9	1.5	.3							10.0	7.7
SW	2.8	3.9	5.4	3.4	.5	.2						16.2	8.4
WSW	1.3	2.6	3.2	3.2	.3	.2						10.8	9.1
W	1.7	1.9	2.4	2.3	.2	.1						8.1	8.4
WNW	1.1	1.1	1.6	1.5	.8							6.2	9.1
NW	.9	.6	.9	1.1	.2	.2						3.9	9.9
NNW	.5	.9	1.1	2.3	.5	.1						5.4	10.7
VARIABLE	.1	.4	4.1	.5	.1							5.2	4.5
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	4.0	5.8	4.6	.8							16.9	6.8
NNE	1.1	1.2	1.2	.3	.1							3.9	6.3
NE	.2	1.3	.6	1.4	.1							3.7	9.2
ENE		.2	.2	.7								.9	9.9
E	.4	.2	.1									.8	7.4
ESE	.1	.1										.2	5.0
SE	.1	.2										.3	6.3
SSE	.3	.1	.6	.1								1.2	6.4
S	.9	1.1	.4									2.3	4.7
SSW	1.6	2.7	1.7	1.3	.3	.1						7.7	7.4
SW	2.7	4.7	3.7	2.3	.2							13.5	6.9
WSW	1.7	4.4	3.3	2.0	.2							11.7	7.0
W	1.5	2.8	3.1	1.4	.1							8.9	7.1
WNW	1.4	1.7	1.5	.6	.1							5.4	6.9
NW	1.0	1.0	1.4	1.7	.1	.1						5.3	8.7
NNW	1.2	1.1	1.8	1.7	.2							5.9	7.9
VARIABLE			.6	.1								.8	1.1
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.6	7.1	3.9	2.0	.1							17.7	6.0
NNE	2.6	3.7	2.2	.2								8.6	5.2
NE	1.6	1.6	1.1	1.1								5.3	6.3
ENE	.8	.5	.2	.1								1.6	4.7
E	.8	.4										1.2	3.0
ESE	.3	.1	.2									.6	4.5
SE	.4	.4										.9	3.5
SSE	.5	.3	.6									1.5	5.5
S	.8	1.3	.8									2.8	5.2
SSW	1.0	1.1	1.9	.6								4.1	6.8
SW	.9	2.2	2.4	1.4								6.8	7.9
WSW	1.7	2.4	1.9	.6								6.7	6.4
W	1.8	2.0	1.4	1.3	.3							6.9	7.0
WNW	.8	1.1	.5	.1								3.0	5.6
NW	1.1	.8	.8	.7								2.8	5.6
NNW	2.4	1.3	.9	.5	.1							5.5	6.8
VARIABLE				.1								.1	11.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 74-87
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.6	2.6	2.6	2.2	.6	.2						11.7	7.4
NNE	3.3	2.4	1.6	.4	.1	.0						7.7	5.1
NE	2.4	1.9	1.1	1.0	.1							6.4	6.0
ENE	1.4	.9	.4	.3	.0							3.1	5.1
E	.7	.6	.1	.1								1.5	4.0
ESE	.6	.2	.1	.0								.9	3.3
SE	.4	.2	.0	.0								.7	3.4
SSE	.5	.4	.3	.3								1.2	4.7
S	1.4	1.5	.9	.1	.0							4.0	5.0
SSW	1.6	2.5	2.4	1.1	.1	.0						7.9	7.0
SW	1.8	2.3	2.8	1.9	.2	.0						8.9	7.7
WSW	1.1	1.7	1.7	1.4	.2	.0						6.2	7.9
W	1.1	1.4	1.5	1.2	.2	.0						5.4	7.7
WNW	.7	.9	.8	.4	.2	.0						3.0	7.6
NW	.8	.5	.6	.6	.1	.1						2.6	7.5
NNW	1.3	1.0	.7	.7	.3	.1						3.9	7.3
VARIABLE	.0	.3	1.1	.2	.0							1.7	6.4
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.5	//////
TOTALS	22.7	21.2	18.7	11.9	2.1	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0700-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	3.6	2.4	.8	.2							10.3	5.8
NNE	3.8	5.7	1.8	.9	.1							12.2	5.2
NE	2.9	3.7	1.6	2.0	.2							10.3	6.7
ENE	.7	1.2	.6	.2	.1							2.8	6.1
E	1.0	.7	.1	.1								1.9	4.2
ESE	.6	.1										.7	2.5
SE		.2	.3	.1								.7	8.7
SSE	.6	1.4	.2	.2								2.4	5.2
S	.7	2.0	1.1	1.1								4.9	7.1
SSW		1.0	3.4	.6								5.1	8.1
SW	1.1	1.3	1.3	1.0								4.8	6.8
WSW	.3	.9	2.0	.4								3.7	7.8
W	.8	.9	.9	.3	.2							3.1	7.1
WNW	.6	.2	.7	.1	.1							1.7	7.0
NW	.8	.1	.3									1.2	4.0
NNW	1.6	1.0	.1									2.7	3.5
VARIABLE	.1		.3									.4	6.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	2.9	.8	1.2								9.6	4.7
NNE	6.8	4.0	2.0	.6								13.3	4.5
NE	3.2	3.6	2.3	.9	.2							10.2	5.8
ENE	2.0	1.3	.3	.1	.2							4.0	4.7
E	.3	.3	.3									1.0	5.6
ESE	.1	.2										.3	4.
SE	.1	.1	.3	.1								.7	7.0
SSE	.3	.8										1.1	3.8
S	1.1	2.2	2.0	.7								6.0	6.5
SSW	.6	1.3	2.0	.4								4.3	6.9
SW	.6	1.1	2.8	.4								4.9	7.5
WSW	.1	1.1	1.6	.3								3.1	7.0
W	.8	.7	1.7	.3	.1							3.6	7.5
WNW	.2	.3	.3	.4	.1							1.4	8.5
NW	.6	.4	.2	.1								1.3	4.8
NNW	1.4	.6	.1									2.1	3.2
VARIABLE			.1									.1	7.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	2.1	1.0	.9	.1							8.1	5.0
NNE	7.7	4.1	1.3									13.1	3.7
NE	5.3	2.9	1.0	1.0	.1							10.3	4.6
ENE	2.8	1.7	.7	.3								5.4	4.6
E	.3	.2										.6	2.8
ESE	.3	.4										.8	3.6
SE		.1	.4									.6	8.6
SSE	.3	.8	.1									1.2	4.7
S	.9	2.7	1.2	.9								5.7	6.7
SSW	.8	1.7	2.0	.4								4.9	6.5
SW	.8	1.6	2.4	.8								5.6	7.1
WSW	.7	1.6	.8									3.0	5.2
W	.4	.3	.4	.2								1.4	6.3
WNW	.3		.7	.6								1.6	9.0
NW	.7	.1	.2									1.0	4.1
NNW	1.1	.2	.1	.1								1.6	4.1
VARIABLE	.1	.2	.1									.4	5.8
CALM	//////////											34.8	//////
TOTALS	26.6	20.7	12.6	5.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.9	1.4	2.3	.6							6.0	9.8
NNE	2.8	2.0	1.9	.8	.1							7.6	5.9
NE	4.3	2.9	2.1	2.1	.2	.2						11.9	6.7
ENE	3.1	3.8	1.0	1.6								9.4	5.9
E	2.0	1.6	.3	.2								4.1	4.9
ESE	1.3	.6										1.9	2.9
SE	.8	.3	.2	.2								1.6	5.3
SSE	1.4	.3	.1									1.9	2.9
S	1.0	1.2	1.4	.9	.3							4.9	5.0
SSW	1.9	3.3	3.8	.7		.1						9.8	6.5
SW	.4	1.6	3.1	2.1	.2							7.4	9.1
WSW	.8	.8	2.0	1.3	.1							5.0	8.5
W	.3	.7	.3	.9	.1							2.2	8.7
WNW	.3		.2	.3								.9	7.9
NW	.2	.3	.2	.2		.2						1.2	9.9
NNW	.3	.1	.2	.1		.1						.9	7.9
VARIABLE	.2	.4	.9	.3								1.2	6.8
CALM	//////////											22.1	//////
TOTALS	22.1	20.8	18.9	17.4	1.7	.7						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.3	2.0	1.1	1.3	.1						8.3	9.9
NNE	.6	1.8	2.2	1.4								6.2	7.9
NE	1.3	1.4	1.3	1.2	1.1	.1						6.6	9.3
ENE	1.2	1.2	.3	.4	.3							3.6	6.9
E	1.1	1.3		.4								2.9	5.1
ESE	.8	.6	.2									1.6	4.1
SE	.8	.4	.7	.3								2.2	5.9
SSE	1.0	.9	.3	.2								2.4	5.1
S	2.6	2.4	1.0	.9	.4							7.3	6.2
SSW	2.2	3.9	2.9	1.7	.4							11.1	7.1
SW	1.7	2.2	3.4	4.0	.3							11.7	8.9
WSW	1.0	2.0	2.2	2.8	.2	.1						8.3	9.2
W	1.2	1.8	.6	1.2								4.8	6.8
WNW	.2	.9	.3	.6	.4	.1						2.6	9.9
NW	.7	.2	.1	.3								1.3	5.8
NNW	.9	.7	.3				.2					2.1	6.9
VARIABLE		1.3	4.2	1.1	.1							6.8	4.8
CALM	//////////////

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (TO)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
[illegible]	1.3	1.3	4.6	1.6	1.7							10.4	9.7
[illegible]	.8	.9	1.1	1.1	.2							4.1	8.6
[illegible]	.4	.4	.8	1.4	.6							3.7	11.1
[illegible]	.7	.2	.1	.8	.1							1.9	8.2
[illegible]	1.0	.4	.1									1.6	3.4
[illegible]	.7	.6	.6									1.8	4.9
[illegible]	.7	.3	.4	.2								1.7	5.8
[illegible]	.2	.7	.9	.6								2.3	7.8
[illegible]	1.7	2.1	1.3	1.0	.3							6.4	6.8
[illegible]	2.4	2.2	2.7	1.3	.4	.1						9.2	7.3
[illegible]	1.6	3.0	4.6	2.3	1.0	.4						13.3	9.3
[illegible]	1.1	2.4	3.0	3.2	.7							10.4	9.2
[illegible]	1.2	2.8	1.9	1.6	.1	.2						7.8	7.8
[illegible]	1.4	1.1	1.3	1.1	.1	.2						5.3	8.0
[illegible]	1.2	1.1	.6	.8	.1							3.8	6.6
[illegible]	.7	1.6	.4	.4	.2							3.3	7.1
[illegible]		1.2	3.9	1.6	.1							6.8	8.9
[illegible]	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION & SPEED, WIND ROSE
FOUR PRIMARY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78 87
MONTH: ANN HOURS: 01 04 07 10

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN SPEED
N	2.4	2.7	5.1	4.7	1.4	.1						16.3	7.7
NNE	.6	1.1	1.6	1.1								4.3	7.6
NE	.9	.1	1.5	1.4	.5							4.4	7.4
ENE	.4	.4	.7	.4		.1						2.0	7.4
E	.2	.3	.2	.1								.9	5.9
ESE		.2	.1	.1								.4	6.1
SE	.2	1.2	.8	.4								2.7	7.
SSE	.8	.8	1.2	.1								2.9	6.1
S	.9	2.2	1.8	.4								5.3	6.
SSW	.9	1.2	1.6	.4	.1	.1						4.3	7.1
SW	1.8	2.2	2.2	.9	.1							7.2	7.4
WSW	1.8	1.8	1.6	.6	.1							6.0	6.3
W	1.2	2.8	3.2	1.2	.2							8.6	7.
WNW	.2	1.2	1.5	.2	.1							3.2	7.3
NW	1.8	.7	.7	.2								3.3	5.7
NNW	.7	2.8	.7	.2								4.4	5.7
VARIABLE		.2	.0	.0								.3	3.7
C	//////////////

...L...AL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
...AFGWC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

...TA NUMBER: 24... STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ...

...TION	WIND SPEED IN KNOTS											TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	%	WIND
N	4.7	6.7	5.7	2.7	.2							19.9	6.7
...E	2.3	2.9	5.1	1.1								11.5	6.5
E	.9	1.7	1.2	1.4	.1	.1						5.7	8.8
...E	.9	.4	.6	.4	.2							2.4	7.2
S	.4	.6	.1	.1								1.2	5.1
...W	.9	.4										.7	5.0
W	.7	.7	.4	.1								1.9	5.6
...W	1.7	.9	.3									3.1	4.7
NW	1.1	1.9	1.7	.4								5.5	7.7
...N	.9	1.6	.6	1.7								6..	7.9
...	.8	1.9	1.1	.9								4.7	6.6
...N	.4	.7	.8	.7								2.3	6.7
...	1.1	1.7	1.8	.4								5..	7.7
...N	.3	.9	.1	.7	.2							2.7	6.3
...	1.7	.7	.3									2.7	5.9
...N	2.4	2.1	.7	.1								5.3	5.9
...TABLE		.1	.1	.7								.6	9.6
...M	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08370 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): ALL

DIRECTION (TO)/SPEED(KT)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN WIND
N	2.8	2.8	2.6	1.8	.7	.3						11.1	7.4
NNE	3.2	2.8	1.5	.9	.1							8.8	5.7
NE	3.4	2.1	1.4	1.5	.4	.1						8.9	7.2
ENE	1.7	1.7	.5	.3	.1	.1						4.5	6.
E	.8	.7	.2	.1								1.8	5.5
ESE	.5	.4	.1	.1								1.1	6.1
SE	.9	.9	.3	.2								2.3	6.9
SSE	.8	.8	.3	.1								2.1	6.4
S	1.2	2.1	1.9	.4	.1							5.8	6.8
SSW	1.2	2.1	2.8	.7	.1	.1						7.2	7.
SW	1.0	1.9	2.6	1.8	.2	.1						7.6	8.2
WSW	.9	1.8	1.9	1.8	.2	.1						6.7	8.1
W	.9	1.8	1.3	.3	.1	.0						4.7	7.3
WNW	.6	.6	.7	.5	.1	.1						2.7	7.9
NW	.9	.5	.3	.2	.0	.1						1.9	5.7
NNW	1.2	1.1	.3	.1	.	.1	.1					3.4	5.
VARIABLE	.1	.9	1.2	.3	.							2.2	4.7
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-2300

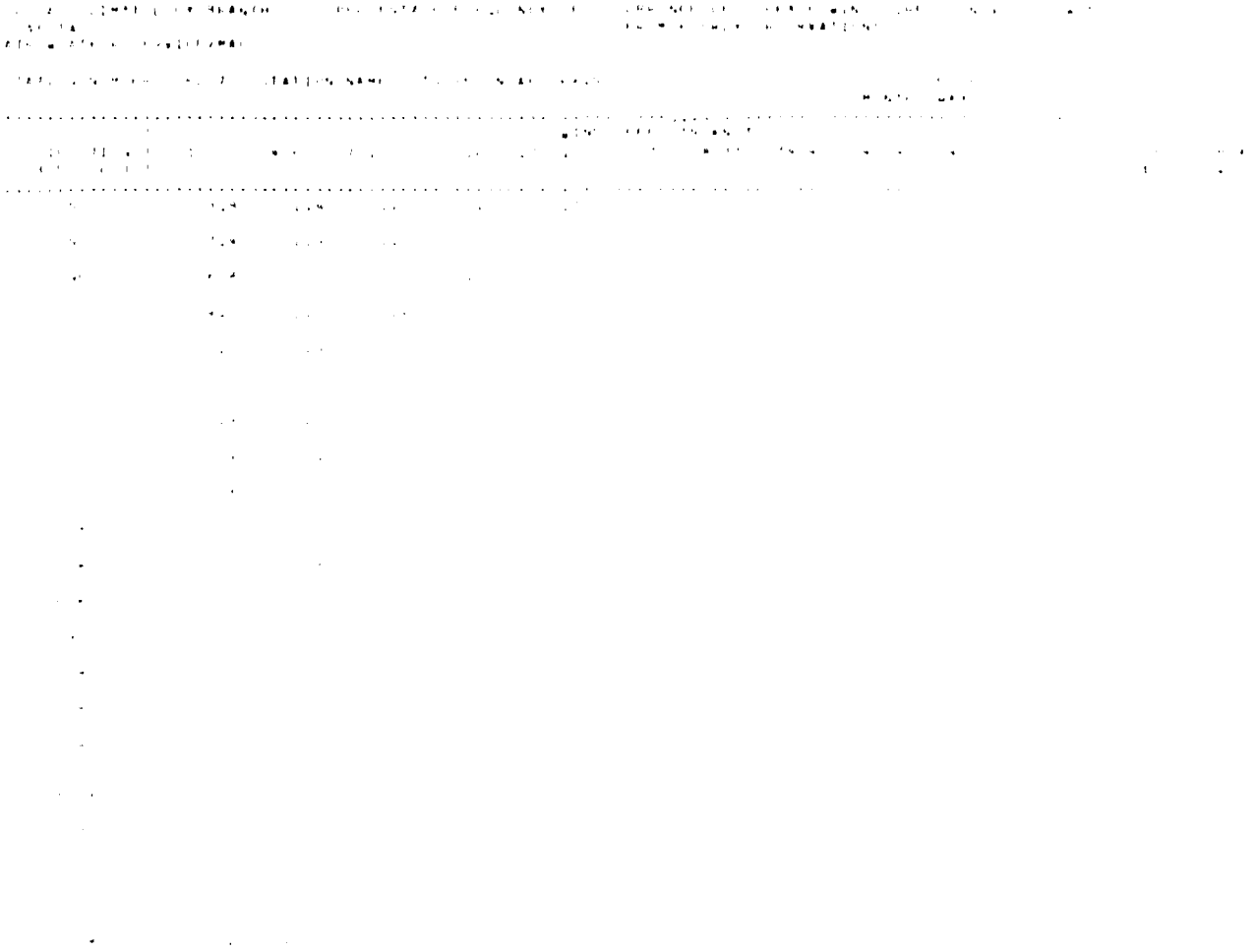
DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.4	2.6	1.4	.5	.1	.1						10.1	4.6
NNE	4.4	3.9	4.2	1.5		.1						14.2	5.8
NE	2.4	1.7	2.5	1.2								7.8	6.1
ENE	1.2	1.1	.8	.1								3.1	4.8
E	1.5	1.0										2.5	3.1
ESE	.4	.4										.9	3.4
SE	.2	1.1	.2	.1								1.6	5.5
SSE	.5	.6	.5	.4	.1							2.1	7.4
S	1.0	2.3	1.2	.1								4.6	5.7
SSW	1.0	1.8	1.9	.1								4.7	5.8
SW	.3	2.3	1.4	1.0								5.1	7.4
WSW	.6	1.2	.6	.3								2.5	5.8
W	1.4	1.1	.8	.2								3.4	5.
WNW	.2	.2	.1	.2								1.	7.2
NW	.9	.9	.2									1.9	5.2
NNW	1.2	.2										1.5	3.4
VARIABLE		.4	.2	.1								.7	6.9
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD [illegible]
MONTH MAY [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	[illegible]	[illegible]	[illegible]
N	4.9	[illegible].7	.9	.4	.3								
NE	6.1	3.7	2.6	.3									
NE	3.1	3.0	1.1	.4	.1								
ENE	1.9	2.7	.3										
E	.6	.4	.1										
ESE	.1												
SE	.3	.1	.1	.1									
SSE	.3	.3	.3	.1									
S	.8	1.3	1.1										
SSW	1.3	2.4	1.5	.1	.3								
SW	.3	1.4	.4	.1	.1								
WSW	1.3	.1	.3										
W	.6	.3	.3										
WNW	.3	.1	.1										
NW	.3	.1		.1									
NNW	1.3	.3											
VARIABLE			.1										
CALM	//												
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS [illegible]



[illegible] [illegible] [illegible] [

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.9	1.0	1.4	.4	.1						5.1	5.9
NNE	1.6	1.5	.6	.5	.1	.2	.2					4.8	7.5
NE	.9	1.3	1.4	.9								4.4	7.7
ENE	.8	1.1	.9	.9								3.8	7.7
E	.8	1.7	.4									2.9	6.7
ESE	.9	.6	.3									1.8	5.5
SE	.6	.9	.1									1.7	6.4
SSE	1.1	1.2	.1									2.4	5.8
S	1.9	2.8	1.2	.3								6.2	7.1
SSW	1.7	2.7	4.1	1.7								10.2	9.1
SW	2.0	3.3	6.1	3.2	.1							14.7	9.1
WSW	1.3	1.4	3.9	2.7								9.4	8.7
W	1.1	2.4	2.0	1.6								7.1	7.7
WNW	.4	.4	.8	1.3								2.9	9.1
NW	.4	.6	.5									1.5	6.5
NNW	1.2	.5	.8	.7								3.2	7.9
VARIABLE	.2	2.9	7.8	1.7	.1							12.7	7.7
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.7	2.6	1.6	.4	.2						7.2	9.1
NNE	.4	.6	1.7	.8	.3	.1						4.5	9.4
NE	.3	.9	1.1	.6	.2							3.1	8.3
ENE	.5	1.5	.3	.4								2.8	6.0
E	.5	1.5	.2									2.3	4.5
ESE	.5	.8	.2									1.5	4.1
SE	.4	.3	.5	.1								1.4	6.1
SSE	.8	.4	.3	.4								1.9	5.6
S	1.2	1.9	1.9	.2								5.3	6.2
SSW	1.5	2.9	4.1	1.1	.1							9.6	6.9
SW	1.0	2.5	6.0	3.[illegible]	.2	.1						13.2	8.7
WSW	1.1	2.6	5.1	5.4	.5							14.5	9.4
W	.9	1.8	2.0	1.7	.1							[illegible]	8.1
WNW	.4	1.0	2.0	1.[illegible]	.3							4.9	9.[illegible]
NW	.4	.6	.5	.4								2.2	6.9
NNW	.3	.6	.9	.[illegible]								3.1	7.2
VARIABLE		1.2	7.8	[illegible]	.2							12.7	9.6
CALM												3.8	
TOTALS	11.3	23.[illegible]	37.4	21.[illegible]	2.6	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.9	5.3	2.6	.2							12.9	7.9
NNE	.9	2.3	2.0	.5	.5							6.2	7.8
NE	.3	.9	1.3	1.0	.1							3.5	8.7
ENE	.3	.3	.5	.4								1.6	7.8
E	.3	.1	.5									1.0	6.0
ESE	.8	.4	.3									1.5	4.1
SE	.4	.9	.3	.2								1.8	6.1
SSE	1.1	.9	.9	.4								3.2	6.1
S	.6	1.6	1.4	.3								4.7	6.3
SSW	1.4	1.8	1.3	.5								4.9	6.2
SW	.8	3.4	3.3	2.2	.2							9.9	8.2
WSW	2.0	3.4	5.7	4.1	.2							15.5	8.2
W	1.4	3.5	2.9	.8		.1						8.7	6.5
WNW	.5	1.9	2.9	.9	.1							6.3	7.6
NW	.9	.9	1.7	.5	.1							4.1	7.5
NNW	.5	.9	1.0	.3								2.7	6.7
VARIABLE	.1		2.4	1.?								3.4	9.4
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 21:00-23:00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.2	4.9	3.1	.1								13.3	4.7
NNE	2.6	3.9	2.4	1.0	.1	.1						10.2	6.1
NE	1.8	2.2	2.2	1.3	.1							7.5	6.7
ENE	.5	1.1	.4	.3								2.4	6.1
E	.6	1.2										1.8	4.7
ESE	.5	.2	.2	.1								1.1	4.4
SE	.4	.3	.3									1.1	4.7
SSE	.4	.5	.2	.9								2.0	7.4
S	.5	2.0	1.6	.2	.1							4.5	7.1
SSW	.5	1.7	1.4	.1								3.8	5.8
SW	1.6	2.6	1.4	.6								6.2	5.9
WSW	1.3	2.4	2.3	.8								6.8	6.4
W	3.0	2.9	.5	.1								6.6	4.7
WNW	1.5	1.1	.6	.2								3.5	5.1
NW	1.1	.5	.4	.1								2.2	5.4
NNW	1.6	2.5	.2	.1								4.5	4.1
VARIABLE			.2									.2	4.5
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN KTS
N	3.0	2.2	2.0	1.3	.3	.1						8.9	7.7
NNE	3.1	2.3	2.0	.7	.1	.1	.0					8.3	7.6
NE	2.3	1.5	1.6	.9	.1							6.3	7.1
ENE	1.5	1.5	.7	.4								4.1	6.1
E	1.2	1.1	.7	.2								3.2	6.4
ESE	.9	.4	.1	.0								1.4	5.3
SE	.5	.3	.2	.1								1.1	5.7
SSE	.8	.4	.3	.1	.0							1.7	6.1
S	1.2	2.1	1.2	.4	.1							4.9	6.1
SSW	1.9	2.7	2.5	.7	.1							7.9	6.1
SW	1.1	2.0	1.1	1.1	.1	.0						5.4	7.0
WSW	1.1	1.4	2.7	1.2	.1							6.5	7.3
W	1.1	1.7	1.1	.3	.1	.1						4.4	7.0
WNW	.3	.7	1.1	.3	.1							2.6	7.2
NW	.3	.2	.2	.1	.0							1.0	6.7
NNW	1.1	.4	.2	.1								1.8	5.4
VARIABLE	.1	.1	.1	.0	.0							.3	5.4
CALM	11.4											11.4	0.0
TOTAL	41.4	29.2	21.3	8.1	1.4	.2	.0					100.0	6.4

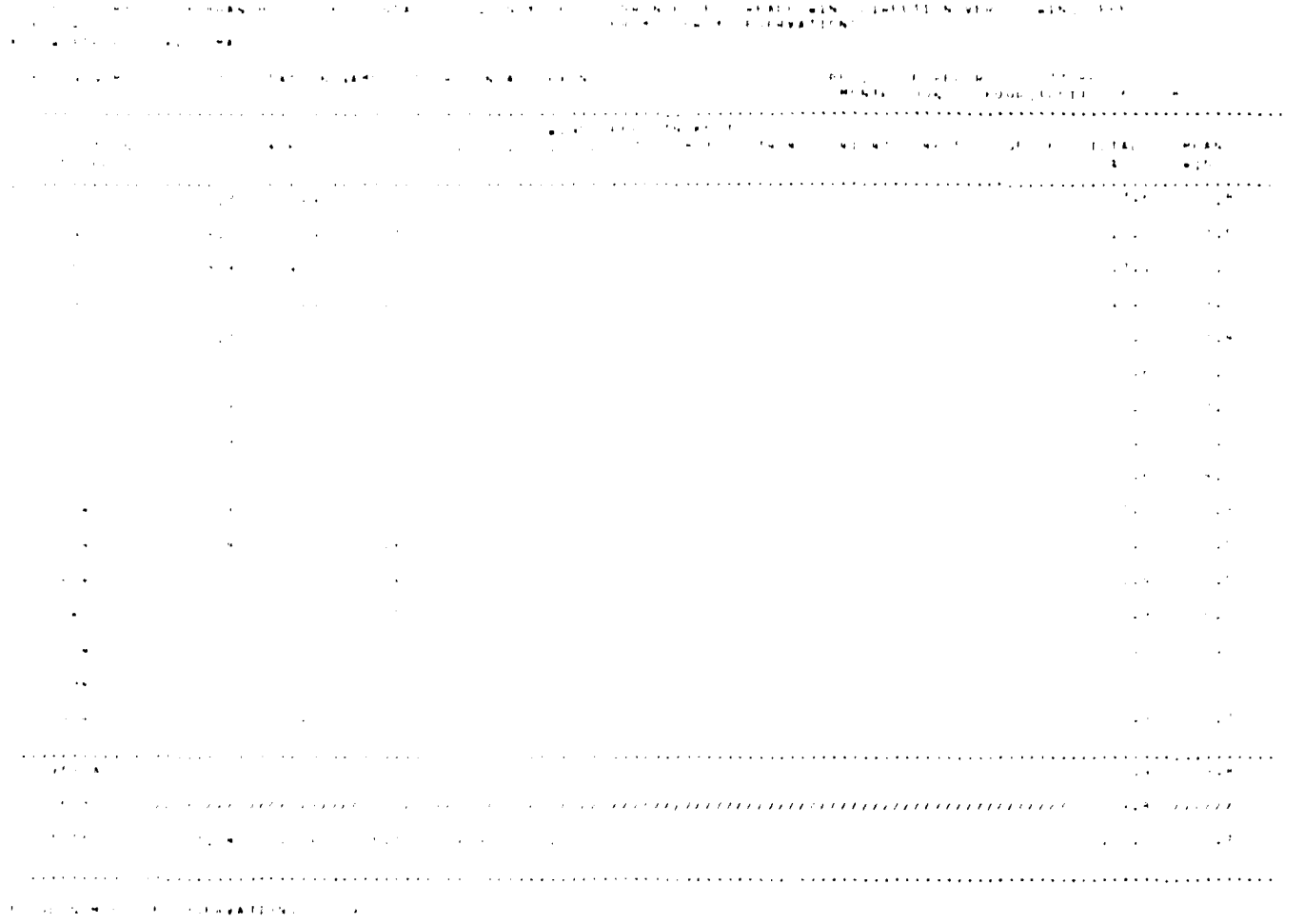
NUMBER OF OBSERVATIONS = 7144

...L. CLIMATOLOGY BRANCH
...AFB, TX
...WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

...TATION NUMBER: 63220 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (...=...)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
...	...9	2.4	.4									7.9	3.4
...E	...9	7.7	3.7	1....								19.2	5.2
...E	...3	4.9	4.2	1....								15.3	5.7
...E	1.7	1.0	.1	....								3.2	4.2
...	1....	.6										1.6	2.9
...E	.6	.1	.2	.1								1.0	4.6
...E	.9	.2	.9	.1								1.2	5.7
...	.6	.6	.9	.4	.1							2....	6.8
...	.9	1.9	.8	.2								2.9	5.7
...E	1.7	.6	1....									2.9	4.9
...E	.9	.6	.2	.1								2....	4.9
...E	1.9	.9		.7								2.7	4.7
...E	.7	.9	.6									2.1	4.8
...E	.7	.6	.1	.1								1.1	5.1
...E	....	.7										.9	3.9
...E	1.7	.9	.7									2....	3.9
...ABLE	.1	.2	.7									.7	6.9
...E	////////////



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.4	.9	.1								2.3	5.0
NNE	2.0	.7	.9	.3								3.9	5.1
NE	2.6	1.4	2.3	1.6	.2							8.1	7.2
ENE	3.8	5.4	1.9	1.2								12.3	5.9
E	4.7	3.1	.7	.2								8.7	5.8
ESE	2.6	.3	.2									3.1	2.9
SE	2.3	1.1	.1									3.7	4.1
SSE	2.9	.7	.2	.1								3.9	3.7
S	5.6	2.0	.7	.1								8.3	4.4
SSW	3.6	3.3	1.7	.6								8.9	5.1
SW	1.3	2.2	2.4	.4								6.4	6.4
WSW	.8	1.1	1.8	.9								4.7	7.5
W	.1	.4	.3	.7								1.6	8.5
WNW	.1	.2	.2	.2		.1						.9	10.3
NW	.2	.1	.1									.4	4.2
NNW	.1											.1	3.0
VARIABLE	.2	1.7	3.1	.9								5.9	7.8
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

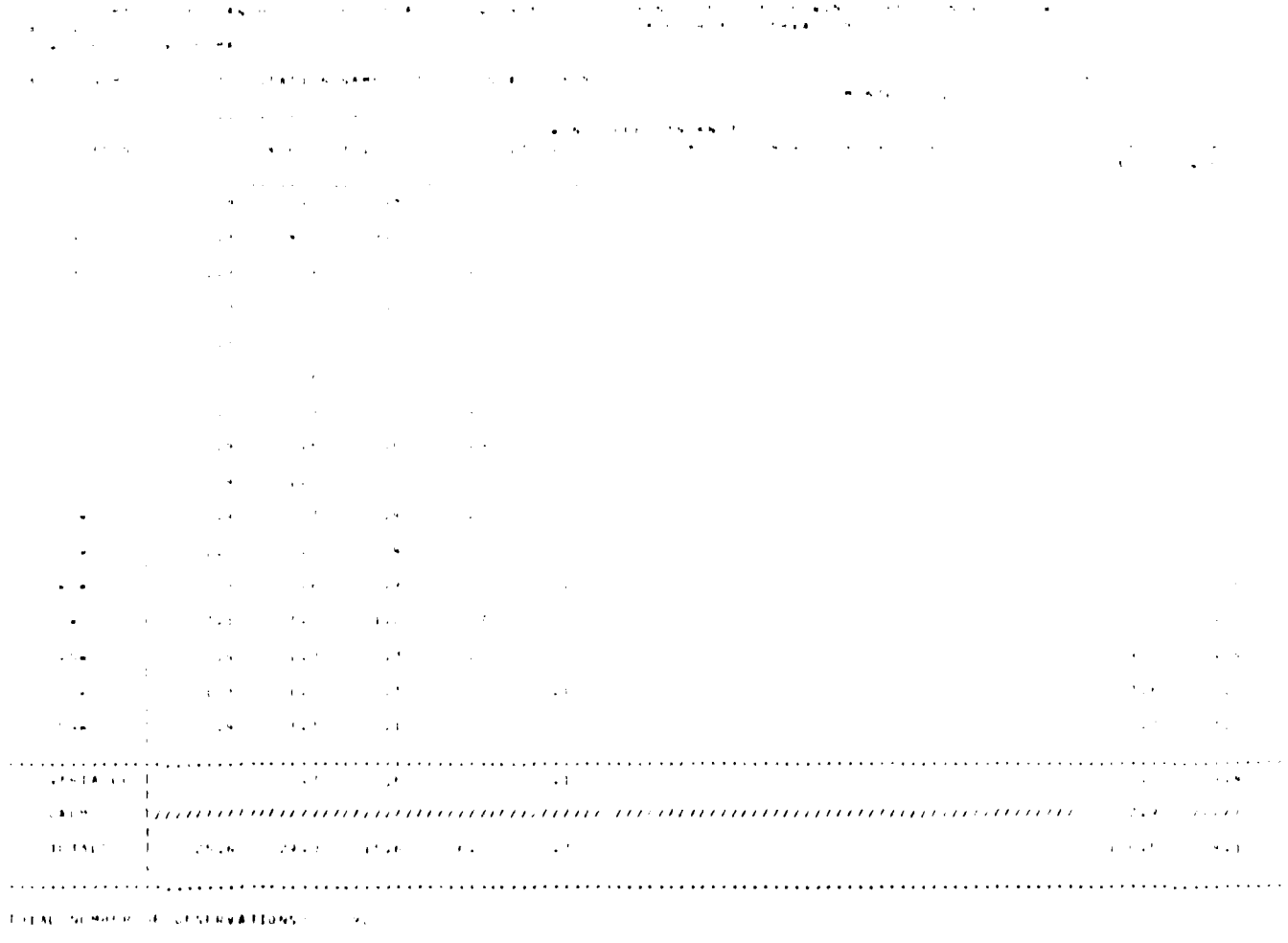
PERIOD OF RECORD: 77-85
MONTH: JUN HOURS(LST): 0 1 2 3 4

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	.7	1.2	.2								3.	7.0
NNE	.9	.9	.6	.1								2.	5.7
NE	1.0	.6	1.0	.1								2.7	5.7
ENE	1.1	1.2	1.9	.3								4.5	7.4
E	.8	1.0	.6									2.3	5.7
ESE	2.2	1.3										3.5	5.4
SE	1.6	.7	.3									2.7	5.4
SSE	2.6	1.8	.3									4.7	5.
S	3.1	1.0	1.2	.3								5.7	6.8
SSW	3.3	4.4	3.1	.4								11.3	7.2
SW	1.7	3.9	5.0	2.2	.2							13.	9.9
WSW	1.9	2.3	2.	1.9	.1							8.7	9.3
W	1.0	2.8	1.7	.7								6.1	8.3
WNW	.6	.6	.6	.2								2.	8.2
NW	.3	.1	.3	.2								1.1	9.3
NNW	.6	.4	.3	.1								1.4	7.4
VARIABLE	.7	4.0	10.2	.7								15.7	4.
CALM	//////////////

...AL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND ...
...SATELLAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: ... MO
MONTHS: JUN HOURS(LST): ... ...

DIRECTION (TO...) (LST)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 & OVER	TOTAL %	MEAN SPEED
N	.5	1.0	1.9	1.7								...	...
NNE	1.1	1..	.8	.9								...	...
NE	.8	.9	.6	.7								.	..
ENE	.7	.9	.9									.	...
E	.6	1.7	1.7	.1								...	...
ESE	.9	.9	.1									...	...
SE	1..	.9	.1	.1								.	..
SSE	1.2	1.6	.7	..	.1							...	...
S	1.6	...	...	.								...	..
SSW	1.8	2.8	2.1	.8								...	...
SW	1.1	2.0	4.7	1..								...	.
WSW	1..	1.9	...	...	.8							...	.
W	1..	3.1	...	1.								...	...
WNW	..	...	1.2	1.								...	...
NW	1..	1.	..	.								...	..
NNW	..	..	..	..								.	...
CALM	.1	3..	12.3	9.	.1							..	..
VAR	////////////



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77 82
MONTH: JUL HOURS/OBS: 24

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.4	1.8	.9	.4	.1	.1						8.7	4.
NNE	5.6	6.4	2.9	.2	.1							15.	4.
NE	9.1	8.7	3.9	.4	.1							17.4	7.4
ENE	1.6	2.3	1.2	.3								5.	7.1
E	.6	.9										1.	5.7
ESE	.3	.5	.1									1.1	5.7
SE	.2	.4	.3	.1								1.2	7.3
SSE	.3	.8	.6	.1								1.8	6.6
S	.9	1.7	.3									2.9	4.3
SSW	.6	.4	.5									1.5	6.0
SW	.6	.5	.2									1.3	5.2
WSW	.5	.8	.4									1.7	6.2
W	.8	.7	.1									1.6	5.0
WNW	.6	.2	.1	.1								1.1	4.4
NW	1.1	.4										1.6	3.8
NNW	1.7	1.1	.2									3.	5.4
VARIABLE			.1									.1	8.0
CALM	////////////

USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0500-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.2	1.4	.5									8.1	3.2
NNE	10.1	4.9	1.5	.6	.2	.1						17.5	4.1
NE	6.9	3.1	2.0	.6								12.7	4.1
ENE	3.6	1.4	.6	.3								5.9	4.1
E	1.1	.6	.1									1.9	3.2
ESE	.6	.2										.7	3.3
SE	.3	.2										.5	3.9
SSE	.4	.5										1.0	5.7
S	1.1	1.3	.2									2.6	4.2
SSW	.6	1.0	.9	.2								2.7	7.7
SW	.2	1.0										1.1	4.5
WSW	.3	.4	.1									.7	4.1
W	.1											.1	2.7
WNW	.2		.2									.4	5.5
NW	.4											.4	1.5
NNW	1.2	.2										1.4	2.4
VARIABLE													
CALM	//////////											42.2	//////
TOTALS	33.1	16.7	6.2	1.8	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN KTS
N	2.9	.6	.3	.1								[illegible]	[illegible]
NNE	7.3	2.6	1.5	.3		.1						[illegible]	[illegible]
NE	9.8	3.5	1.9	1.[illegible]	.1	.1						[illegible]	[illegible]
ENE	8.2	3.3	1.5	.4	.1							[illegible]	[illegible]
E	2.3	.2										[illegible]	[illegible]
ESE	.5	.1	.1									[illegible]	[illegible]
SE	.2											[illegible]	[illegible]
SSE	.1	.1										[illegible]	[illegible]
S	.6	1.0	.4									[illegible]	[illegible]
SSW	.4	1.4	.8	.3								[illegible]	[illegible]
SW	.4	.9	.8									[illegible]	[illegible]
WSW	.1	.1										[illegible]	[illegible]
W	.5											[illegible]	[illegible]
WNW	.1	.1										[illegible]	[illegible]
NW	.1			.1								[illegible]	[illegible]
NNW	.5	.1										[illegible]	[illegible]
VARIABLE	.2											.2	1.0
CALM	//////////											41.2	//////
TOTAL	39.4	14.9	7.3	2.7	.2	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

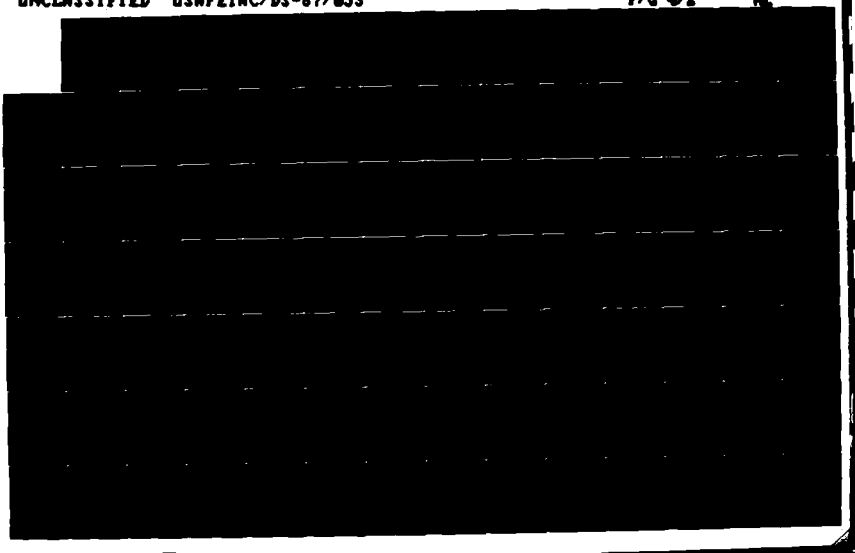
FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

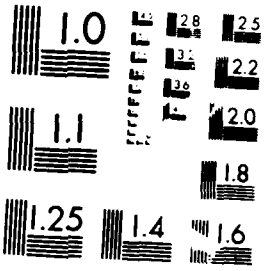
PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1503-1703

	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	%	WIND

AD-A186 769 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 13 AUG 87 2/3

UNCLASSIFIED USAFETAC/DS-87/053 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.1	1.9	3.0	.1							6.3	10.0
NNE	.1	.5	.8	.4								1.8	8.5
NE	.6	.6	.9	.9	.1							3.1	8.1
ENE	.5	.8	1.6	.6								3.5	7.6
E	.2	.8	.5	.3								1.9	6.8
ESE	.3	.4	.1									.9	4.8
SE	.4	.9	.3									1.6	4.5
SSE	.3	1.1	.8									2.2	5.7
S	1.8	2.5	1.2	.2								5.7	5.0
SSW	2.2	4.3	2.6	.3								9.4	5.5
SW	2.0	4.4	4.6	2.4	.1							13.5	7.3
WSW	2.5	5.9	5.8	1.5	.1							15.8	6.7
W	2.2	4.5	3.7	1.1		.1						11.5	6.7
WNW	1.1	2.2	1.7	.1								5.1	5.6
NW	.6	.5	.3									1.5	4.6
NNW	.4	1.1	1.1	.3								2.9	6.9
VARIABLE	.2	1.2	4.2	1.3								6.9	8.5
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.5	//////
TOTALS	15.8	32.7	32.0	12.5	.4	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.6	3.7	3.0	1.2								11.4	5.7
NNE	3.2	3.6	1.9	.8	.2							9.7	5.5
NE	2.6	3.4	2.6	1.7								10.3	6.5
ENE	.8	.6	.3	.4								2.2	6.4
E	1.2	.6	.2									2.0	3.4
ESE	.4	.4										.9	3.4
SE	.2	.3	.3	.1								1.0	6.2
SSE	.5	.4	1.3		.1							2.4	6.8
S	.8	.9	.3		.1							2.0	5.1
SSW	.9	1.1	.4									2.4	4.3
SW	1.9	1.5	.3									3.8	3.7
WSW	2.0	1.8	.8									4.6	4.3
W	4.4	5.5	1.0	.2								11.1	4.2
WNW	3.4	.6	.5									4.6	3.2
NW	2.4	.9	.2									3.4	3.1
NNW	2.9	1.9	.1									5.0	3.3
VARIABLE			.2	.3								.5	11.8
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	1.3	1.1	1.0	.0	.0						6.1	5.8
NNE	3.6	2.6	1.3	.5	.1	.0						8.1	5.0
NE	3.5	2.3	2.2	1.2	.1	.0						9.2	5.9
ENE	2.5	1.6	1.2	.5	.0							5.9	5.3
E	1.5	1.0	.3	.1								2.8	3.9
ESE	1.1	.5	.1	.0								1.8	3.4
SE	.9	.5	.2	.1								1.7	4.3
SSE	.9	.7	.4	.0	.0							2.1	4.6
S	2.0	2.3	.9	.1	.0							5.4	4.8
SSW	1.7	2.8	2.1	.5								7.1	5.9
SW	1.2	2.3	2.1	.9	.0							6.5	6.7
WSW	1.0	2.2	1.7	.6	.0							5.5	6.5
W	1.3	2.0	1.2	.5		.0						5.0	5.9
WNW	1.0	.6	.5	.0								2.1	4.5
NW	.7	.3	.1	.0								1.2	4.0
NNW	.9	.6	.2	.1		.0						2.0	4.4
VARIABLE	.1	1.1	3.9	.8								5.9	8.3
CALM	//////////											21.5	//////
TOTALS	26.5	24.9	19.5	7.1	.3	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.8	1.9	1.4	.3	.2							9.7	4.2
NNE	6.9	7.6	5.7	1.6	.1							21.9	5.6
NE	4.8	4.9	3.0	1.6	.1							14.5	5.6
ENE	2.2	1.8	.6	.1								4.7	4.2
E	1.0	.8	.1									1.8	3.6
ESE	.2	.6										.9	4.1
SE	.2	.4	.1									.8	4.0
SSE	1.2	.4	.4	.1								2.2	4.5
S	.6	1.3	.3	.1								2.4	5.1
SSW	1.5	1.5	.4									3.4	4.2
SW	1.0	.4	.1									1.5	3.6
WSW	.4	.2	.1									.9	3.6
W	.5	.9										1.4	3.4
WNW	.9	.1	.1									1.1	3.0
NW	1.0	.2										1.2	2.6
NNW	1.6	.2										1.8	2.2
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.0	//////
TOTALS	29.8	23.4	12.5	3.9	.4							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0500-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.2	1.2	.3	.4	.1							8.1	3.4
NNE	8.5	4.5	3.6	.6								17.2	4.6
NE	8.9	5.3	1.3	.5	.1							16.1	4.1
ENE	2.3	3.1	.5	.2								6.1	4.4
E	1.7	1.1										2.8	3.1
ESE		.1	.2									.3	7.3
SE	.9		.1									1.0	2.7
SSE	.1		.1									.2	5.0
S	.5	1.5	.2									2.3	4.4
SSW	1.2	1.2	.6									3.0	4.4
SW	.2	.6										.9	3.9
WSW	.4	.4		.1								1.0	4.1
W	.3	.1	.1									.5	4.0
WNW	.4	.2	.1									.8	3.6
NW	.2	.1										.3	3.3
NNW	1.5	.4	.1	.1								2.2	3.3
VARIABLE			.1									.1	7.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	36.9	//////
TOTALS	33.5	19.9	7.4	2.3	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(EST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	.8	.8	.6								7.2	4.1
NNE	10.8	4.3	2.5	.3								17.8	3.9
NE	13.4	5.2	2.8	.8								22.2	3.9
ENE	5.3	3.3	.3	.2								9.1	3.4
E	1.6	.8	.1									2.5	3.2
ESE	.3											.3	2.0
SE	.1											.1	2.0
SSE	.1	.2	.1									.4	4.8
S	.9	.6	.1									1.6	3.9
SSW	.5	.6	.5									1.7	5.4
SW	.5	.6	.5									1.7	5.2
WSW													
W	.2											.2	2.0
WNW													
NW	.1			.1								.2	7.0
NNW	.2	.1	.1									.4	4.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.3	.8	.4	.1							2.3	7.9
NNE	2.6	1.3	1.0	.9	.1							5.8	5.9
NE	5.5	2.7	4.2	2.2								14.5	6.2
ENE	4.5	3.8	2.5	.2								11.0	4.6
E	5.8	3.1	.4									9.4	3.1
ESE	3.7	1.0										4.6	2.6
SE	3.7	.1										3.8	2.1
SSE	3.1	1.2										4.3	2.7
S	4.7	1.9	.5	.1								7.3	3.4
SSW	3.8	3.0	2.0	.1								8.9	4.5
SW	1.1	1.2	.9	.4								3.5	6.0
WSW	.6	.1	1.0									1.7	5.6
W	.9	.1	.1	.1								1.2	3.9
WNW	.1											.1	3.0
NW	.1			.1								.2	9.0
NNW	.5	.2		.1								.9	3.8
VARIABLE		.5	2.6	.1	.1							3.3	8.1
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.2	1.1	.4								4.0	5.8
NNE	.9	1.2	1.4	.5	.2							4.2	7.2
NE	1.3	.8	1.5	.6								4.2	7.2
ENE	.9	1.4	.8	.2								3.2	5.7
E	2.7	2.0		.1								4.8	3.5
ESE	2.2	1.4										3.6	3.3
SE	2.2	1.2		.1								3.4	3.6
SSE	3.0	1.3	.2	.1								4.6	3.4
S	3.6	5.1	1.1	.3								10.0	4.5
SSW	2.9	5.9	3.6	.5								12.9	5.6
SW	1.3	4.1	2.6	1.3								9.5	6.7
WSW	1.1	2.9	1.8	.5								6.4	6.4
W	1.4	2.0	1.0	.4								4.8	5.6
WNW	1.1	.9	.1									2.0	3.4
NW	.2	.4	.4									1.1	5.9
NNW	.9	.2	.1	.1								1.3	3.8
VARIABLE	.2	2.6	8.5	2.0		.1						13.5	8.4
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.1	1.3	1.4								5.2	7.3
NNE	.4	1.7	1.1	.3		.1						3.7	6.9
NE	.5	1.2	1.2	.3	.2							3.4	7.5
ENE	.4	.3	.5		.1							1.4	6.4
E	1.5	1.4	.1									3.0	3.7
ESE	.4	1.0										1.4	3.5
SE	.3	1.3										1.6	4.1
SSE	1.6	1.3	.1	.1								3.1	4.0
S	1.9	4.4	1.4	.2								8.0	5.1
SSW	1.1	5.5	3.0	.6								10.2	6.2
SW	1.1	4.1	4.3	2.4	.2							12.0	8.0
WSW	1.2	4.3	3.8	1.6								10.9	7.2
W	1.5	3.8	2.6	1.0								8.8	6.3
WNW	.6	1.0	.2	.9								2.7	7.7
NW	.8	1.0	.1	.3								2.2	5.6
NNW	.2	.6	.3	.2								1.4	6.4
VARIABLE	.1	2.8	9.8	2.6								15.3	8.6
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.4	3.8	2.3	.3							8.6	9.2
NNE	.3	1.4	1.1	.6								3.4	7.0
NE	.6	.9	2.2	.8	.3							4.7	8.8
ENE	.4	.8	1.1	.4								2.7	6.9
E	.3	.3	.4	.1								1.2	6.0
ESE	.4	.1	.2									.8	3.9
SE	.3	.1	.4									.9	6.3
SSE	.5	.9	.6	.2								2.3	5.8
S	2.3	2.8	1.0	.1								6.1	4.8
SSW	1.9	4.3	2.5	.3								9.0	5.5
SW	2.6	4.2	4.4	1.0								12.2	6.2
WSW	2.7	4.9	4.9	2.2		.1						14.8	7.0
W	2.8	4.1	3.4	.4								10.8	5.8
WNW	1.1	1.6	1.2	.5								4.4	6.5
NW	.9	.9	1.0	.2								2.9	5.8
NNW	.9	.4	.9	.8								2.9	7.2
VARIABLE		.6	2.4	.6	.1							3.8	9.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: [illegible]
MONTH: AUG [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF [illegible]	TOTAL	MEAN [illegible]
N	5.6	4.7	2.8	1.4	.2							[illegible]	[illegible]
NNE	3.3	5.3	3.8	1.1	.1	.1						[illegible]	[illegible]
NE	1.5	2.4	2.7	1.4								[illegible]	[illegible]
ENE	.5	1.1	.5	.1	.1							[illegible]	[illegible]
E	.4	.3	.1									[illegible]	[illegible]
ESE	.5	.1	.1									[illegible]	[illegible]
SE	.3	.7	.4	.2								[illegible]	[illegible]
SSE	.5	.6	.6	.2								[illegible]	[illegible]
S	1.1	.5	.2									[illegible]	[illegible]
SSW	1.2	.9	.4									[illegible]	[illegible]
SW	1.3	1.3	.3	.1								[illegible]	[illegible]
WSW	2.6	1.8	1.3	.3								[illegible]	[illegible]
W	3.7	2.8	1.3									[illegible]	[illegible]
WNW	2.9	.5	.1									[illegible]	[illegible]
NW	2.0	.6	.4									[illegible]	[illegible]
NNW	2.2	2.2	.2	.1								[illegible]	[illegible]
VARIABLE			.1									.1	[illegible]
CALM	//////////											[illegible]	//////
TOTALS	29.7	24.8	15.5	4.9	.4	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): ALL

	WIND SPEED IN KNOTS												
												TOTAL	MEAN
												%	(KTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.0	3.1	.8	.4								10.3	4.0
NNE	8.3	5.2	2.0	.4								16.0	4.0
NE	5.6	4.7	2.0	.6								12.8	4.6
ENE	2.6	4.1	.6									7.2	4.0
E	1.9	.7	.7									3.2	3.7
ESE	.9	.6										1.4	3.3
SE	.8	.6		.1								1.4	4.0
SSE	.9	.6	.2	.2								1.9	5.4
S	.9	2.0	.6	.1								3.6	5.0
SSW	.9	1.0	.4	.1								2.4	5.0
SW	.4	.4	.4									1.3	4.9
WSW	.3	.3										.7	3.3
W	.7	.2	.3									1.2	4.5
WNW	.3	.1	.1	.2								.8	6.4
NW	.4	.4										.9	3.4
NNW	1.9	.7	.1	.1	.2							3.0	4.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.8	//////
TOTALS	32.8	24.7	8.2	2.3	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.0	2.1	.1	.2								10.4	2.9
NNE	10.3	3.9	.7	.1								15.0	3.1
NE	9.3	3.3	1.3	.2								14.2	3.7
ENE	2.3	2.1	.1	.4								5.0	4.2
E	1.7	.4										2.1	2.6
ESE	.4	.2										.7	3.2
SE		.1										.1	5.0
SSE	.2	.1	.2									.6	4.6
S	.6	.8	.2	.1								1.7	4.8
SSW	1.1	.8	.9	.1								2.9	5.5
SW	1.0	.7	.3									2.0	3.9
WSW	.4	.3	.1									.9	3.9
W	.3	.2	.2									.8	4.9
WNW	.2	.1										.3	2.7
NW	.7	.1		.1								.9	3.8
NNW	1.9	.9		.1								2.9	3.3
VARIABLE				.1								.1	16.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.9	1.9	.1									7.9	2.9
NNE	14.7	3.6	.9									19.1	3.0
NE	12.9	4.0	1.2									18.1	3.1
ENE	5.4	2.3	.2	.2								8.2	3.3
E	1.6	.3										1.9	2.5
ESE													
SE	.1	.1										.2	3.0
SSE	.2	.2										.4	3.8
S	.4	.6	.2									1.2	4.5
SSW	.8	.3	.7	.2								2.0	5.8
SW	.4	.4	.2	.1								1.2	5.4
WSW	.2	.3	.1									.7	4.3
W		.1	.2									.3	7.0
WNW	.1		.1									.2	4.5
NW	.8											.9	2.6
NNW	.7	.1	.1	.2								1.1	5.1
VARIABLE			.1									.1	9.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.4	.4	.2	.1	.2						2.6	7.1
NNE	3.6	1.1	.4	.2								5.3	3.6
NE	7.8	2.3	3.9	1.0								15.0	5.1
ENE	8.1	4.0	1.7	.4								14.2	4.0
E	8.3	2.7										11.0	2.7
ESE	4.7	.3										5.0	2.2
SE	2.8	.1										2.9	2.1
SSE	1.9	.4										2.3	2.5
S	3.3	.9	.6	.3								5.1	4.2
SSW	1.6	2.9	1.0									5.4	4.9
SW	.6	1.7	.4	.3								3.0	5.8
WSW	.4	.7	.4									1.6	5.1
W	.3	.4	.2	.2								1.2	6.1
WNW	.2	.2										.4	3.5
NW	.7											.7	2.0
NNW	.2											.2	2.5
VARIABLE	.2	.1	.9	.2								1.4	7.5
CALM	//////////											22.6	//////
TOTALS	45.8	18.3	10.0	3.0	.1	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.1	1.2	.4	.3	.1						3.9	8.5
NNE	1.4	1.4	1.0	.3								4.2	5.6
NE	1.0	1.0	1.2	.2								3.4	6.0
ENE	1.3	1.6	1.0	.1								4.0	5.2
E	3.1	1.4	.3									4.9	3.3
ESE	2.7	1.3										4.0	2.9
SE	2.2	.7	.1									3.0	2.7
SSE	3.4	1.3	.7	.1								5.6	3.9
S	6.6	4.9	1.2	.1	.1							12.9	3.9
SSW	5.3	5.2	2.6	.4	.2							13.8	5.0
SW	4.1	3.8	2.0	.9	.2							11.0	5.5
WSW	1.8	2.1	1.6	.3								5.8	5.4
W	.8	.9	.9	.9								3.4	7.5
WNW	.3	.2	.2	.2								1.0	6.9
NW		.4	.2									.7	6.2
NNW	.7	.2			.1	.1						1.1	6.6
VARIABLE	.9	1.6	4.0	.7								7.1	7.3
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.9	1.4	1.2								5.4	7.5
NNE	.3	1.3	.3	.4								2.4	6.7
NE	.6	.9	.9	.3								2.7	6.8
ENE	.9	.8	.4	.1								2.2	5.2
E	.9	1.2	.1									2.2	3.8
ESE	1.1	1.2										2.3	3.6
SE	.9	.9	.2									2.0	4.2
SSE	2.6	2.1	.2	.2								5.1	3.9
S	3.4	3.4	1.2	.3								8.4	4.6
SSW	2.2	5.2	4.6	.4								12.4	5.9
SW	2.6	5.1	4.7	1.0	.1							13.4	6.3
WSW	2.4	4.1	3.7	1.3								11.6	6.4
W	2.2	1.9	1.7	.6		.1						6.4	5.8
WNW	1.2	1.3	.3	.4								3.3	5.5
NW	.6	.6	.4	.1								1.7	5.5
NNW	.6	.9	1.1	.3	.2	.2						3.3	8.9
VARIABLE	.2	1.9	5.1	1.4								8.6	8.1
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	3.7	2.7	1.4	.4							12.4	6.8
NNE	1.0	1.3	1.2	.4	.1							4.1	6.7
NE	1.4	1.0	1.1	.3	.3							4.2	7.5
ENE	.7	.8	.7									2.1	6.5
E	.6	.4	.6	.1								1.7	5.4
ESE	.8	.7	.1									1.6	4.1
SE	.3	.2	.6									1.1	6.1
SSE	1.1	.6	.2	.1								2.	3.9
S	1.2	2.7	.4	.1								4.4	4.7
SSW	2.0	3.6	1.8	.1								7.4	5.1
SW	3.7	4.0	2.2	.3								10.2	4.7
WSW	4.3	4.6	2.4	.4	.1							11.9	5.3
W	3.4	2.8	2.2	.3								8.8	5.2
WNW	2.0	.9	.7	.1	.1							3.8	4.9
NW	1.8	1.0	.6	.3								3.7	4.9
NNW	1.3	1.9	.8	.3	.2							4.4	5.9
VARIABLE			1.2	.1								1.3	5.6
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 21[illegible]-23[illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.4	3.9	1.3	.4								13.1	5.8
NNE	5.4	5.0	1.4	.6								12.4	6.4
NE	2.7	3.6	2.2	.4								8.9	7.6
ENE	1.4	1.2	.4	.2								3.3	6.8
E	.6	.9										1.4	7.5
ESE	.3	.4	.4									1.1	9.5
SE	.6	.2	.1	.1								1.1	5.2
SSE	.6	.4	.2	.2								1.6	5.2
S	.2	1.0	.4		.1							1.8	6.4
SSW	1.0	1.3	.9	.3								3.6	6.
SW	.9	1.0										2.0	5.0
WSW	1.7	1.1	.6									3.6	4.2
W	2.2	.7	.3	.2								3.4	3.9
WNW	1.0	.6	.2	.2								2.0	4.9
NW	1.6	.4	.1									2.2	3.2
NNW	3.6	.7	.2	.1								4.6	3.0
VARIABLE			.1									.1	4.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.3	2.3	1.0	.6	.1	.0						8.3	4.8
NNE	5.6	2.9	1.0	.3	.0							9.8	3.9
NE	5.2	2.6	1.7	.4	.0							9.9	4.5
ENE	2.8	2.1	.6	.2								5.8	4.1
E	2.3	1.0	.2	.0								3.6	3.2
ESE	1.4	.6	.1									2.0	3.1
SE	1.0	.4	.1	.0								1.5	3.5
SSE	1.4	.7	.2	.1								2.4	4.0
S	2.1	2.0	.6	.1	.0							4.9	4.5
SSW	1.9	2.5	1.6	.2	.0							6.2	5.3
SW	1.7	2.1	1.3	.3	.0							5.5	5.4
WSW	1.5	1.7	1.1	.3	.0							4.6	5.4
W	1.2	.9	.8	.3		.0						3.2	5.5
WNW	.7	.4	.2	.2	.0							1.5	5.1
NW	.8	.4	.2	.1								1.4	4.2
NNW	1.3	.7	.3	.2	.1	.1						2.6	5.2
VARIABLE	.2	.4	1.4	.3								2.3	7.8
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	1.9	.8	.3	.2							8.2	4.2
NNE	8.3	4.4	1.1	.5								14.3	3.8
NE	5.6	2.7	.2	.1								8.6	3.2
ENE	2.9	2.4	.3	.1								5.7	3.8
E	1.0	.3	.1									1.4	3.2
ESE	.4	.1										.5	2.2
SE		.4	.3	.1								1.1	6.7
SSE	.3	.5	.4	.5	.1							1.9	9.0
S	.5	2.4	1.4	.2								4.5	6.2
SSW	.6	.8	1.4	.4								3.2	6.7
SW	.9	.5	.6	.6								2.7	6.7
WSW	.5	.5	.5	.3								1.9	6.7
W	.2	.8	.5	.3								1.8	6.9
WNW	.2	.3	.8	.1								1.4	7.3
NW	.6	.5										1.2	3.5
NNW	1.1	.6	.3	.2								2.3	5.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.2	1.4	.8	1.1	.1							8.5	4.6
NNE	10.2	4.0	.4	.2								14.8	3.3
NE	6.8	3.8	.5									11.1	3.2
ENE	4.0	1.4	.2	.1								5.7	3.2
E	1.1	.8	.2									2.0	3.3
ESE	.3	.1	.1									.5	4.0
SE		.1										.1	4.0
SSE	.5	.5	.2	.4								1.6	6.3
S	.3	1.6	1.2	.2								3.3	6.3
SSW	.8	2.0	2.2	.2								5.2	6.5
SW	.4	1.2	1.0	1.1								3.7	8.0
WSW		.6	.3									1.0	5.9
W	.2	.6	1.2	.2								2.2	7.3
WNW	.2	.6										.9	4.0
NW	.8	.2	.1	.1								1.2	4.3
NNW	.8	.6										1.4	3.1
VARIABLE		.1										.1	5.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.2	2.0	.8	.3	.2							9.6	3.9
NNE	10.2	2.4	.8									13.3	3.0
NE	8.1	3.3										11.4	2.9
ENE	2.7	2.3										4.9	3.2
E	.6	.4										1.1	3.3
ESE	.4											.4	2.0
SE	.1		.1									.2	5.0
SSE	.1	.3	.3	.2								1.0	7.2
S	.6	2.0	1.0	.1	.1							3.9	6.1
SSW	.6	1.0	1.6	.8	.1							4.1	7.8
SW	.4	1.1	1.5	.2								3.2	7.0
WSW	.1	.4	.5	.2	.1							1.4	8.9
W	.4	.3	.8	.1	.2							1.8	7.7
WNW	.2	.2										.4	4.0
NW	.6	.2										.9	2.9
NNW	1.2	.2	.1									1.5	3.1
VARIABLE	.1			.1								.2	4.0
CALM	//////////											40.6	//////
TOTALS	32.9	16.2	7.4	2.0	.8							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	.6	.8	.5	.2							3.1	7.4
NNE	3.0	1.3	.5	.5	.1							5.5	4.6
NE	8.1	2.5	.8	.3								11.6	3.3
ENE	6.8	3.7	.5	.1								11.1	3.5
E	4.7	2.0	.3	.1								7.2	3.3
ESE	1.9	.3										1.7	2.4
SE	.8	.3										1.1	2.6
SSE	.5	.2	.6	.2								1.6	6.2
S	1.6	1.4	1.6	.6								5.3	6.1
SSW	1.7	2.2	1.6	.6								6.1	5.9
SW	.8	.5	.9	1.3								3.4	8.1
WSW	.3	.3	.8	.9	.3							2.2	9.5
W	.4	.4	1.3	.5								2.7	7.8
WNW		.2	.3	.2								.9	8.5
NW	.1	.1										.2	2.5
NNW	.1	.2	.6	.3								1.3	8.5
VARIABLE		.3	.3	.2								.9	9.1
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 12 (1200)

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN SPEED
N	.6	.6	.4	1.2	.2							3.1	9.7
NNE	1.5	.5	1.3	1.4	.3							5.1	11.1
NE	1.3	1.4	1.2	.6	.1							4.7	9.8
ENE	1.1	1.1	.9									3.1	8.4
E	2.2	1.4	.3									3.9	7.4
ESE	2.2	.5		.1								2.8	6.5
SE	1.6	.5	.4	.3								2.9	8.7
SSE	2.7	1.2	1.0	.2								5.1	8.5
S	5.4	2.5	1.7	.8	.2							10.5	8.6
SSW	3.9	4.3	2.9	.9	.1							12.2	8.6
SW	2.9	2.0	2.8	1.9	.2							9.9	11.6
WSW	1.6	1.9	1.6	.9	.1							6.1	10.6
W	1.1	.6	1.0	.8	.2	.1						3.8	8.7
WNW	.4	.2	.3	1.1								2.1	14.9
NW	.3	.1	.1	.3								.9	7.5
NNW	.8	.1	.2	.9	.2							1.7	7.9
VARIABLE		.0	1.7	1.7	.1							3.7	9.6
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	.8	.9	1.6	.5	.1						4.8	10.0
NNE	1.3	.9	1.3	1.1	.3	.1						4.9	8.3
NE	.3	.6	.9	.3		.1						2.3	7.8
ENE	.5	1.0	.4	.1	.1							2.2	6.0
E	1.1	.5	.3									1.9	3.9
ESE	.9	.4	.2									1.5	3.8
SE	.9	.8	.8	.4								2.8	6.3
SSE	1.9	.4	.8	1.2	.1							4.4	7.3
S	3.2	2.4	1.3	.6	.1							7.6	5.1
SSW	4.6	4.4	2.0	1.0								12.0	5.3
SW	2.3	3.0	4.7	1.6	.2	.1						11.9	7.2
WSW	2.0	3.7	3.0	1.6	.3	.1						10.8	7.4
W	1.7	1.3	1.9	1.5		.1						6.6	7.7
WNW	.5	.1	.8	1.0								2.4	9.2
NW	.4	.2	.2	.4								1.3	6.8
NNW	1.0	.5	.4	.2	.1							2.3	5.8
VARIABLE	.1	.2	2.2	.8	.2							3.4	9.8
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	2.6	2.3	1.5	.1							10.0	5.9
NNE	2.2	1.9	2.0	.3								6.5	5.3
NE	1.5	.8	.9	.8								3.9	6.2
ENE	.9	.4	.2	.1								1.6	4.3
E	.6	.3										1.0	3.2
ESE	1.0	.1	.1	.2								1.4	4.7
SE	.1	.3	.4	.3	.2							1.4	9.8
SSE	.8	1.3	.6	.5	.3							3.2	7.0
S	.9	1.0	.9	.5								3.2	6.6
SSW	1.7	2.0	.9	.5	.1							5.3	5.8
SW	3.3	1.9	1.7	.4	.1							7.5	5.3
WSW	3.1	2.8	2.0	.9								8.8	5.4
W	3.1	1.9	1.5	1.3	.2							8.1	6.3
WNW	1.8	1.0	.8	.4								4.0	5.1
NW	1.7	1.2	.2	.2								3.3	4.2
NNW	1.9	1.9		.3								4.2	4.3
VARIABLE			.1									.1	8.0
CALM	//////////											26.6	//////
TOTALS	28.2	21.5	14.5	8.2	1.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.2	3.1	1.3	.5								11.9	3.8
NNE	7.0	4.2	1.4	.2								12.8	3.9
NE	4.1	2.6	.9	.1								7.6	4.0
ENE	1.7	1.4	.1									3.2	3.3
E	.4	.2		.1								.6	5.0
ESE	.4	.2										.6	2.8
SE	.4	.6										1.1	3.5
SSE	.6	.5	.8	.6	.5	.1						3.2	10.0
S	.6	1.2	1.0									2.9	5.5
SSW	1.0	1.4	1.2	.2								3.8	5.5
SW	.3	1.4	.8	.6								3.1	6.8
WSW	.6	.4	1.2	.8								3.0	7.8
W	.4	.9	.8	.5								2.6	7.3
WNW	.4	.3	.9	.3								1.8	7.2
NW	.6	.2	.1									1.0	3.4
NNW	1.5	.9	.3	.1								2.8	3.9
VARIABLE	.1	.2										.3	4.7
CALM	//////////											37.4	//////
TOTALS	27.6	19.9	10.4	4.0	.5	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	1.6	1.0	.9	.2	.0						7.4	5.3
NNE	5.5	2.5	1.1	.5	.1	.0						9.7	4.3
NE	4.5	2.2	.7	.2	.0	.0						7.6	3.8
ENE	2.6	1.7	.3	.1	.0							4.7	3.7
E	1.5	.8	.2	.0								2.4	3.4
ESE	.9	.2	.1	.0								1.2	3.2
SE	.5	.4	.3	.1	.0							1.3	5.7
SSE	.9	.6	.6	.5	.1	.0						2.8	7.0
S	1.7	1.8	1.2	.4	.1							5.2	5.6
SSW	1.9	2.3	1.7	.6	.0							6.5	5.9
SW	1.4	1.5	1.7	1.0	.1	.0						5.7	7.0
WSW	1.0	1.3	1.2	.6	.1	.0						4.3	6.9
W	1.0	.9	1.1	.7	.1	.0						3.7	7.3
WNW	.5	.4	.5	.4								1.7	7.0
NW	.7	.3	.1	.1								1.2	4.6
NNW	1.0	.7	.3	.2	.0							2.2	5.0
VARIABLE	.0	.2	.5	.3	.0							1.1	9.3
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	1.9	1.4	1.9	.2	.1						10.3	6.1
NNE	9.9	3.3	1.1	.4	.1							14.9	3.6
NE	7.8	5.1	.3	.3								13.6	3.5
ENE	2.3	1.4	.3									4.1	3.5
E	.8	.2										1.0	2.6
ESE	.1	.3	.1									.6	5.0
SE	.2	.3	.2	.2	.2							1.2	8.7
SSE	.2	.4	.3	.1								1.1	6.1
S	.6	1.7	.8	.3	.3							3.7	7.5
SSW	.8	1.3	1.2	.1	.1							3.6	6.1
SW	.7	1.1	.7	.4								2.9	6.3
WSW	.9	.4	.8	.4								2.6	6.3
W	.9	.2	1.2	.4								2.8	7.2
WNW	.1	.1	.1									.3	5.0
NW	.6	.1										.7	3.0
NNW	.8	.2	.1	.4								1.6	5.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.2	//////
TOTALS	31.4	18.3	8.8	5.1	1.0	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	1.6	.6	1.3	.1							7.6	5.3
NNE	8.6	2.3	1.2	.6								12.7	3.8
NE	6.9	2.7	.9	.2								10.7	3.6
ENE	2.7	1.7		.1								4.5	3.7
E	1.8	.3	.1									2.2	2.7
ESE	.4	.1										.6	3.2
SE	.2	.2	.1	.3								.9	8.1
SSE	.2	1.0	.8									2.1	5.9
S	.3	1.8	.6	.3	.1							3.1	6.5
SSW	.8	1.6	1.3	.4	.2							4.3	6.9
SW	.8	.8	.6	.2	.1	.1						2.6	7.2
WSW	.3	.2	.1	.4								1.1	6.8
W	.3	.8	.4	.8								2.3	8.1
WNW		.2		.4								.7	10.3
NW	.4	.2	.1									.8	4.0
NNW	1.0	.3	.1	.3								1.9	5.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0800

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.2	2.0	1.0	2.0	.1							9.3	6.1
NNE	10.3	4.5	1.9	.9								17.7	5.1
NE	7.7	1.9	.9	.1								10.6	5.9
ENE	1.8	1.3	.1									3.2	5.2
E	1.9	1.1	.1									3.1	5.1
ESE	.1	.3										.4	4.7
SE	.3	.1	.7									1.1	5.1
SSE	.3	.9	.8	.3	.1							2.4	7.1
S	.9	1.0	1.1	.2	.1							3.3	5.8
SSW	1.0	1.1	.9	.9								3.9	6.7
SW	.9	.7	1.1	.4								3.0	7.5
WSW	.7	.6	.2	.3	.1							1.9	6.9
W	.7	.2	.7	.6								1.8	7.1
WNW			.2									.2	9.0
NW	.7	.3	.2									1.2	4.8
NNW	.6	.4	.2	.1								1.3	4.9
VARIABLE			.1	.1								.2	9.0
CALM	//////////											39.9	//////
TOTALS	31.6	18.8	9.1	5.9	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	.6	.8	2.1	.9	.1						6.6	9.3
NNE	4.0	1.4	1.2	.6								7.2	4.5
NE	6.9	1.9	1.1	.4								10.3	3.8
ENE	5.8	2.3	.3	.2								8.7	3.4
E	3.0	1.4	.4									4.9	3.4
ESE	1.1	.1	.1									1.3	2.6
SE	.4		.2									.7	4.3
SSE	.6	.1	.3	.3								1.3	7.3
S	1.9	1.8	1.6	1.1								6.3	6.8
SSW	.9	1.6	1.4	1.1								4.9	7.3
SW	.9	.7	1.8	.6	.1	.1						4.1	8.0
WSW	.2	.3	.2	.4								1.2	5.0
W	.4	.2	.2	.4								1.3	7.6
WNW	.3	.3	.2									.9	4.6
NW	.2	.1	.2									.6	5.0
NNW	.6	.2		.1								.9	4.8
VARIABLE		.1	.2	.1								.4	5.3
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	.8	1.9	1.9	1.9	.2						8.0	11.0
NNE	1.0	1.2	.7	1.0	.2							4.1	7.4
NE	2.6	1.0	1.2	1.0	.2							6.1	6.6
ENE	2.3	1.2	.7	.1								4.3	5.9
E	3.1	1.0	.3									4.3	5.9
ESE	2.2	.9	.1									3.2	5.9
SE	.9	.2										1.1	5.5
SSE	1.2	1.4	.9	.4	.1							4.1	6.9
S	4.2	1.2	1.1	.5	.1	.1						7.6	6.0
SSW	5.3	2.8	2.8	.9	.1							11.7	6.1
SW	2.7	1.9	2.0	1.7	.7	.1						9.9	7.7
WSW	1.0	1.0	1.0	.6	.1							3.7	6.7
W	.8	.6	.9	1.0	.2							3.4	8.8
WNW	.2	.7	.1	.1	.1							.5	7.4
NW	.4	.3	.1									.9	4.1
NNW	.2	.2	.2	.4	.2							1.2	10.5
VARIABLE	.1	.3	.6	.7								1.3	4.3
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	1.1	2.3	3.3	.7	.2	.2					9.6	10.4
NNE	1.3	1.0	1.3	1.2	.1							5.0	7.4
NE	1.2	1.2	.6	.8	.1							3.9	6.7
ENE	1.4	.4	.3	.1								2.3	4.3
E	.7	.4	.1									1.2	3.7
ESE	.6	.6	.1									1.2	3.6
SE	.4	.4	.3	.1								1.3	5.6
SSE	1.0	1.4	.9	.4	.1							3.7	6.0
S	4.7	1.3	1.6	.6	.2	.2						8.6	5.0
SSW	6.1	2.8	1.7	.4	.1							11.4	4.9
SW	4.6	2.6	2.7	1.9	.4							12.1	6.4
WSW	3.0	1.7	1.8	.9	.1							7.4	5.5
W	2.4	1.0	1.0	.6	.1							5.1	5.7
WNW	.3	.3	.6	.9	.1							2.2	9.2
NW	.4	.2		.2								.9	5.5
NNW	.3	.4	.7	.8								2.2	8.8
VARIABLE		.1		.4								.4	10.2
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	3.8	2.7	2.3	.4	.1	.1					14.2	6.8
NNE	1.2	2.7	1.9	.7								6.4	6.1
NE	1.4	1.6	1.3	.3								4.6	5.7
ENE	1.1	.6	.3	.2								2.2	4.6
E	.4	.2										.7	2.9
ESE	.2		.1									.3	3.7
SE	.3	.4	.3	.2								1.3	6.6
SSE	.7	.4	.7	.3	.1							2.2	7.5
S	1.1	1.7	.8	.7	.1							4.3	6.3
SSW	1.0	1.3	.7	.3	.1							3.4	5.9
SW	1.7	1.9	1.9	.6	.1							6.1	6.1
WSW	1.6	.9	1.0	.6								4.1	6.1
W	2.2	.8	.7	.6	.2							4.4	5.9
WNW	1.2	.4	.4	.1								2.4	5.6
NW	2.0	.5	.2	.1								2.7	3.6
NNW	1.8	1.8	.6	.3								4.4	4.6
VARIABLE		.1										.1	5.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.2	3.7	2.0	1.2	.2							13.9	5.0
NNE	7.6	5.2	1.2	.7	.2							14.9	4.3
NE	3.9	2.4	.6	.4								7.3	4.0
ENE	1.3	.9	.2									2.4	3.7
E	1.3	.2	.1									1.7	2.9
ESE	.2	.4										.7	3.6
SE	.1	.2	.2	.4		.1						1.1	10.2
SSE	.7	.4	.3		.1							1.6	5.4
S	1.0	2.2	.2	.3	.2							4.0	6.0
SSW	1.1	1.7	.8	.6		.1						4.2	6.6
SW	1.4	1.0	1.2	.3	.1							4.1	6.1
WSW	.3	.2	.4									1.0	5.0
W	.4	.6	.9	.7	.2							2.8	8.6
WNW	.3	.3	.1	.2		.1						1.1	5.2
NW	.9	.3		.1								1.3	3.5
NNW	1.2	.9	.3									2.4	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.4	//////
TOTALS	29.1	26.4	9.7	5.1	1.1	.3						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.8	1.8	1.5	2.0	.5	.1	.0					9.9	7.2
NNE	5.5	2.4	1.3	.7	.1							10.0	4.5
NE	4.8	2.2	.8	.4	.0							8.3	4.1
ENE	2.3	1.2	.3	.1								4.0	3.6
E	1.6	.6	.2									2.4	3.0
ESE	.8	.3	.1									1.3	3.3
SE	.4	.3	.2	.2	.0	.0						1.1	6.5
SSE	.6	.7	.6	.2	.1							2.3	6.4
S	1.8	1.6	1.0	.5	.2	.0						5.1	6.0
SSW	2.1	1.8	1.3	.6	.1	.0						5.9	5.7
SW	1.7	1.3	1.5	.8	.2	.0						5.5	6.9
WSW	1.0	.7	.7	.5	.0							2.9	6.1
W	1.0	.5	.7	.6	.1							3.0	7.1
WNW	.3	.3	.2	.3	.0	.0						1.1	7.3
NW	.7	.3	.1	.1								1.2	4.0
NNW	.8	.6	.3	.3	.0							2.1	5.8
VARIABLE	.0	.1	.1	.1								.3	8.8
CALM	//////////											34.3	//////
TOTALS	29.1	16.7	10.9	7.4	1.4	.2	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL %	MEAN WIND
N	4.7	2.3	1.9	1.4	.2							10.5	5.7
NNE	7.0	3.9	.9	.4	.1							12.3	3.9
NE	4.3	3.1	1.1	.4	.2							9.1	4.7
ENE	1.4	1.0	.4	.2								3.0	4.6
E	.9	.6	.1									1.6	3.5
ESE		.2	.1									.3	5.3
SE	.4	.1										.5	2.8
SSE		.2	.3	.4	.2							1.2	11.5
S	1.1	1.6	1.3	.4		.1						4.5	6.7
SSW	.4	2.0	1.8	1.2	.1							5.6	8.1
SW	1.0	1.6	1.5	1.3	.1							5.5	7.7
WSW	.8	.6	.9	1.7	1.1							5.1	10.9
W	.4	.3	.8	1.1	.2							2.8	10.2
WNW	.4	.3	.2	.3	.1							1.4	7.6
NW	.6	.3	.1									1.1	3.6
NNW	2.0	.3	.1	.2	.1							2.9	4.2
VARIABLE			.1	.1								.2	11.0
CALM												32.5	
TOTALS	25.5	18.6	11.6	9.[illegible]	2.5	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	1.8	1.1	1.1	.3							8.8	5.4
NNE	6.6	3.3	.9	.9	.1		.1					11.7	4.3
NE	5.4	2.?	.8	.2	.2							8.7	4.0
ENE	1.5	1.6	.2		.1							3.4	4.2
E	.9	.6	.1									1.6	3.7
ESE	.2	.2	.1									.5	3.6
SE	.1	.1										.2	3.0
SSE	.3	.2	.2	.2								1.0	6.9
S	1.1	1.2	1.8	1.2	.2	.1						5.6	8.3
SSW	.9	1.1	3.1	1.1								6.1	7.8
SW	.5	.8	2.6	2.0								5.9	6.7
WSW	.6	.6	1.2	1.3	.3	.1						4.2	9.9
W	.6	.5	.6	.5	.2							2.6	7.9
WNW	.1	.2	.2	.4								1.0	9.0
NW	.3	.1	.1									.5	4.2
NNW	1.0	.4	.2	.1								1.7	4.4
VARIABLE		.1	.1	.1								.4	11.0
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	1.4	.9	1.3								6.7	5.5
NNE	4.2	1.9	1.5	.6								8.2	4.8
NE	5.3	2.7	.9		.3							9.1	4.1
ENE	2.9	1.0	.3									4.2	3.3
E	1.0	1.0										1.9	3.4
ESE	.7	.4										.8	3.4
SE	.1	.2										.3	3.7
SSE	.1	.5	.2									.8	5.8
S	.4	1.0	1.6	1.4	.2	.1						4.7	9.6
SSW	.8	1.6	2.8	1.5	.1							6.8	7.7
SW	.4	.9	1.0	1.9								4.2	6.9
WSW	.1	1.3	1.5	1.3	.6							4.8	9.9
W	.9	.5	.9	.9	.1							3.2	6.1
WNW	.2		.4	.5	.1							1.3	10.1
NW	.6	.3	.2									1.2	3.9
NNW	1.3	1.0		.3								2.7	4.2
VARIABLE		.2										.2	5.5
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.0	1.1	.9	.2							5.1	6.6
NNE	3.2	1.9	.1	.2	.2							5.7	4.0
NE	4.6	2.9	1.7	.5	.2							10.0	4.9
ENE	4.0	2.4	.2	.3	.1							7.0	4.0
E	2.0	.5										2.6	2.5
ESE	.6	.2										.9	2.8
SE	.2	.1	.2									.5	4.8
SSE	.4	.2	.1									.8	3.9
S	1.6	1.4	2.0	1.1	.2							6.3	7.3
SSW	1.1	1.9	3.5	1.4	.2	.1						8.3	7.9
SW	.6	1.5	1.4	1.5	.2							5.3	8.8
WSW	.9	.6	1.1	2.4	.2							5.2	10.0
W	.3	.2	.3	1.6	.2	.1						2.9	11.4
WNW	.1	.6	.5	.2	.1							1.6	8.5
NW	.8	.1		.1								1.0	4.0
NNW	.4	.2	.1	.1								1.0	5.0
VARIABLE			.2	.1								.3	9.3
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.2	1.3	2.4	.9	.1						5.7	11.5
NNE	1.5	1.1	.5	.8	.3	.1						4.3	7.3
NE	1.6	1.3	.6	.8	.1	.1						4.5	6.6
ENE	2.7	1.2	.8	.5	.3							5.5	5.7
E	2.0	1.4	.2									3.7	3.7
ESE	1.3	.5										1.8	2.6
SE	1.0	.5	.1									1.6	3.5
SSE	1.0	.4	.1	.2								1.7	4.6
S	2.4	1.4	2.2	.5	.1							6.6	6.0
SSW	2.8	2.5	3.2	2.2	.5	.1	.1					11.4	8.0
SW	2.7	2.4	3.0	3.8	.6			.2				12.7	9.0
WSW	1.1	.6	.9	2.9	.9	.3						6.7	11.5
W	.2	.3	.8	.9	.8	.2						3.1	12.9
WNW	.2	.1	.2	.2	.3							1.1	10.7
NW		.1		.1	.2							.6	11.0
NNW	.2	.2	.2	.3	.2	.1						1.7	10.7
VARIABLE	.1		.1	.1	.1							.4	10.8
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.2	2.9	3.6	1.2	.1	.1					10.2	11.1
NNE	.8	1.1	.2	1.1								3.1	7.7
NE	1.0	1.1	1.0	.6	.1							3.9	7.2
ENE	.4	.8	.8	.3	.2							2.5	7.6
E	1.1	.4	.1	.1								1.7	3.6
ESE	.8	.4	.1									1.3	3.3
SE	.5	.2	.3									1.1	4.2
SSE	1.2	1.0	.3	.2								2.7	4.8
S	4.4	2.2	1.0	.8								8.3	4.8
SSW	5.3	2.7	2.2	2.4	.5							13.0	6.4
SW	2.9	2.9	3.4	3.1	.5	.1	.2					13.2	8.5
WSW	1.3	1.2	1.1	3.1	.9	.2						7.7	10.5
W	1.1	.8	1.1	2.3	.6							5.8	10.2
WNW	.3	.2	.6	.5	.2							1.9	9.6
NW	.5	.2	.3	.4	.1							1.6	8.7
NNW	1.0	.2	.3	1.0	.3							2.8	9.2
VARIABLE		.2	.1	.2								.6	10.5
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.0	5.2	3.5	2.8	.5	.1						18.2	6.4
NNE	2.5	1.5	.5	.5								5.1	4.9
NE	1.1	.9	.5	.4								2.9	5.7
ENE	1.5	.6	.1									2.3	4.3
E	.6	.1										.9	3.6
ESE	.4											.4	3.0
SE	.1		.3									.4	7.7
SSE	.9	.4	.1	.2								1.6	4.6
S	1.0	1.8	1.1	.3								4.2	5.7
SSW	1.2	1.5	3.0	1.0	.4		.1					7.2	6.2
SW	1.3	2.2	3.0	1.9	.5							8.9	6.5
WSW	1.2	1.1	1.8	1.3	1.0	.2						6.6	9.8
W	1.1	.6	1.9	1.5	.1							4.7	8.5
WNW	.3	.5	.6	.5	.1							2.2	9.2
NW	1.4	.5										1.9	5.9
NNW	2.8	1.7	.5	.9	.1							5.6	4.8
VARIABLE		.2	.1		.1							.4	9.8
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	3.1	2.0	1.6								11.5	5.6
NNE	4.9	4.4	.9	.3	.1	.2						10.9	4.4
NE	3.0	2.5	1.0	.6								7.1	4.8
ENE	1.4	1.0	.2	.2								2.8	4.2
E	.5	.4										1.0	3.8
ESE	.1	.2	.1									.4	5.0
SE	.3	.3										.6	3.2
SSE		.1	.4	.3	.1							1.0	11.7
S	.4	1.8	1.3	.9								4.4	7.4
SSW	1.4	1.1	3.5	.3	.1							6.5	7.0
SW	1.2	1.3	2.4	1.4	.3							6.6	8.3
WSW	.6	1.5	1.5	1.0	.5							5.2	8.8
W	1.0	.9	.8	.3	.2							3.7	7.6
WNW	.8	.1	.4	.1	.1							1.5	6.1
NW	.6	.3	.1									1.1	3.1
NNW	.9	.6	.2	.6								2.4	6.4
VARIABLE			.5	.1	.1							.8	10.7
CALM	//////////											32.8	//////
TOTALS	21.9	19.7	15.4	8.9	1.6	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (TO)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.0	1.8	1.2	.4	.0	.0					9.6	7.0
NNE	3.8	2.4	.7	.6	.1	.0	.0					7.7	4.8
NE	3.3	2.1	.9	.5	.1	.0						6.9	4.9
ENE	2.0	1.2	.4	.2	.1							3.8	4.5
E	1.1	.6	.1	.0								1.9	3.3
ESE	.5	.3	.1									.8	3.2
SE	.3	.2	.1									.7	3.9
SSE	.5	.4	.2	.2	.0							1.3	6.3
S	1.5	1.5	1.5	.5	.1	.0						5.6	6.8
SSW	1.7	1.8	2.9	1.9	.3	.0	.0					8.1	7.6
SW	1.3	1.7	2.3	2.1	.2	.0	.0	.0				7.8	8.6
WSW	.8	1.0	1.2	1.2	.7	.1						5.7	10.0
W	.7	.5	.8	1.2	.7	.0						3.9	9.6
WNW	.3	.3	.4	.4	.1							1.5	8.6
NW	.6	.3	.1	.1	.0							1.1	4.9
NNW	1.2	.6	.2	.4	.1	.0						2.5	5.8
VARIABLE	.0	.1	.2	.1	.0							.4	10.2
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	2.0	1.7	1.4	.3	.1	.0	.0				8.8	6.6
NNE	4.1	2.6	1.4	.6	.1	.0	.0					8.8	4.9
NE	3.5	2.3	1.4	.4	.1	.0						8.1	5.4
ENE	2.0	1.5	.6	.3	.0	.0						4.4	4.7
E	1.3	.8	.2	.0								2.4	3.7
ESE	.8	.4	.1	.0	.0							1.3	3.4
SE	.6	.3	.2	.1	.0	.0						1.2	4.6
SSE	.8	.6	.4	.2	.0	.0						2.1	5.3
S	1.6	1.8	1.0	.4	.0	.0						4.9	5.5
SSW	1.7	2.3	2.1	.7	.1	.0	.0					6.9	6.3
SW	1.4	1.9	2.1	1.2	.1	.0	.0	.0				6.8	7.3
WSW	1.0	1.4	1.5	1.1	.2	.0						5.2	7.7
W	1.1	1.2	1.1	.7	.1	.0	.0	.0				4.2	7.2
WNW	.6	.5	.5	.4	.1	.0						2.1	7.0
NW	.7	.4	.3	.2	.0	.0						1.6	5.6
NNW	1.1	.7	.3	.3	.1	.0	.0					2.5	5.7
VARIABLE	.1	.5	1.5	.4	.0	.0						2.6	8.6
CALM	//////////											26.4	//////
TOTALS	25.6	21.4	16.4	8.7	1.3	.2	.0	.0				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 87638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	.8	.2	.0								3.3	3.2
NNE	3.3	1.1	.2	.0	.1	.0						4.8	3.6
NE	2.6	1.3	.2	.3	.3							4.6	4.8
ENE	1.4	.7	.3	.0	.0							2.4	4.2
E	.6	.4	.1									1.1	3.4
ESE	.7	.5			.0							1.2	3.5
SE	.5											.5	1.9
SSE	.7	.3	.1									1.1	3.7
S	2.5	3.6	2.2	.6								8.9	5.5
SSW	2.3	5.1	5.4	2.6	.0	.0						15.7	6.9
SW	2.0	3.2	4.0	2.0	.3							11.5	7.5
WSW	1.3	1.0	1.0	1.0	.2							4.5	7.3
W	.7	.1	.1	.2								1.3	5.3
WNW	.2	.1				.0						.3	5.1
NW	.4	.0	.1		.1							.6	5.2
NNW	.9	.2										1.1	2.6
VARIABLE			.1	.1	.0							.2	11.6
CALM	////////////

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PPPPPPPP          AAAAAA          RRRRRRRR          TTTTTTTTTT          DDDDDDDD
PPPPPPPPP        AAAAAAAA         RRRRRRRRR         TTTTTTTTTT          DDDDDDDDD
PP      PP      AA      AA        RR      RR            TT              DD      DD
PP      PP      AA      AA        RR      RR            TT              DD      DD
PPPPPPPPP       AA      AA        RRRRRRRRR             TT              DD      DD
PPPPPPPP        AAAAAAAAAA        RRRRRRRR              TT              DD      DD
PP              AAAAAAAAAA        RR    RR              TT              DD      DD
PP              AA      AA        RR     RR             TT              DD      DD
PP              AA      AA        RR      RR            TT              DDDDDDDDD
PP              AA      AA        RR       RR           TT              DDDDDDDD
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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1958, METAR STATIONS REPORTED VISIBILITIES TO 5 MILES AND GREATER THAN 5 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, 10 PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER TENTHS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO TENTHS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	7/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		54.1	55.1	57.6	58.4	59.0	59.4	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	60.2
GE 20000		58.8	60.0	63.3	64.1	64.7	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.9
GE 18000		59.4	60.5	63.9	64.6	65.3	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.5
GE 16000		59.4	60.5	63.9	64.6	65.3	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.5
GE 14000		59.4	60.5	63.9	64.6	65.3	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.5
GE 12000		59.6	60.8	64.1	64.8	65.5	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.7
GE 10000		60.6	61.8	65.2	65.9	66.6	66.9	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.7
GE 9000		61.2	62.4	65.7	66.5	67.1	67.4	67.6	67.7	67.7	67.7	67.8	67.8	67.8	68.0	68.3
GE 8000		66.0	67.2	70.6	71.5	72.2	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.3
GE 7000		68.8	70.1	73.7	74.4	75.1	75.4	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.2
GE 6000		69.5	70.8	74.3	75.1	75.7	76.0	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.6	76.9
GE 5000		69.6	70.9	74.5	75.3	75.9	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	77.1
GE 4500		69.6	70.9	74.5	75.3	75.9	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	77.1
GE 4000		70.0	71.4	75.2	75.9	76.6	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.7
GE 3500		70.8	72.2	76.0	76.8	77.4	77.7	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.6
GE 3000		74.9	76.8	81.3	82.3	83.2	83.5	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.5
GE 2500		75.7	77.6	82.4	83.7	84.3	84.9	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.9
GE 2000		77.6	80.6	85.5	86.5	87.4	88.1	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9	89.2
GE 1800		77.8	80.9	85.8	86.8	87.7	88.5	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.4	89.7
GE 1600		78.6	81.7	87.0	88.2	89.2	90.2	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.4
GE 1400		79.1	82.3	87.7	89.0	90.0	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.4
GE 1200		79.5	82.9	88.5	89.9	91.0	92.0	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.9	93.2
GE 1000		79.6	83.0	88.7	90.1	91.1	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.5
GE 900		79.8	83.2	89.0	90.4	91.5	92.8	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.7	94.0
GE 800		79.9	83.3	89.2	90.6	91.6	93.1	93.4	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.3
GE 700		79.9	83.4	89.4	90.7	91.9	93.2	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.4
GE 600		79.9	83.4	89.8	91.3	92.5	94.2	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.2	95.5
GE 400		79.9	83.5	90.1	91.8	93.1	95.1	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.5
GE 200		79.9	83.7	90.3	91.9	93.3	95.7	96.2	96.6	96.7	96.7	96.8	96.8	96.9	97.0	97.6
GE 100		79.9	83.7	90.3	91.9	93.3	95.7	96.2	96.6	96.8	96.8	96.9	96.9	97.0	97.1	97.7
GE 0		79.9	83.7	90.3	91.8	93.3	95.7	96.2	96.6	96.8	96.8	96.9	96.9	97.0	97.1	98.5
GE 0		79.9	83.7	90.3	91.8	93.3	95.7	96.2	96.6	96.8	96.8	96.9	97.0	97.5	97.6	100.0

TOTAL NUMBER OF OPSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
CARETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0500-0529

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		53.6	55.0	56.2	59.0	59.4	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
GE 25000		56.8	58.4	61.9	62.6	63.1	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
GE 18000		57.2	58.6	62.2	63.0	63.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 16000		57.2	58.8	62.2	63.0	63.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 14000		57.2	58.8	62.2	63.0	63.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 12000		57.3	58.9	62.3	63.1	63.5	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 10000		57.9	59.5	63.0	63.7	64.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 9000		58.6	60.3	63.7	64.5	64.9	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 7000		63.0	64.7	68.6	69.3	69.8	70.5	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 6000		65.6	67.7	71.6	72.3	72.8	73.5	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 5000		67.3	69.9	72.8	73.5	74.0	74.7	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 4500		67.2	69.1	73.0	73.7	74.2	74.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 4000		67.2	69.1	73.0	73.7	74.2	74.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 3500		67.7	69.8	73.6	74.4	74.8	75.6	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 3000		67.6	69.9	73.7	74.5	74.9	75.7	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8
GE 2500		72.1	74.5	79.3	80.1	80.5	81.3	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.7
GE 2200		73.4	75.8	80.6	81.4	81.8	82.8	83.7	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.3
GE 2000		75.3	78.3	83.3	84.1	84.5	85.7	86.7	86.8	86.9	86.9	86.9	87.1	87.2	87.2	87.4
GE 1800		75.8	78.7	83.7	84.5	84.9	86.1	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.6
GE 1600		77.3	80.2	85.3	86.1	86.4	87.6	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.1
GE 1400		77.8	80.6	86.1	86.9	87.3	88.5	89.5	89.6	89.7	89.7	89.7	89.9	89.9	89.8	90.0
GE 1200		78.1	81.6	86.9	87.7	88.4	89.6	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.3
GE 1000		78.5	81.9	87.2	88.1	88.7	89.9	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.6
GE 900		78.9	82.6	87.8	88.7	89.7	91.0	92.0	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.7
GE 800		79.1	82.8	88.2	89.3	90.0	91.4	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.1
GE 700		79.2	82.9	88.3	89.5	90.1	91.5	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.2
GE 600		79.2	83.1	88.7	90.1	90.7	92.2	93.5	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.3
GE 500		79.4	83.2	88.9	90.3	91.0	92.7	94.1	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.8
GE 400		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.7	95.7	95.7	95.8	95.8	95.8	96.0
GE 300		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.8	95.8	95.8	95.9	95.9	95.9	96.2
GE 200		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.8	95.9	95.8	95.9	96.0	96.1	97.1
GE 0		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.8	95.9	95.9	96.0	97.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 9,9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.9	54.3	57.0	58.6	58.3	59.6	60.0	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.3
GE 20000		55.4	56.9	59.6	60.5	60.9	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.9	62.9	62.9
GE 18000		55.7	57.2	59.9	60.9	61.2	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2
GE 16000		55.7	57.2	59.9	60.9	61.2	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2
GE 14000		55.7	57.2	59.9	60.9	61.2	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2
GE 12000		55.9	57.4	60.1	61.1	61.4	62.7	63.1	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4
GE 10000		57.0	58.5	61.2	62.2	62.5	63.8	64.2	64.3	64.4	64.4	64.4	64.5	64.6	64.6	64.6
GE 9000		58.4	59.9	62.6	63.5	63.9	65.2	65.6	65.7	65.8	65.8	65.8	65.9	66.0	66.0	66.0
GE 8000		62.5	64.0	66.8	68.0	68.3	69.6	70.1	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.5
GE 7000		64.8	66.3	69.1	70.3	70.6	71.9	72.5	72.6	72.7	72.7	72.7	72.8	72.9	72.9	72.9
GE 6000		65.6	67.3	70.1	71.3	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 5000		65.8	67.3	70.1	71.3	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 4500		65.8	67.3	70.1	71.3	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 4000		66.7	68.3	71.1	72.4	72.7	74.0	74.5	74.6	74.7	74.7	74.7	74.8	74.9	74.9	74.9
GE 3500		67.1	68.7	71.5	72.6	73.1	74.4	74.9	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.4
GE 3000		71.6	73.8	76.9	78.3	78.6	79.9	80.4	80.5	80.6	80.6	80.6	80.8	80.9	80.9	80.9
GE 2500		73.1	75.3	78.4	79.8	80.1	81.4	81.9	82.0	82.2	82.2	82.2	82.3	82.7	82.7	82.7
GE 2000		74.7	77.0	80.4	81.6	82.2	83.4	84.0	84.1	84.2	84.2	84.2	84.3	84.7	84.7	84.7
GE 1800		75.1	77.3	80.8	82.2	82.5	83.8	84.3	84.4	84.5	84.5	84.5	84.6	85.1	85.1	85.1
GE 1500		76.9	79.5	83.0	84.4	84.7	86.0	86.6	86.7	86.8	86.8	86.8	86.9	87.3	87.3	87.3
GE 1200		77.2	79.8	83.4	84.8	85.2	86.5	87.0	87.1	87.2	87.2	87.2	87.3	87.7	87.7	87.7
GE 1000		78.1	80.8	84.6	86.2	86.7	88.1	88.6	88.7	88.8	88.8	88.8	88.9	89.4	89.4	89.4
GE 900		78.4	81.3	85.5	86.9	87.3	88.7	89.2	89.4	89.5	89.5	89.5	89.6	90.0	90.0	90.0
GE 800		78.5	81.5	85.8	87.2	87.6	89.1	89.7	89.8	89.9	89.9	89.9	90.0	90.4	90.4	90.4
GE 700		78.8	82.0	86.6	88.0	88.4	90.0	90.5	90.6	90.8	90.8	90.8	90.9	91.3	91.3	91.3
GE 600		78.8	82.2	86.8	88.2	88.6	90.2	90.9	91.0	91.1	91.1	91.1	91.2	91.6	91.6	91.7
GE 500		79.0	82.6	87.5	89.0	89.5	91.2	91.8	92.0	92.3	92.3	92.3	92.4	92.8	92.8	92.9
GE 400		79.0	83.0	88.1	89.6	90.2	92.2	92.9	93.1	93.4	93.5	93.5	93.7	94.1	94.1	94.2
GE 300		79.0	83.0	88.3	89.8	90.4	92.5	93.2	93.4	93.8	93.9	93.9	94.2	94.6	94.6	94.7
GE 200		79.0	83.0	88.3	89.8	90.4	92.5	93.3	93.5	94.2	94.3	94.3	94.6	95.1	95.1	95.2
GE 100		79.0	83.0	88.3	89.8	90.4	92.5	93.3	93.5	94.3	94.5	94.5	94.8	95.3	95.6	96.0
GE 0		79.0	83.0	88.3	89.8	90.4	92.5	93.3	93.5	94.3	94.6	94.8	95.2	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 6	GE 5	GE 4	GE 2
NO CEIL		43.2	44.1	46.1	47.1	47.5	48.1	48.5	48.8	49.1	49.2	49.5	49.5	49.5	49.5	49.5
GE 20000		50.9	52.5	55.1	56.1	56.6	57.3	57.8	58.3	58.6	58.7	58.9	58.9	58.9	58.9	58.9
GE 18000		51.1	52.7	55.3	56.3	56.8	57.5	58.1	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1
GE 16000		51.1	52.7	55.3	56.3	56.8	57.5	58.1	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1
GE 14000		51.1	52.7	55.3	56.3	56.8	57.5	58.1	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1
GE 12000		51.4	53.0	55.6	56.7	57.1	57.8	58.4	58.8	59.1	59.2	59.5	59.5	59.5	59.5	59.5
GE 10000		52.8	54.5	57.1	58.2	58.6	59.4	59.9	60.3	60.6	60.8	61.0	61.0	61.0	61.0	61.0
GE 9000		53.3	55.2	57.7	58.8	59.2	60.0	60.5	61.0	61.3	61.4	61.6	61.6	61.6	61.6	61.6
GE 8000		56.6	58.6	61.5	62.7	63.1	63.9	64.8	65.3	65.6	65.7	65.9	65.9	65.9	65.9	66.
GE 7000		58.4	60.5	63.4	64.6	65.1	65.8	67.0	67.5	67.8	68.0	68.2	68.2	68.2	68.2	68.3
GE 6000		58.5	60.8	63.7	64.8	65.3	66.1	67.3	67.8	68.2	68.3	68.5	68.5	68.5	68.5	68.6
GE 5000		58.6	60.9	63.8	64.9	65.4	66.2	67.4	68.0	68.3	68.4	68.6	68.6	68.6	68.6	68.7
GE 4500		58.7	61.0	63.9	65.1	65.5	66.3	67.5	68.1	68.4	68.5	68.7	68.7	68.7	68.7	68.8
GE 4000		60.2	62.6	65.8	67.0	67.4	68.3	69.5	70.0	70.3	70.5	70.8	70.8	70.8	70.8	70.9
GE 3500		61.0	63.3	66.6	67.7	68.2	69.0	70.2	70.8	71.1	71.3	71.5	71.5	71.5	71.5	71.6
GE 3000		65.8	68.4	71.8	73.0	73.4	74.4	75.7	76.2	76.7	76.9	77.1	77.1	77.1	77.1	77.2
GE 2500		68.2	71.0	74.5	75.7	76.1	77.1	78.5	79.0	79.5	79.7	79.9	79.9	79.9	79.9	80.1
GE 2000		70.1	73.1	77.2	78.4	78.8	79.9	81.5	82.2	82.6	82.8	83.0	83.0	83.0	83.0	83.1
GE 1800		70.1	73.2	77.4	78.7	79.1	80.2	81.8	82.5	82.9	83.1	83.3	83.3	83.3	83.3	83.4
GE 1600		71.1	74.4	78.9	80.2	80.8	81.9	83.7	84.3	84.7	84.9	85.2	85.2	85.2	85.2	85.3
GE 1400		71.3	74.8	80.4	82.0	82.5	83.9	85.7	86.3	86.8	87.0	87.2	87.2	87.5	87.5	87.6
GE 1200		71.8	75.5	81.5	83.1	83.7	85.1	87.0	87.7	88.2	88.4	88.6	88.6	88.9	88.9	89.1
GE 1000		72.0	75.8	81.6	83.7	84.3	85.7	87.7	88.6	89.0	89.2	89.5	89.5	89.8	89.8	89.9
GE 900		72.0	76.0	82.2	84.1	84.7	86.3	88.4	89.2	89.7	89.9	90.1	90.1	90.4	90.4	90.5
GE 800		72.2	76.1	82.4	84.6	85.4	87.1	89.2	90.2	90.6	90.9	91.1	91.1	91.4	91.4	91.5
GE 700		72.2	76.1	82.6	84.7	85.7	87.5	89.6	90.9	91.3	91.5	91.7	91.7	92.0	92.0	92.1
GE 600		72.2	76.1	82.8	85.3	86.0	88.1	90.5	91.6	92.0	92.4	92.6	92.6	92.9	92.9	93.0
GE 500		72.2	76.1	82.8	85.3	86.0	88.2	90.6	91.9	92.6	93.0	93.2	93.2	93.5	93.5	93.7
GE 400		72.2	76.1	82.8	85.4	86.0	88.2	90.9	92.3	93.2	93.7	94.1	94.2	94.5	94.5	94.7
GE 300		72.2	76.1	82.8	85.5	86.0	88.2	90.9	92.5	93.5	94.1	94.5	94.7	95.1	95.1	95.3
GE 200		72.2	76.1	82.8	85.5	86.0	88.2	90.9	92.5	93.7	94.2	94.7	94.9	95.6	95.9	97.4
GE 0		72.2	76.1	82.8	85.5	86.0	88.2	90.9	92.5	93.7	94.2	94.7	94.9	95.8	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		45.7	47.0	48.2	49.2	49.5	49.9	50.2	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.8
GE 20000		52.6	54.8	56.3	57.4	57.7	58.3	58.6	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.1
GE 18000		53.4	55.6	57.1	58.2	58.5	59.0	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
GE 16000		53.4	55.6	57.1	58.2	58.5	59.0	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
GE 14000		53.4	55.6	57.1	58.2	58.5	59.0	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
GE 12000		53.7	55.8	57.3	58.4	58.7	59.2	59.6	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.2
GE 10000		54.7	57.0	58.6	59.7	60.0	60.5	60.9	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.5
GE 9000		56.1	58.5	60.1	61.2	61.5	62.0	62.4	62.5	62.7	62.9	62.9	62.9	62.9	62.9	63.0
GE 8000		59.9	62.6	64.3	65.4	65.7	66.2	66.6	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.3
GE 7000		62.2	65.1	66.8	67.8	68.2	68.8	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.9
GE 6000		62.4	65.3	67.3	68.5	68.8	69.5	69.8	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.5
GE 5000		62.6	65.6	67.6	68.8	69.1	69.8	70.1	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.9
GE 4500		62.6	65.6	67.6	68.8	69.1	69.8	70.1	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.9
GE 4000		63.9	66.9	68.9	70.1	70.4	71.1	71.5	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.5
GE 3500		65.2	68.2	70.2	71.4	71.7	72.4	72.8	73.1	73.4	73.7	73.7	73.7	73.7	73.7	73.8
GE 3000		71.8	75.6	77.8	79.1	79.5	80.2	80.6	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.6
GE 2500		73.9	77.6	80.1	81.4	81.8	82.6	83.0	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.1
GE 2200		75.8	79.9	83.1	84.5	85.1	85.8	86.2	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.3
GE 2000		76.0	80.1	83.3	84.8	85.4	86.1	86.6	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.6
GE 1800		76.8	81.2	84.7	86.5	87.0	87.7	88.3	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.6
GE 1600		77.5	82.2	86.0	88.0	88.5	89.5	90.0	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.3
GE 1400		78.2	82.9	87.1	89.2	89.8	90.8	91.4	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.9
GE 1200		78.2	82.9	87.1	89.5	90.0	91.0	91.6	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.1
GE 1000		78.2	82.9	87.2	89.7	90.3	91.4	92.2	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.7
GE 900		78.2	82.9	87.6	90.5	91.2	92.5	93.3	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.8
GE 800		78.2	82.9	87.7	90.9	91.5	92.9	93.9	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.4
GE 700		78.4	83.1	88.1	91.2	91.8	93.2	94.4	95.5	95.9	96.2	96.2	96.2	96.2	96.2	96.3
GE 600		78.4	83.1	88.1	91.3	91.9	93.4	94.8	95.9	96.6	96.9	97.0	97.0	97.0	97.0	97.1
GE 500		78.4	83.1	88.1	91.3	91.9	93.4	94.8	95.9	96.6	96.9	97.0	97.1	97.1	97.1	97.3
GE 400		78.4	83.1	88.1	91.3	91.9	93.4	94.9	96.0	96.9	97.6	97.7	98.1	98.2	98.4	98.6
GE 300		78.4	83.1	88.1	91.3	91.9	93.4	94.9	96.0	96.9	97.6	97.7	98.1	98.2	98.4	99.1
GE 0		78.4	83.1	88.1	91.3	91.9	93.4	94.9	96.0	96.9	97.6	97.7	98.1	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		48.5	49.8	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.5
GE 20000		58.2	60.0	61.6	61.8	61.8	61.8	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.2
GE 18000		59.5	61.3	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 16000		59.5	61.3	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 14000		59.5	61.3	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 12000		59.8	61.6	63.3	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0
GE 10000		60.9	62.7	64.4	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.1
GE 9000		62.0	64.0	65.7	65.9	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.6
GE 8000		65.3	67.2	69.0	69.2	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.9
GE 7000		68.5	70.6	72.6	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 6000		69.5	71.8	73.9	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.7
GE 5000		70.1	72.5	74.5	74.7	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 4500		70.1	72.5	74.5	74.7	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 4000		72.2	74.5	76.8	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6
GE 3500		74.0	76.5	78.7	78.9	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.6
GE 3000		80.9	83.5	85.9	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.9
GE 2500		83.2	85.9	88.7	89.0	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.9
GE 2000		84.6	87.5	91.1	91.5	91.7	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.4
GE 1800		84.7	87.6	91.3	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6
GE 1600		85.8	88.8	92.8	93.3	93.5	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.3
GE 1200		86.0	89.2	93.2	93.9	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.8
GE 1000		86.2	89.5	93.4	94.2	94.5	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE 900		86.2	89.5	93.5	94.4	94.7	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.9
GE 800		86.2	89.5	93.7	94.7	95.1	95.4	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.5
GE 700		86.2	89.5	93.7	94.7	95.1	95.4	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.5
GE 600		86.3	89.6	93.9	95.2	95.5	95.9	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.4
GE 500		86.3	89.6	93.9	95.2	95.6	96.0	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 400		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.6
GE 300		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0
GE 200		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	98.9	99.0	99.1	99.4
GE 100		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	99.0	99.1	99.5	99.8
GE 0		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.4	53.5	54.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.6
GE 20000		60.3	61.9	63.7	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.6	
GE 18000		61.8	63.4	65.2	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.2
GE 16000		61.8	63.4	65.2	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.2
GE 14000		61.8	63.4	65.2	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.2
GE 12000		62.0	63.7	65.4	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.4
GE 10000		62.9	64.5	66.2	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.9	67.8	68.0	68.3
GE 9000		63.4	65.1	67.0	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	69.0
GE 8000		67.4	69.0	71.4	72.4	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.5
GE 7000		70.8	72.5	74.9	76.5	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	77.2
GE 6000		71.1	72.8	75.4	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.6
GE 5000		71.4	73.1	75.7	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	78.0
GE 4500		71.4	73.1	75.7	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	78.0
GE 4000		72.5	74.3	77.0	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.5
GE 3500		73.8	75.6	78.4	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	81.0
GE 3000		79.8	81.7	84.9	86.9	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.6
GE 2500		81.5	83.7	87.2	89.1	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	90.1
GE 2200		83.2	85.8	90.1	92.2	92.4	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	93.2
GE 2000		83.7	86.3	90.6	92.7	92.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.8
GE 1800		84.1	87.1	91.7	93.9	94.1	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.9
GE 1700		84.5	87.6	92.4	94.6	94.7	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.7
GE 1600		84.8	88.0	93.0	95.2	95.5	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.6
GE 1500		85.1	88.2	93.3	95.5	95.8	95.9	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	97.1
GE 1400		85.2	88.3	93.4	95.6	95.9	96.0	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.4
GE 1300		85.2	88.3	93.5	95.8	96.1	96.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.7
GE 1200		85.2	88.4	93.7	95.9	96.5	96.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	98.2
GE 1100		85.2	88.4	93.7	95.9	96.5	96.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.3
GE 1000		85.2	88.4	93.7	96.0	96.6	96.7	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.7
GE 900		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.5	98.6	98.9
GE 800		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.5	98.7	99.0
GE 100		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.6	98.9	99.4
GE 0		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227O STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE [illegible]
NO CEIL		56.9	59.2	59.8	60.4	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
[illegible]		60.0	61.3	64.1	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
[illegible]		60.9	62.2	65.0	65.7	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6
[illegible]		61.0	62.3	65.1	65.8	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
[illegible]		61.0	62.3	65.1	65.8	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
[illegible]		61.5	62.8	65.6	66.4	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
[illegible]		62.1	63.4	66.4	67.1	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
[illegible]		62.7	64.1	67.1	67.9	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
[illegible]		67.2	68.6	72.1	72.8	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
[illegible]		72.1	73.6	77.3	78.0	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9
[illegible]		72.7	74.2	78.0	78.8	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
[illegible]		72.7	74.2	78.2	79.0	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
[illegible]		72.7	74.2	78.2	79.0	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
[illegible]		73.4	74.9	79.1	79.8	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
[illegible]		74.2	75.8	80.2	80.9	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
[illegible]		78.3	79.4	84.5	85.7	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
[illegible]		79.0	80.9	85.9	87.1	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
[illegible]		81.8	83.1	89.1	90.5	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
[illegible]		82.2	84.5	89.7	91.2	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
[illegible]		82.5	84.9	90.4	92.2	93.0	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
[illegible]		82.9	85.2	90.9	92.8	93.6	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
[illegible]		83.0	85.5	91.2	93.2	94.1	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
[illegible]		83.2	85.7	91.4	93.6	94.6	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
[illegible]		83.4	85.9	91.8	94.1	95.0	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
[illegible]		83.4	85.9	92.0	94.3	95.4	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
[illegible]		83.4	85.9	92.0	94.3	95.4	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
[illegible]		83.4	86.1	92.2	94.5	95.6	96.3	96.7	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3
[illegible]		83.4	86.4	92.6	94.8	95.9	96.7	97.1	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7
[illegible]		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.6
[illegible]		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.2	98.3	98.3	98.3	98.4	98.4	98.7
[illegible]		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.2	98.3	98.3	98.3	98.5	98.5	99.4
[illegible]		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.2	98.3	98.3	98.3	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		50.9	52.1	54.1	54.9	55.2	55.6	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.4	
GE 22000		56.6	58.2	60.7	61.6	61.9	62.4	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.1	
GE 18000		57.4	59.0	61.4	62.3	62.6	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.9	
GE 16000		57.4	59.0	61.4	62.3	62.6	63.1	63.4	63.5	63.6	63.7	63.7	63.7	63.8	63.9	
GE 14000		57.4	59.0	61.4	62.3	62.6	63.1	63.4	63.5	63.6	63.7	63.7	63.7	63.8	63.9	
GE 12000		57.6	59.2	61.7	62.6	62.9	63.4	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.2	
GE 10000		58.6	60.2	62.6	63.6	64.0	64.4	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.2	
GE 9000		59.5	61.2	63.7	64.6	64.9	65.4	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.2	
GE 8000		63.5	65.3	68.1	69.0	69.3	69.8	70.2	70.3	70.4	70.5	70.5	70.5	70.6	70.7	
GE 7000		66.4	68.3	71.2	72.1	72.5	73.0	73.4	73.5	73.6	73.7	73.7	73.7	73.8	73.9	
GE 6000		67.6	69.0	71.9	72.9	73.2	73.7	74.2	74.3	74.4	74.5	74.5	74.5	74.6	74.7	
GE 5000		67.2	69.2	72.2	73.1	73.5	74.0	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.9	
GE 4500		67.3	69.2	72.2	73.1	73.5	74.0	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.9	
GE 4000		68.3	70.3	73.4	74.4	74.8	75.3	75.7	75.9	76.0	76.1	76.1	76.1	76.2	76.3	
GE 3500		69.2	71.3	74.4	75.4	75.8	76.3	76.7	76.9	77.0	77.1	77.1	77.1	77.2	77.3	
GE 3000		74.4	76.8	80.3	81.4	81.9	82.4	82.9	83.0	83.2	83.2	83.3	83.3	83.4	83.5	
GE 2500		76.6	78.5	82.2	83.4	83.8	84.4	84.9	85.1	85.3	85.3	85.4	85.4	85.5	85.6	
GE 2000		77.9	80.6	85.0	86.2	86.7	87.4	87.9	88.1	88.3	88.3	88.4	88.4	88.5	88.7	
GE 1800		78.2	81.1	85.3	86.6	87.1	87.8	88.3	88.5	88.7	88.7	88.8	88.8	88.9	89.1	
GE 1600		79.1	82.2	86.7	88.1	88.6	89.4	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.7	
GE 1400		79.5	82.7	87.5	89.0	89.5	90.4	91.0	91.2	91.4	91.4	91.5	91.5	91.6	91.8	
GE 1200		80.0	83.3	88.3	89.8	90.4	91.3	92.0	92.3	92.5	92.5	92.6	92.6	92.7	92.9	
GE 1000		80.1	83.5	88.6	90.2	90.8	91.7	92.5	92.8	93.0	93.0	93.1	93.1	93.2	93.4	
GE 900		80.3	83.7	88.9	90.6	91.2	92.2	93.0	93.3	93.5	93.6	93.6	93.6	93.7	93.8	93.9
GE 800		80.4	83.9	89.1	91.1	91.7	92.7	93.6	93.9	94.1	94.1	94.2	94.2	94.3	94.3	94.5
GE 700		80.4	83.9	89.3	91.3	91.9	93.0	93.9	94.3	94.4	94.5	94.5	94.6	94.7	94.7	94.9
GE 600		80.5	84.1	89.6	91.6	92.3	93.5	94.5	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.7
GE 500		80.5	84.2	89.8	91.9	92.5	93.9	95.0	95.4	95.8	96.0	96.1	96.1	96.2	96.2	96.4
GE 400		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.3	96.5	96.6	96.7	96.8	96.8	97.1
GE 300		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.5	96.8	96.8	97.0	97.1	97.3	97.6
GE 200		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.5	96.8	96.9	97.1	97.3	97.5	98.4
GE 0		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.5	96.8	96.9	97.1	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08273 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
99 CEIL		56.6	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000		62.7	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 14000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000		64.5	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000		65.7	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000		70.5	71.2	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
GE 7000		73.5	74.2	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000		75.1	75.9	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
GE 5000		75.9	76.6	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
GE 4500		75.9	76.6	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
GE 4000		78.1	78.9	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
GE 3500		79.2	80.0	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000		86.7	87.7	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500		87.7	88.6	89.5	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000		90.1	91.1	92.1	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800		90.7	91.7	92.8	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1600		90.9	92.0	93.5	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1400		91.7	93.0	94.8	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200		92.2	93.5	95.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000		92.2	93.5	95.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900		92.2	93.5	95.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800		92.3	93.6	95.4	95.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700		92.3	93.7	96.0	96.7	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600		92.4	93.9	96.2	96.9	97.2	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 500		92.4	93.8	96.6	97.4	97.8	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400		92.4	94.0	96.7	97.6	98.0	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300		92.4	94.0	96.7	97.6	98.0	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0
GE 200		92.4	94.0	96.7	97.6	98.0	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0
GE 0		92.4	94.0	96.7	97.6	98.0	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE
NO CEIL		50.9	51.5	52.8	53.0	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
GE 20000		57.9	58.7	60.3	60.4	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 18000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 16000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 14000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 12000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 10000		60.4	61.2	62.8	62.9	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
GE 9000		61.8	62.6	64.2	64.3	64.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 8000		66.2	67.0	68.9	69.0	69.1	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 7000		69.1	70.2	72.1	72.2	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
GE 6000		70.0	71.0	72.9	73.0	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
GE 5000		70.1	71.2	73.0	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 4500		70.1	71.2	73.0	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 4000		71.9	72.9	74.8	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE 3500		73.8	74.8	76.7	76.8	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 3000		83.1	84.2	86.1	86.2	86.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	
GE 2500		84.3	85.3	87.2	87.4	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 2200		86.4	87.6	89.6	89.7	89.8	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE 1800		87.0	88.2	90.2	90.4	90.5	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 1500		88.2	89.4	91.4	92.1	92.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1200		86.7	90.0	92.4	93.6	93.7	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 1000		89.2	90.5	93.1	94.3	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 900		89.2	90.5	93.1	94.3	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 800		89.2	90.5	93.1	94.3	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 700		89.4	90.7	93.3	94.4	94.7	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 600		89.4	90.8	93.6	94.8	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 500		89.6	91.1	94.7	95.9	96.2	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	
GE 400		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	
GE 300		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.5	98.6	98.6	98.7	
GE 200		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.6	98.7	99.1	99.2	99.4
GE 100		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.6	98.7	99.1	99.2	99.4
GE 0		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.6	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		45.2	46.4	47.8	47.8	48.4	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000		52.0	53.5	55.5	55.5	56.1	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000		53.8	55.4	57.4	57.4	58.0	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000		55.3	56.8	58.8	58.8	59.4	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000		60.8	62.5	64.7	64.7	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000		63.0	64.6	67.0	67.0	67.6	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000		64.1	65.8	68.2	68.2	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000		64.1	65.8	68.2	68.2	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500		64.1	65.8	68.2	68.2	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4000		65.4	67.3	69.7	69.7	70.3	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500		67.6	69.5	71.8	71.8	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000		76.2	78.5	80.9	81.2	81.8	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500		78.2	80.6	83.2	83.4	84.0	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000		80.4	82.8	85.6	86.0	86.6	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800		80.5	83.0	85.7	86.2	86.7	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500		82.2	85.0	88.3	89.2	89.8	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200		83.6	86.5	90.2	91.1	91.7	92.1	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000		84.5	87.8	92.1	93.3	94.0	94.3	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900		84.5	87.8	92.2	93.5	94.4	94.8	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800		84.6	88.0	92.5	93.8	94.8	95.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700		84.6	88.2	92.7	94.1	95.1	95.5	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600		84.6	88.3	92.9	94.4	95.5	95.9	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500		84.7	88.4	93.3	94.8	95.9	96.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400		84.7	88.4	93.3	94.8	95.9	96.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300		84.7	88.4	93.3	94.8	95.9	96.4	97.4	97.4	97.6	97.6	97.8	97.9	97.9	97.9	97.9
GE 200		84.7	88.4	93.3	94.8	95.9	96.6	97.5	97.5	97.8	97.8	98.1	98.2	98.5	98.8	98.8
GE 100		84.7	88.4	93.3	94.8	95.9	96.6	97.5	97.5	97.8	97.8	98.1	98.2	98.6	98.9	99.2
GE 0		84.7	88.4	93.3	94.8	95.9	96.6	97.5	97.5	97.8	97.8	98.1	98.2	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
90 CEIL		37.6	39.6	41.8	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000		46.0	48.2	50.5	51.7	51.7	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000		46.5	48.6	51.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000		46.5	48.6	51.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000		46.6	48.8	51.1	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000		46.6	48.8	51.1	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000		48.2	50.3	52.7	53.8	53.8	54.0	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
GE 9000		49.7	52.0	54.4	55.6	55.6	55.7	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2
GE 8000		56.0	58.5	61.1	62.5	62.5	62.6	62.8	63.0	63.0	63.0	63.1	63.1	63.3	63.3	63.4
GE 7000		58.8	61.4	64.4	65.8	65.8	66.3	66.5	66.6	66.6	66.6	66.7	66.7	67.0	67.0	67.1
GE 6000		59.2	61.8	64.9	66.3	66.3	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.5	67.5	67.6
GE 5000		59.2	61.8	64.9	66.3	66.3	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.5	67.5	67.6
GE 4500		59.2	61.8	65.0	66.4	66.4	66.9	67.2	67.5	67.5	67.5	67.6	67.6	67.9	67.8	67.9
GE 4000		60.9	63.7	67.2	68.6	68.6	69.1	69.5	69.7	69.7	69.7	69.8	69.8	70.1	70.1	70.2
GE 3500		62.8	65.8	69.3	70.8	70.8	71.2	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.3
GE 3000		70.3	73.8	77.4	78.8	78.9	79.5	79.9	80.1	80.1	80.1	80.2	80.2	80.5	80.5	80.6
GE 2500		73.1	76.9	80.8	82.2	82.4	83.0	83.3	83.6	83.6	83.6	83.7	83.7	83.9	83.9	84.0
GE 2200		75.0	79.1	83.3	84.7	84.9	85.4	85.9	86.2	86.2	86.2	86.3	86.3	86.5	86.5	86.6
GE 1800		75.4	79.6	83.9	85.3	85.4	86.0	86.5	86.9	86.9	86.9	87.0	87.0	87.2	87.2	87.3
GE 1500		77.4	81.7	86.4	87.8	87.9	88.8	89.2	89.6	89.6	89.6	89.7	89.7	89.9	89.9	90.1
GE 1200		78.8	83.4	88.4	90.2	90.3	91.1	92.0	92.3	92.3	92.3	92.4	92.4	92.7	92.7	92.8
GE 1000		79.6	84.3	89.3	91.5	91.6	92.5	93.6	94.1	94.2	94.2	94.3	94.3	94.6	94.6	94.7
GE 900		79.8	84.4	89.6	91.8	92.1	93.1	94.2	94.7	94.8	94.8	94.9	94.9	95.1	95.1	95.3
GE 800		80.0	84.6	89.8	92.1	92.3	93.4	94.7	95.3	95.4	95.4	95.5	95.5	95.7	95.7	95.9
GE 700		80.0	84.9	90.1	92.3	92.5	93.6	95.0	95.9	96.0	96.0	96.1	96.1	96.3	96.3	96.4
GE 600		80.1	85.0	90.3	92.4	93.1	94.4	95.9	96.7	96.8	96.8	96.9	96.9	97.2	97.2	97.3
GE 500		80.1	85.0	90.3	92.4	93.1	94.4	96.1	96.9	97.0	97.0	97.2	97.2	97.4	97.4	97.5
GE 450		80.1	85.0	90.3	92.4	93.1	94.4	96.1	97.2	97.4	97.4	97.5	97.5	97.8	97.8	97.9
GE 400		80.1	85.0	90.4	93.1	93.3	94.6	96.2	97.3	97.8	98.1	98.2	98.2	98.5	98.5	98.7
GE 300		80.1	85.0	90.4	93.0	93.3	94.6	96.2	97.3	97.8	98.1	98.3	98.3	98.6	98.6	98.9
GE 200		80.1	85.0	90.4	93.0	93.3	94.6	96.2	97.3	97.8	98.1	98.3	98.3	98.7	98.7	99.3
GE 0		80.2	85.1	90.5	93.1	93.4	94.7	96.3	97.4	97.9	98.2	98.5	98.5	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		38.9	40.9	41.4	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000		47.6	50.0	50.8	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000		48.8	51.1	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000		48.8	51.1	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000		48.8	51.1	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000		49.3	51.5	52.4	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000		51.5	53.8	54.6	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000		52.7	55.2	56.0	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000		58.9	61.7	62.9	63.2	63.2	63.2	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000		61.3	64.3	65.6	66.0	66.0	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000		62.3	65.2	66.7	67.0	67.0	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 5000		62.6	65.6	67.0	67.4	67.4	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500		62.8	65.7	67.1	67.5	67.5	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000		65.6	68.6	70.1	70.4	70.4	70.7	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500		68.7	71.7	73.3	73.6	73.6	73.9	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000		77.8	81.7	83.7	84.0	84.0	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500		80.0	83.9	86.2	86.5	86.5	87.0	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000		82.9	86.9	89.1	89.5	89.5	90.0	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800		83.3	87.4	89.6	90.1	90.1	90.5	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500		84.3	88.8	91.4	91.8	92.0	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200		85.1	89.8	93.1	93.7	93.9	94.3	94.7	94.9	94.9	95.0	95.0	95.1	95.0	95.0	95.0
GE 1000		85.6	90.5	94.1	94.7	95.2	95.7	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 900		85.6	90.7	94.3	94.9	95.4	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800		85.8	90.9	94.7	95.4	95.9	96.6	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 700		85.8	90.9	94.7	95.4	95.9	96.6	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 600		85.8	90.9	94.8	95.5	96.1	96.9	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 500		85.8	91.0	95.2	95.9	96.5	97.3	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		85.8	91.0	95.2	95.9	96.5	97.4	98.5	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 200		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 100		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 0		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		42.1	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000		53.0	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000		53.9	54.3	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
GE 13000		53.9	54.3	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
GE 10000		53.9	54.3	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
GE 9000		54.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000		56.0	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000		57.9	58.4	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
GE 6000		63.5	64.1	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
GE 5000		67.3	68.1	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
GE 4500		67.7	68.6	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
GE 4000		68.3	69.1	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
GE 3500		68.3	69.1	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
GE 3000		71.3	72.1	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
GE 2500		74.6	75.4	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
GE 2200		87.8	89.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500		89.5	90.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000		90.7	92.1	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800		90.7	92.1	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500		91.5	93.1	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200		92.1	93.7	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000		92.6	94.2	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900		92.6	94.2	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800		93.1	94.8	97.6	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700		93.3	94.9	97.8	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600		93.3	94.9	97.8	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500		93.3	94.9	97.8	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0
GE 100		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0
GE 0		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1900-2200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		48.6	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 25000		57.2	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000		58.4	58.9	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
GE 16000		58.4	58.9	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
GE 14000		58.4	58.9	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
GE 12000		58.4	58.9	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
GE 10000		59.9	60.5	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
GE 9000		62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000		66.5	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000		70.7	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000		71.5	72.3	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
GE 5000		72.3	73.2	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
GE 4500		72.3	73.2	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
GE 4000		76.0	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500		77.7	78.5	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
GE 3000		88.1	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
GE 2500		89.8	91.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2200		91.4	92.8	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
GE 2000		91.5	92.9	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800		92.6	93.6	95.6	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1700		92.7	94.6	96.8	96.9	96.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1600		93.0	94.9	97.2	97.4	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500		93.0	94.9	97.3	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1400		93.3	95.3	97.6	97.8	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1300		93.3	95.4	98.0	98.2	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200		93.3	95.4	98.0	98.2	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1100		93.3	95.4	98.0	98.2	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000		93.3	95.4	98.1	98.3	98.6	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 900		93.3	95.4	98.1	98.4	98.6	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 800		93.3	95.4	98.1	98.4	98.6	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 700		93.3	95.4	98.1	98.4	98.6	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 600		93.3	95.4	98.1	98.4	98.6	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOT NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(LST): 0100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		56.4	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000		62.5	63.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
GE 18000		63.6	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
GE 16000		63.6	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
GE 14000		63.6	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
GE 12000		63.7	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4
GE 10000		65.4	66.1	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1
GE 9000		67.0	67.7	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
GE 8000		71.2	71.9	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
GE 7000		74.7	75.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4
GE 6000		75.2	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
GE 5000		75.8	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
GE 4500		75.8	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
GE 4000		78.5	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
GE 3500		80.4	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1
GE 3000		88.5	89.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
GE 2500		89.2	90.0	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
GE 2000		91.5	92.2	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1
GE 1800		91.7	92.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
GE 1500		92.2	92.9	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9
GE 1200		93.0	93.7	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0
GE 1000		93.3	94.0	96.5	96.7	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 900		93.5	94.2	96.7	97.0	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.8	97.8
GE 800		93.5	94.2	96.8	97.2	97.4	97.5	97.6	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1
GE 700		93.6	94.4	97.0	97.4	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4
GE 600		93.6	94.6	97.4	97.8	98.1	98.2	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0
GE 500		93.7	94.7	97.5	97.9	98.2	98.3	98.7	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 400		93.7	94.8	98.0	98.3	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.7	99.7	99.7
GE 300		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: [illegible]

[illegible]

A... CLIMATOLOGY BRANCH
...ATA
...WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

... STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

CEILING | VISIBILITY IN HUNDREDS OF METERS

CEILING															
...	...	GE 50	GE 40	GE 30	GE 20	GE 15	GE 14	GE 13	GE 12	GE 11	GE 10	GE 9	GE 8	GE 5	GE 4	GE 0
...	...	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
...	...	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
...	...	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
...	...	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	75.6
...	...	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
...	...	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
...	...	76.2	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
...	...	77.0	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
...	...	83.1	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
...	...	86.1	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
...	...	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	87.2	87.2
...	...	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	87.2	87.2
...	...	88.5	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
...	...	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	94.8	94.8
...	...	95.1	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
...	...	96.5	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
...	...	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
...	...	98.3	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
...	...	98.8	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
...	...	99.2	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	99.5	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	99.5	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
...	...	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
...	...	99.7	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	99.8
...	...	99.8	99.8	99.8	99.8	99.8	99.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		66.1	66.6	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
GE 20000		73.2	73.7	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
GE 18000		73.4	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
GE 16000		73.5	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
GE 14000		73.5	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
GE 12000		74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000		75.2	75.8	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
GE 9000		75.6	76.1	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
GE 8000		80.5	81.3	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
GE 7000		82.8	83.5	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
GE 6000		82.9	83.6	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
GE 5000		83.1	83.9	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
GE 4500		83.1	83.9	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
GE 4000		84.4	85.3	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
GE 3500		85.1	86.0	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
GE 3000		90.4	91.4	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
GE 2500		91.6	92.6	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
GE 2000		93.3	94.3	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
GE 1800		93.6	94.6	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
GE 1500		94.5	95.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200		94.8	95.9	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000		95.6	96.7	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900		95.8	96.9	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800		95.9	97.0	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700		95.9	97.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600		95.9	97.0	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500		95.9	97.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		95.9	97.0	99.4	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 1
NO CEIL		62.6	63.5	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000		70.2	71.5	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000		70.2	71.5	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000		70.3	71.6	72.0	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000		70.3	71.6	72.0	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000		70.4	71.7	72.2	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000		71.7	73.0	73.4	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000		71.9	73.2	73.7	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000		76.6	78.2	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000		78.8	80.4	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000		78.9	80.6	81.1	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000		79.2	81.0	81.4	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500		79.2	81.0	81.4	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000		80.2	81.9	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500		81.5	83.2	83.9	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000		85.8	87.5	88.7	88.9	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500		87.4	89.2	90.5	90.8	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000		89.2	91.1	92.5	92.7	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800		89.6	91.4	92.9	93.1	93.2	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500		91.5	93.3	94.8	95.1	95.2	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200		91.9	93.8	95.7	95.9	96.0	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000		92.8	94.8	96.8	97.2	97.3	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900		93.0	95.2	97.2	97.6	97.7	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800		93.1	95.5	97.6	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700		93.1	95.5	97.6	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600		93.1	95.5	97.6	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500		93.2	95.6	97.8	98.3	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 450		93.2	95.6	97.8	98.3	98.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 350		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 0		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL	53.1	54.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 22000	63.3	64.9	66.0	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	63.4	65.2	66.2	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	63.4	65.2	66.2	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	63.6	65.5	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	64.0	65.7	66.8	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	65.6	67.3	68.5	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	67.0	68.7	70.0	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	71.3	73.2	74.8	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	74.3	76.2	78.0	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	74.5	76.5	78.2	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	74.5	76.5	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	74.5	76.5	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	75.3	77.2	79.0	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	76.1	78.1	80.0	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	84.0	86.1	88.5	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	85.1	87.3	89.7	90.2	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	87.1	89.8	92.4	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	87.5	90.2	92.8	93.4	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	88.8	91.6	94.2	94.8	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	89.6	92.5	95.1	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	89.9	92.8	95.4	96.1	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	90.0	93.0	95.6	96.4	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	90.2	93.2	95.9	96.7	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	90.3	93.4	96.2	97.2	97.4	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	90.4	93.5	96.3	97.3	97.8	98.4	98.4	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8
GE 450	90.5	93.7	96.6	97.5	98.1	98.5	98.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	90.5	93.7	96.6	97.5	98.2	98.6	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 350	90.5	93.7	96.6	97.6	98.2	98.7	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	90.5	93.7	96.6	97.6	98.2	98.8	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 250	90.5	93.7	96.6	97.6	98.2	98.9	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	90.5	93.7	96.6	97.6	98.2	98.9	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 150	90.5	93.7	96.6	97.6	98.2	98.9	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	90.5	93.7	96.6	97.6	98.2	98.9	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 50	90.5	93.7	96.6	97.6	98.2	98.9	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	90.5	93.7	96.6	97.6	98.2	98.9	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 955

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2	GE 0
50 CEIL	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
[illegible]	63.6	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
[illegible]	64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
[illegible]	64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
[illegible]	64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
[illegible]	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
[illegible]	66.7	66.8	67.0	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
[illegible]	68.2	68.4	68.6	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
[illegible]	75.1	75.4	75.6	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
[illegible]	77.7	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
[illegible]	77.8	78.2	78.4	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
[illegible]	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
[illegible]	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
[illegible]	80.8	81.1	80.5	81.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.6	81.6	81.6	81.6	81.6
[illegible]	81.6	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	91.1	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	92.5	93.0	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	94.2
[illegible]	95.1	95.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
14	95.5	96.2	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	97.2
17	95.9	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	96.5	97.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	97.1	98.5	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	99.7
[illegible]	97.1	98.5	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	99.8
[illegible]	97.1	98.5	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	99.8
[illegible]	97.1	98.5	99.6	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
[illegible]	97.1	98.5	99.7	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
[illegible]	97.1	98.6	99.7	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
[illegible]	97.1	98.5	99.7	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
[illegible]	97.1	98.5	99.7	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
[illegible]	97.1	98.5	99.7	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
[illegible]	97.1	98.5	99.7	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

[illegible] OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 20	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
99 CEIL		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
GE 12000		62.9	63.0	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
GE 9000		64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000		64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 4500		65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3000		65.4	65.5	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
GE 2500		66.9	67.0	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
GE 2000		68.9	69.0	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
GE 1800		76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1500		79.0	79.4	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
GE 1000		79.0	79.4	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
GE 900		79.1	79.5	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
GE 800		79.1	79.5	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
GE 700		82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 600		86.3	86.7	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
GE 500		96.1	96.8	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
GE 450		97.2	97.8	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
GE 400		97.8	98.7	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
GE 350		98.1	99.0	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
GE 300		98.4	99.2	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 250		98.4	99.2	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		98.4	99.2	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 175		98.4	99.2	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 150		98.4	99.2	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 125		98.4	99.2	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100		98.5	99.4	99.7	99.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 75		98.5	99.4	99.7	99.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 25		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 15		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.5	99.4	99.7	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

[illegible] OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 100	GE 90	GE 80	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 18000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.6
GE 14000		68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000		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
GE 10000		69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000		71.0	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000		77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000		82.4	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000		82.6	82.7	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
GE 5000		82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500		82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000		87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500		88.8	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000		95.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500		97.3	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2200		97.7	98.7	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
GE 2000		97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800		97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500		98.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200		98.1	99.1	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
GE 1000		98.1	99.1	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
GE 900		98.1	99.1	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
GE 800		98.1	99.1	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
GE 700		98.1	99.1	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
GE 600		98.2	99.2	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
GE 500		98.2	99.2	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
GE 400		98.2	99.2	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
GE 300		98.2	99.2	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
GE 200		98.2	99.2	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
GE 100		98.2	99.2	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

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		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	65.9
GE 20000		73.9	73.9	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
GE 18000		74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000		74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000		74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000		74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000		75.4	75.4	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
GE 9000		76.5	76.5	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
GE 8000		82.6	82.6	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
GE 7000		86.3	86.6	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
GE 6000		86.6	86.8	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
GE 5000		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
GE 4500		86.9	87.1	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
GE 4000		88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500		89.9	90.1	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
GE 3000		96.2	96.8	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
GE 2500		96.6	97.1	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
GE 2200		97.6	98.4	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
GE 2000		97.6	98.5	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
GE 1500		97.8	98.9	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
GE 1000		98.0	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
GE 900		98.1	99.1	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
GE 800		98.1	99.1	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
GE 700		98.1	99.1	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
GE 600		98.1	99.1	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
GE 500		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 220		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 25

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		58.4	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000		68.6	69.1	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
GE 18000		69.2	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000		69.3	69.8	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000		69.4	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000		69.7	70.2	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000		70.9	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000		72.0	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000		77.8	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000		80.9	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000		81.1	81.8	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000		81.3	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500		81.3	82.0	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000		83.2	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500		84.9	85.6	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000		91.7	92.7	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500		92.9	94.0	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2200		94.4	95.6	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
GE 2000		94.6	95.8	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800		95.3	96.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1600		95.6	96.9	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1400		96.0	97.4	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200		96.0	97.4	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000		96.1	97.5	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800		96.1	97.6	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		96.2	97.7	99.0	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		96.2	97.7	99.1	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7456

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		60.0	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 25000		68.1	68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 18000		68.6	68.6	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000		68.6	68.6	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000		68.7	68.7	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000		68.9	68.9	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000		70.4	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000		71.9	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000		79.1	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000		84.2	84.3	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000		84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000		84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500		84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000		86.5	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500		88.1	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000		93.1	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
GE 2500		95.2	95.8	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
GE 2200		96.1	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000		96.1	97.0	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800		96.7	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1600		97.3	98.2	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.
GE 1400		97.7	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		97.7	98.6	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000		97.8	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900		97.9	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800		97.9	99.0	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.9	99.0	99.4	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: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		61.7	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	63.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 22000		67.7	68.3	68.5	68.9	68.9	69.0	68.9	68.9	68.9	68.9	69.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000		66.3	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000		66.3	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000		66.5	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000		66.5	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000		70.2	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000		72.4	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000		78.3	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000		82.6	83.5	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000		83.0	83.9	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.8	84.8	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000		83.6	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500		83.6	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000		84.9	85.9	86.2	86.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500		86.1	87.1	87.4	87.6	87.6	87.9	87.9	87.9	87.9	88.	88.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000		93.4	94.5	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500		94.9	96.1	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 2200		95.7	96.9	97.4	97.6	97.8	97.9	97.9	97.9	97.9	98.0	98.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000		95.7	96.9	97.4	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800		96.6	97.8	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600		96.9	98.1	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400		97.1	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200		97.1	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000		97.1	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 900		97.1	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 800		97.1	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 700		97.1	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 600		97.1	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 500		97.2	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 400		97.2	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 300		97.2	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 200		97.2	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 100		97.2	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 0		97.2	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] TOTAL NUMBER OF OBSERVATIONS [illegible]

AIR WEATHER SERVICE/MAC — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible] AB SPAIN — PERIOD OF RECORD: 76-87
MONTH: APR HOURS(LST): 0000-0800

CEILING — VISIBILITY IN HUNDREDS OF METERS

CEILING	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[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]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

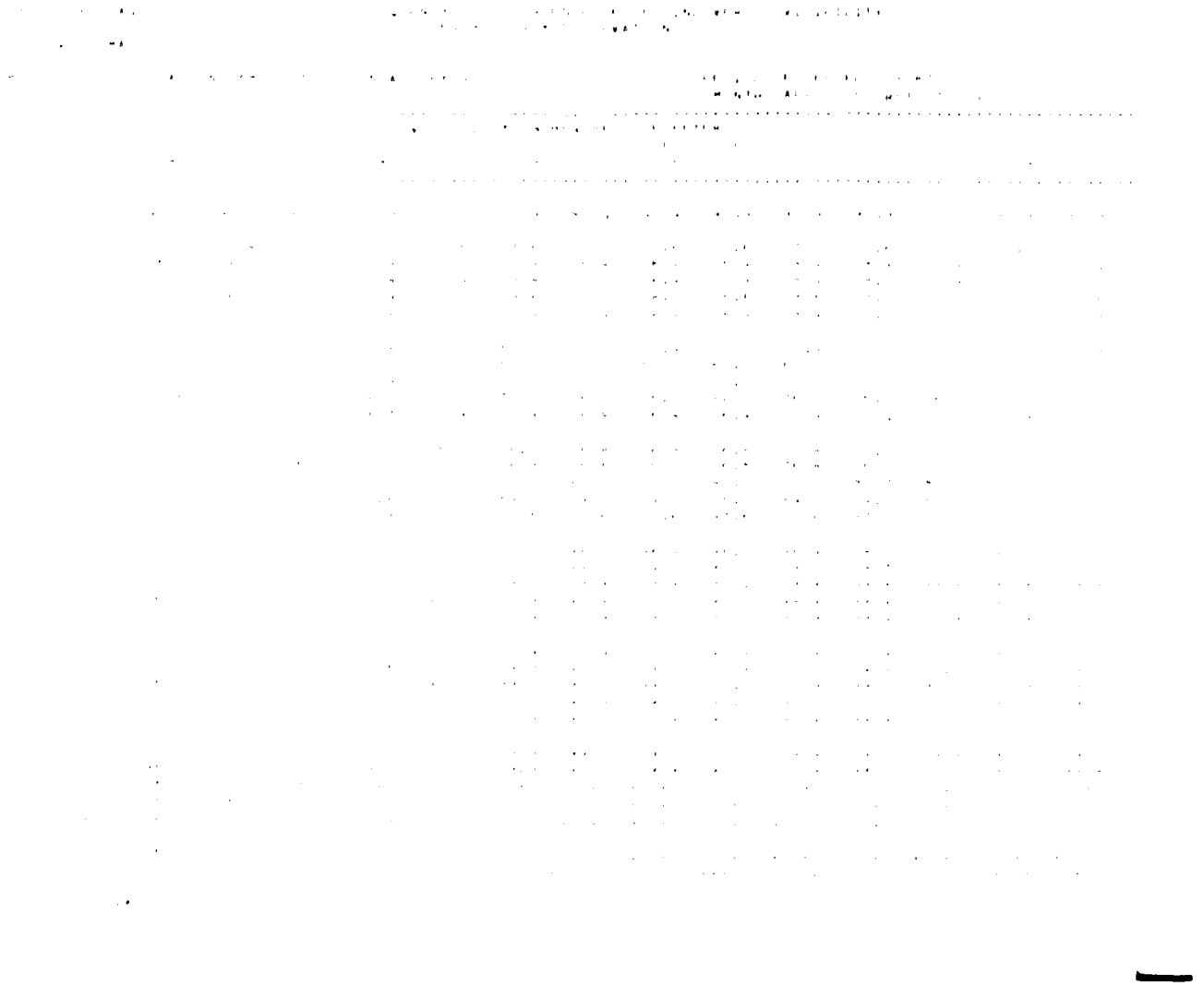
PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: [illegible]
MONTH: APR HOURS: [illegible]

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL		48.4	49.3	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000		61.0	61.9	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000		61.6	62.4	63.2	63.8	63.8	63.9	63.9	63.9	63.9	63.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000		61.7	62.6	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000		61.7	62.6	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000		61.7	62.6	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000		63.3	64.2	65.0	65.6	65.6	65.7	65.7	65.7	65.7	65.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000		65.0	65.9	66.7	67.2	67.2	67.3	67.3	67.3	67.3	67.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000		71.4	72.6	73.3	73.9	73.9	74.0	74.0	74.0	74.0	74.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000		74.7	75.9	76.8	77.3	77.3	77.4	77.4	77.4	77.4	77.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000		74.8	76.0	77.0	77.6	77.6	77.7	77.7	77.7	77.7	77.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000		75.0	76.2	77.3	77.9	77.9	78.0	78.0	78.0	78.0	78.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500		75.1	76.3	77.7	78.2	78.2	78.3	78.3	78.3	78.3	78.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000		78.0	79.3	80.7	81.2	81.2	81.3	81.3	81.3	81.3	81.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500		80.0	81.3	82.8	83.3	83.3	83.4	83.4	83.4	83.4	83.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000		88.0	89.6	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500		89.2	90.9	92.6	93.3	93.3	93.6	93.6	93.6	93.6	93.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 2200		90.3	92.1	94.1	94.7	94.7	94.9	95.0	95.0	95.0	95.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000		90.3	92.1	94.2	94.8	94.8	95.0	95.1	95.1	95.1	95.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800		91.4	93.3	95.7	96.2	96.2	96.4	96.6	96.6	96.6	96.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600		92.3	94.2	96.7	97.2	97.2	97.4	97.6	97.6	97.6	97.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400		92.8	94.8	97.2	98.0	98.0	98.2	98.3	98.3	98.3	98.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200		93.0	95.0	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000		93.0	95.0	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 900		93.1	95.1	97.9	98.7	98.7	98.9	99.0	99.1	99.1	99.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 800		93.1	95.1	97.9	98.7	98.7	98.9	99.1	99.2	99.2	99.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 700		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 600		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 500		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 400		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 300		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 200		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 100		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 50		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]

NUMBER OF OBSERVATIONS: 900



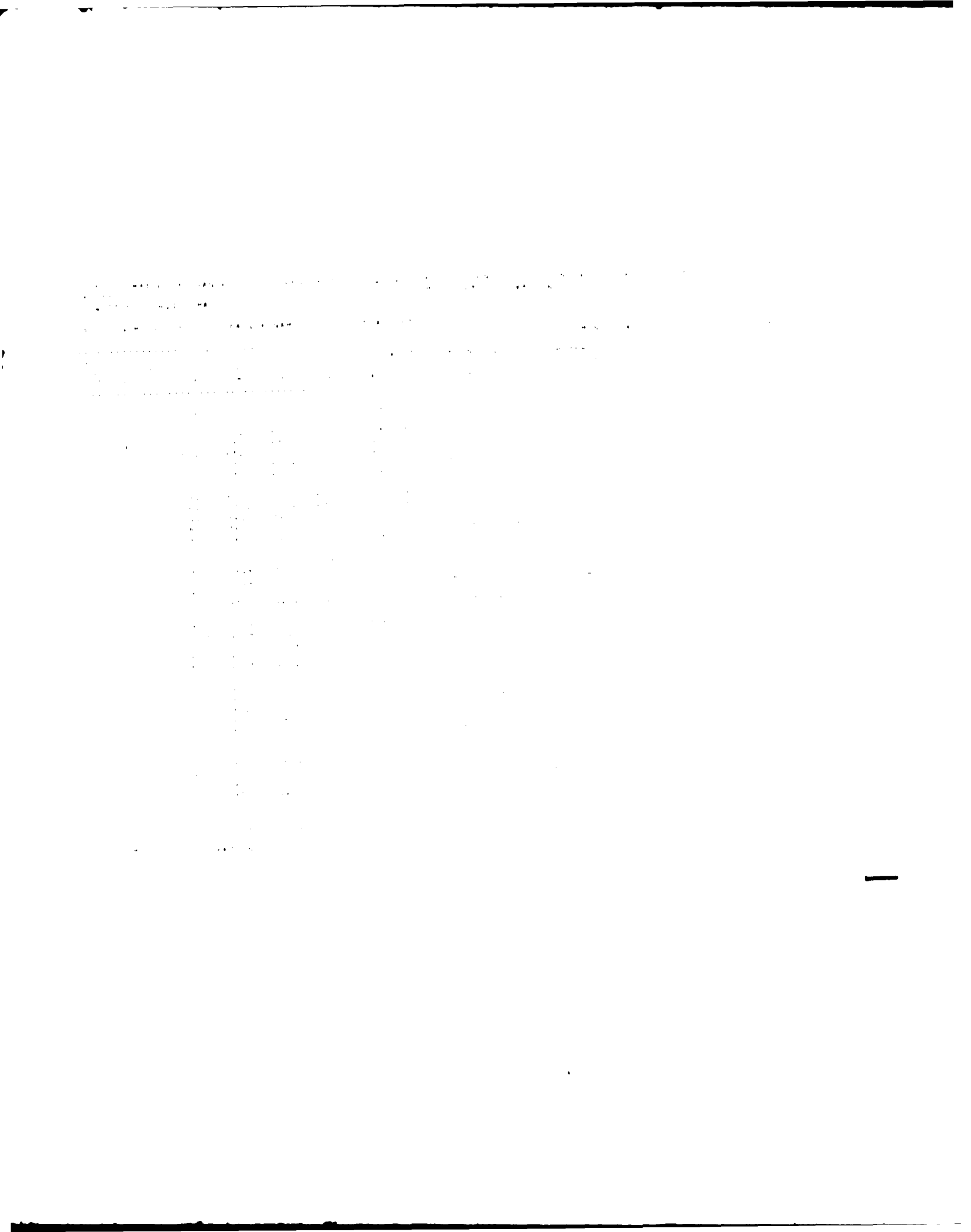
[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

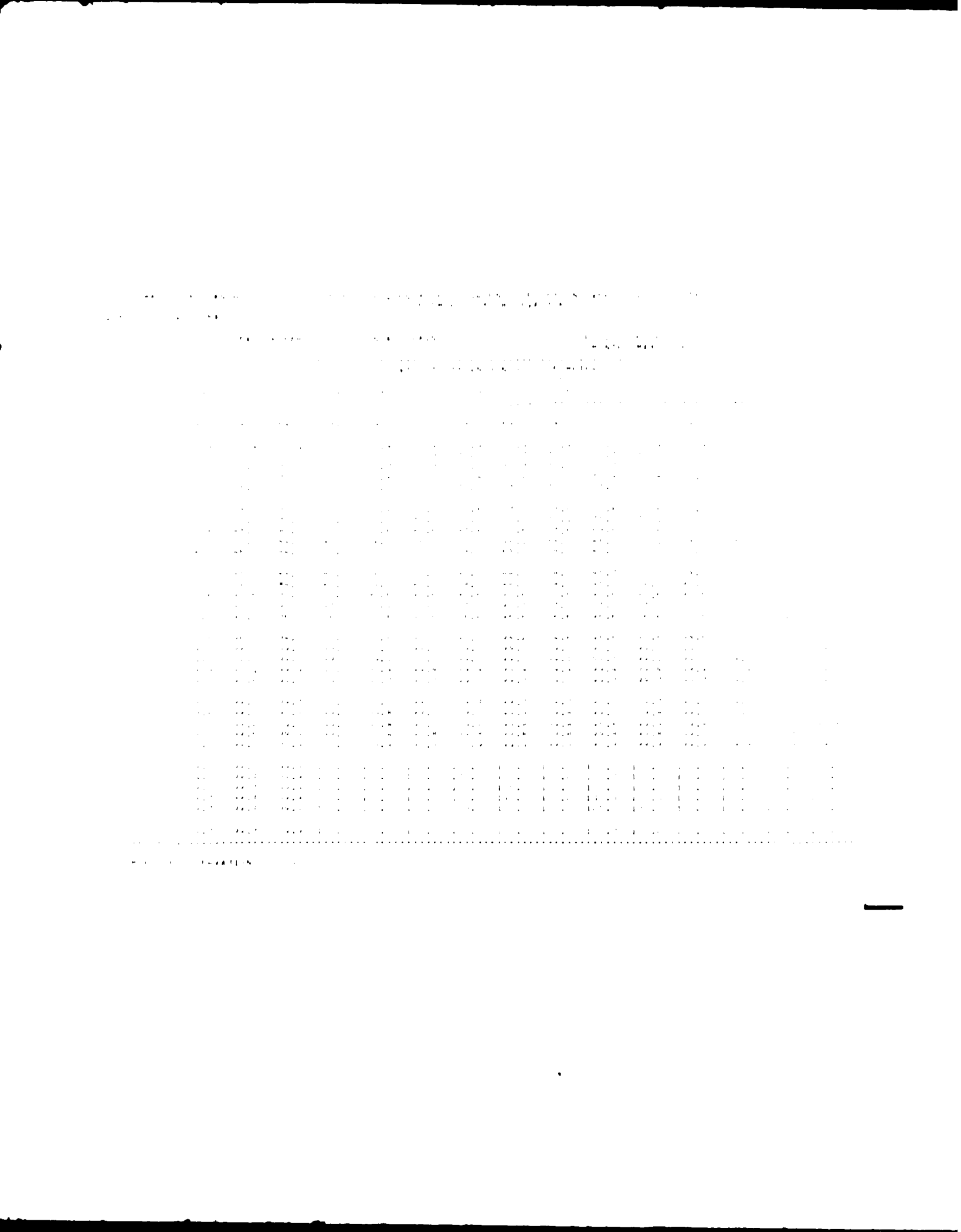
PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

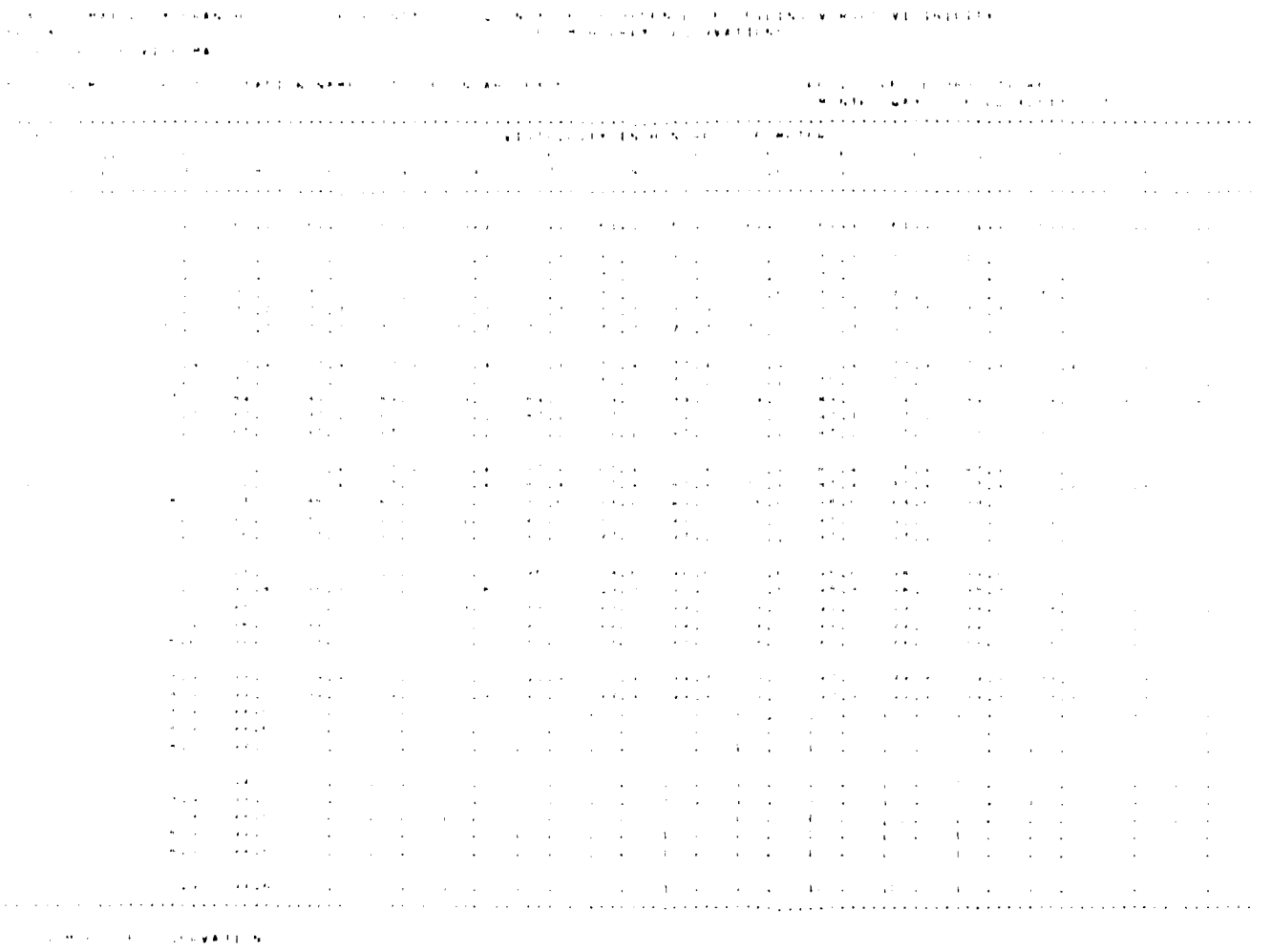
[illegible] STATION NAME: [illegible] AB SPAIN

PERIOD OF RECORD: 78 87
MONTH: APR HOURS(LST): [illegible]

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
[illegible]																







...CAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
AF ...AY FROM HOURLY OBSERVATIONS
...R ... ATMOS SERVICE/MAC

STATION NUMBER: ... STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: ...
MONTH: MAY HOURS(LST): ...

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS														
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	51.7	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
[illegible]	63.0	63.9	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
[illegible]	63.4	64.3	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
[illegible]	63.4	64.4	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
[illegible]	63.4	64.4	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
[illegible]	64.0	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
[illegible]	65.1	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
[illegible]	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
[illegible]	75.6	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	78.8	80.4	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
[illegible]	78.9	80.5	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
[illegible]	79.1	80.8	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
[illegible]	79.1	80.8	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
[illegible]	79.8	82.4	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
[illegible]	83.8	85.5	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
[illegible]	90.2	92.2	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
[illegible]	93.0	94.9	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
[illegible]	94.2	96.2	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	94.5	96.6	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	94.7	96.8	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	94.8	96.9	98.5	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	94.8	96.9	98.5	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	94.8	96.9	98.6	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	94.9	97.1	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	94.9	97.1	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

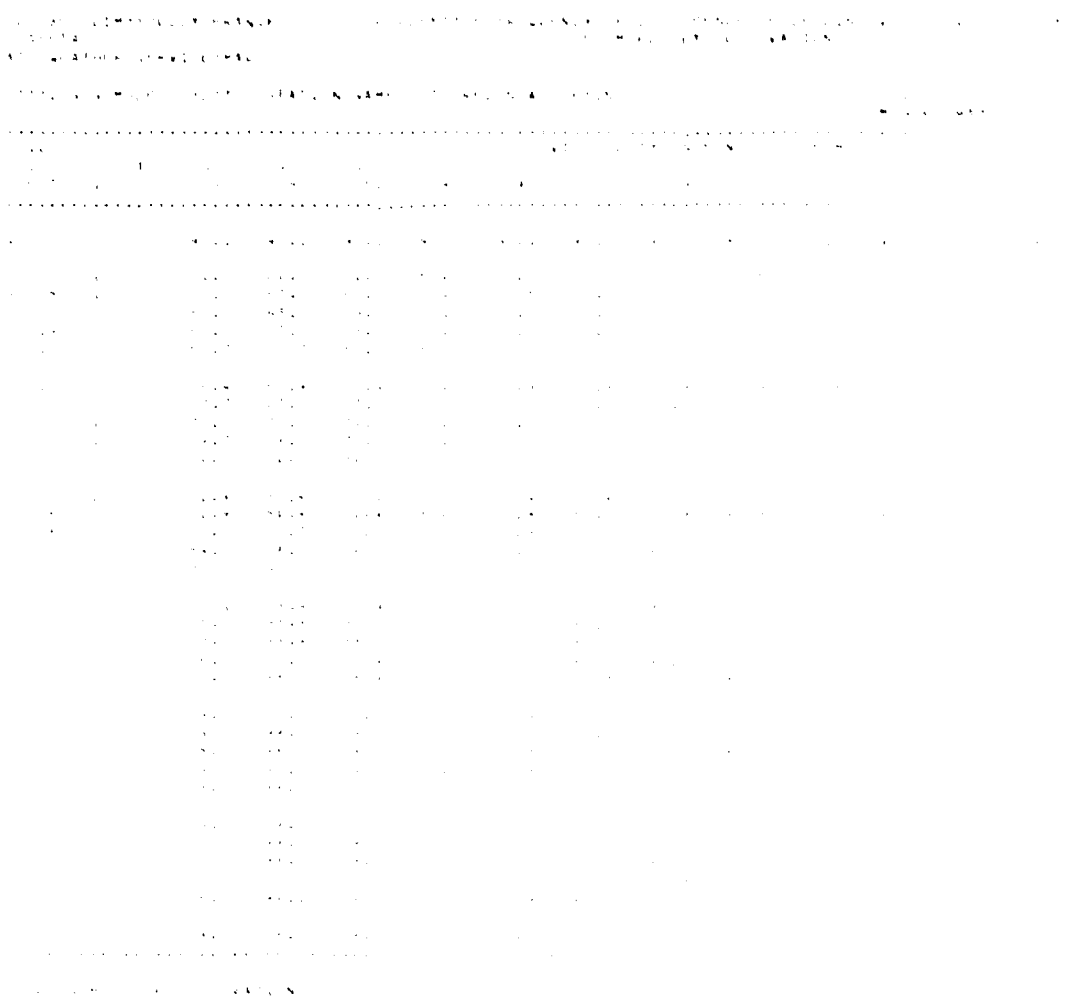
PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

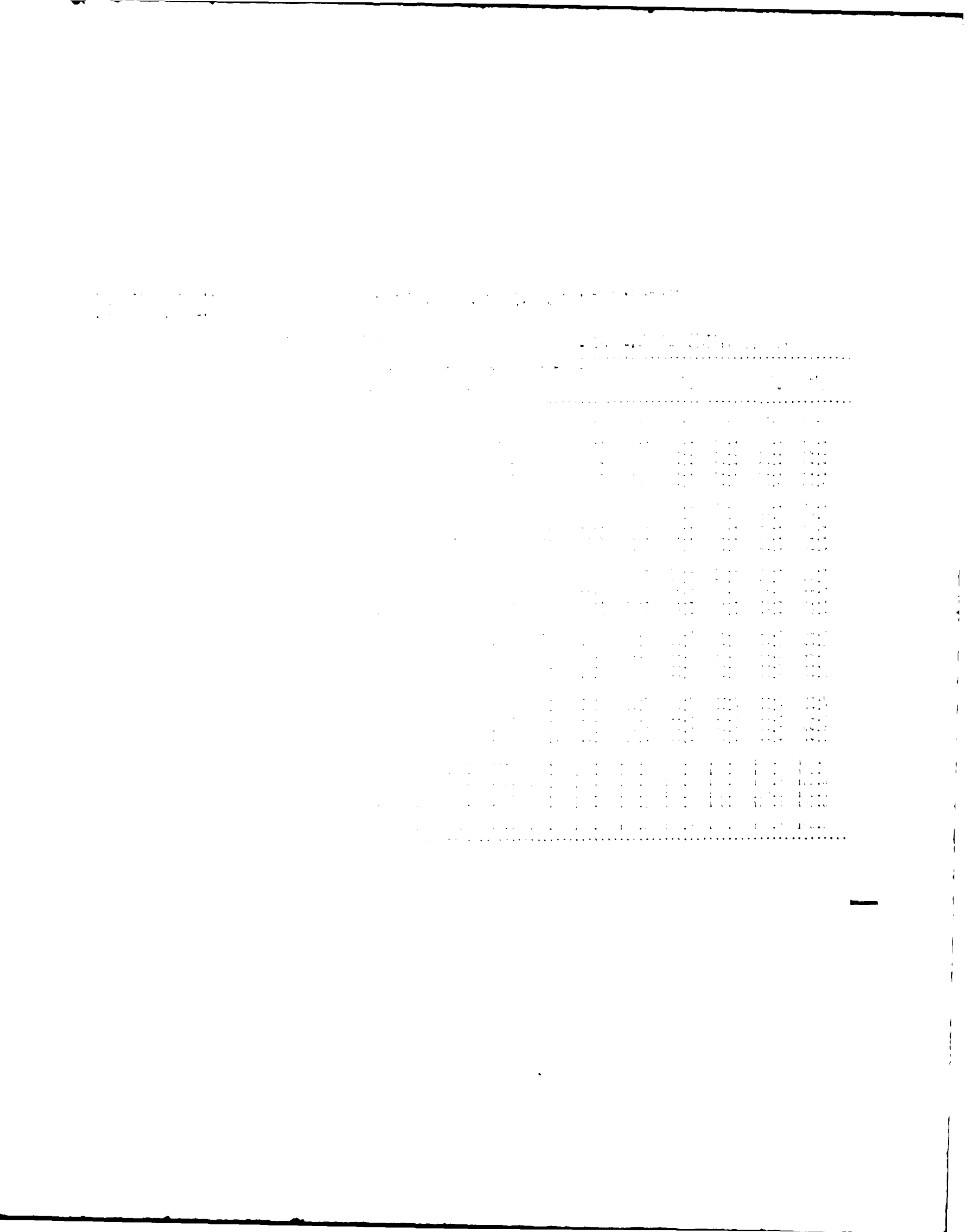
STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 16	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000		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
GE 18000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000		59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000		64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000		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	73.0	73.0
GE 7000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000		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	80.4
GE 3500		85.1	85.1	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
GE 3000		95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500		98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000		99.0	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
GE 1800		99.0	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
GE 1600		99.0	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
GE 1400		99.0	99.2	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
GE 1200		99.0	99.2	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
GE 1000		99.0	99.2	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
GE 900		99.0	99.2	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
GE 800		99.0	99.2	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
GE 700		99.0	99.2	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
GE 600		99.0	99.2	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
GE 500		99.0	99.2	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
GE 400		99.0	99.2	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
GE 300		99.0	99.2	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
GE 200		99.0	99.2	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
GE 100		99.0	99.2	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
GE 0		99.0	99.2	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

TOTAL NUMBER OF OBSERVATIONS: 99





AD-A186 769 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 13 AUG 87 3/3

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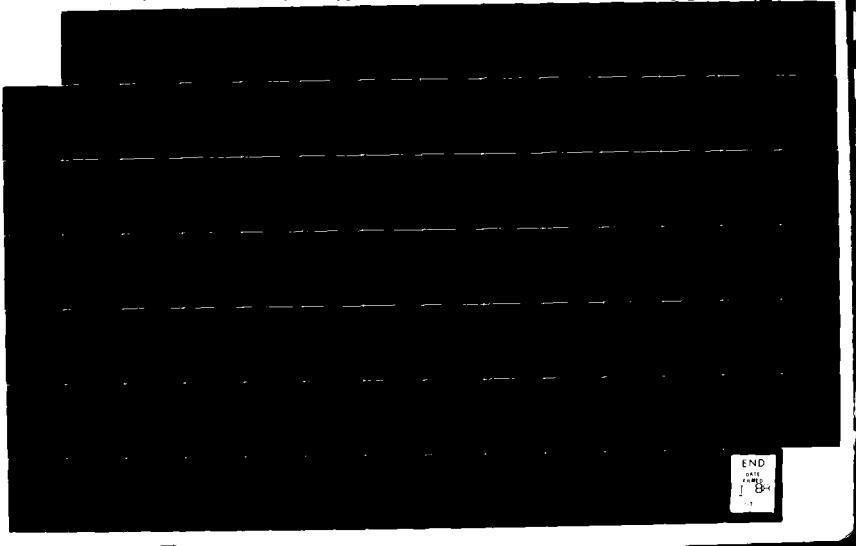

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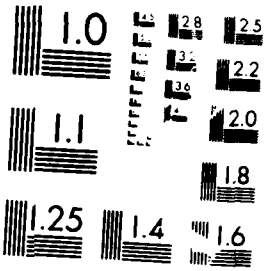


MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000		64.5	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
GE 18000		65.2	65.6	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
GE 16000		65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000		65.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	
GE 12000		65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	
GE 10000		67.1	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
GE 9000		69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 8000		77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
GE 7000		80.8	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 6000		81.3	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 5000		81.6	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 4500		81.6	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 4000		84.4	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	
GE 3500		88.0	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
GE 3000		95.0	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	
GE 2500		96.7	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 2000		97.3	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1800		97.4	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 1500		97.6	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 1200		97.7	98.5	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000		97.7	98.6	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900		97.7	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	
GE 800		97.7	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	
GE 700		97.8	98.7	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 600		97.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OPSERVATIONS: 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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
GE 20000		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
GE 18000		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	88.3
GE 16000		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	88.3
GE 14000		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	88.3
GE 12000		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	88.8
GE 10000		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 9000		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
GE 8000		95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 7000		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
GE 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
GE 5000		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
GE 4500		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
GE 4000		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
GE 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
GE 3000		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
GE 2500		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
GE 2000		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
GE 1800		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
GE 1600		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
GE 1200		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
GE 1000		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
GE 900		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
GE 800		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
GE 700		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
GE 600		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
GE 500		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
GE 400		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
GE 300		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
GE 200		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
GE 100		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
GE 0		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

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-66
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
GE 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	
GE 18000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 16000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 14000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 12000	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	
GE 10000	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	88.8	
GE 9000	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	89.4	
GE 8000	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	94.3	94.3	
GE 7000	95.6	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	
GE 6000	95.8	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	
GE 5000	95.8	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	
GE 4500	95.8	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	
GE 4000	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	97.0	
GE 3500	98.0	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	
GE 3000	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 2500	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	99.7	
GE 2000	99.3	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	
GE 1800	99.3	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	
GE 1500	99.3	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	
GE 1200	99.3	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	
GE 1000	99.3	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	
GE 900	99.3	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	
GE 800	99.3	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	
GE 700	99.3	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	
GE 600	99.3	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	
GE 500	99.3	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	
GE 400	99.3	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	
GE 300	99.3	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	
GE 200	99.3	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	
GE 100	99.3	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	
GE 0	99.3	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	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		70.4	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000		81.4	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000		81.9	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000		83.2	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 8000		88.8	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000		90.8	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000		91.0	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000		91.1	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	92.4
GE 4500		91.1	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	92.4
GE 4000		94.2	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500		96.0	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000		97.7	98.7	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
GE 2500		97.9	98.9	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
GE 2000		98.2	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
GE 1800		98.2	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
GE 1500		98.2	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
GE 1200		98.2	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
GE 1000		98.2	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
GE 900		98.2	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
GE 800		98.2	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
GE 700		98.2	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
GE 600		98.2	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
GE 500		98.2	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
GE 450		98.2	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
GE 400		98.2	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
GE 350		98.2	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
GE 300		98.2	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
GE 200		98.2	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
GE 100		98.2	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
GE 0		98.2	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

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		70.1	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
GE 20000		80.8	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
GE 18000		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
GE 16000		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
GE 14000		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
GE 12000		81.7	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
GE 10000		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	83.0	83.0
GE 9000		84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000		90.2	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
GE 7000		92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 6000		92.4	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
GE 5000		92.6	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
GE 4500		92.6	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
GE 4000		94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500		96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000		98.2	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
GE 2500		99.0	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
GE 2000		99.0	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
GE 1800		99.0	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
GE 1500		99.0	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
GE 1200		99.0	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
GE 1000		99.0	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
GE 900		99.0	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
GE 800		99.0	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
GE 700		99.0	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
GE 600		99.0	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
GE 500		99.0	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
GE 400		99.0	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
GE 300		99.0	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
GE 200		99.0	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
GE 100		99.0	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
GE 0		99.0	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

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	67.1	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	
GE 20000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 18000	79.4	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	
GE 16000	79.6	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	
GE 14000	79.6	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	
GE 12000	80.1	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	
GE 10000	81.6	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	
GE 9000	82.3	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	
GE 8000	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	87.2	87.2	
GE 7000	88.8	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	
GE 6000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 5000	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	89.4	
GE 4500	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	89.4	
GE 4000	91.7	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	
GE 3500	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	96.7	
GE 3000	99.7	99.8	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	
GE 2500	99.7	99.8	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	
GE 2000	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	100.0	
GE 1800	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	100.0	
GE 1500	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	100.0	
GE 1200	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	100.0	
GE 1000	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	100.0	
GE 900	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	100.0	
GE 800	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	100.0	
GE 700	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	100.0	
GE 600	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	100.0	
GE 500	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	100.0	
GE 400	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	100.0	
GE 300	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	100.0	
GE 200	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	100.0	
GE 100	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	100.0	
GE 0	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	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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
GE 20000		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
GE 18000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 16000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 14000		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
GE 12000		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
GE 10000		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
GE 9000		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
GE 8000		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
GE 7000		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
GE 6000		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
GE 5000		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
GE 4500		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
GE 4000		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
GE 3500		95.6	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
GE 3000		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
GE 2500		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
GE 2000		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
GE 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
GE 1500		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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 20000		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
GE 18000		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
GE 16000		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
GE 14000		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
GE 12000		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	81.8
GE 10000		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
GE 9000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000		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	89.4
GE 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
GE 6000		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
GE 5000		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
GE 4500		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
GE 4000		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
GE 3500		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
GE 3000		99.3	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800		99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500		99.6	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	100.0
GE 1200		99.6	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	100.0
GE 1000		99.6	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	100.0
GE 900		99.6	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	100.0
GE 800		99.6	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	100.0
GE 700		99.6	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	100.0
GE 600		99.6	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	100.0
GE 500		99.6	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	100.0
GE 400		99.6	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	100.0
GE 300		99.6	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	100.0
GE 200		99.6	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	100.0
GE 100		99.6	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	100.0
GE 0		99.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE
NO CEIL		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	73.7	
GE 20000		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	
GE 18000		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	
GE 16000		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	
GE 14000		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	
GE 12000		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	
GE 10000		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	85.9	
GE 9000		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	
GE 8000		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	
GE 7000		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	94.1	
GE 6000		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	
GE 5000		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	
GE 4500		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	
GE 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	
GE 3500		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	
GE 3000		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	
GE 2500		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	
GE 2000		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1800		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1500		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		71.0	71.1	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
GE 20000		82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000		82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000		82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 14000		82.7	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
GE 12000		83.2	83.3	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
GE 10000		84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000		85.7	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	85.9
GE 8000		90.5	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	90.8
GE 7000		92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000		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	92.7	92.7
GE 5000		92.6	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
GE 4500		92.6	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
GE 4000		94.5	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
GE 3500		96.7	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
GE 3000		99.1	99.3	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
GE 2500		99.3	99.6	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
GE 2000		99.4	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	100.0
GE 1800		99.4	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	100.0
GE 1500		99.4	99.7	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
GE 1200		99.4	99.7	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
GE 1000		99.4	99.7	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
GE 900		99.4	99.7	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
GE 800		99.4	99.7	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
GE 700		99.4	99.7	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
GE 600		99.4	99.7	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
GE 500		99.4	99.7	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
GE 400		99.4	99.7	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
GE 300		99.4	99.7	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
GE 200		99.4	99.7	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
GE 100		99.4	99.7	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
GE 0		99.4	99.7	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: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE
NO CEIL	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	
GE 20000	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	
GE 18000	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	
GE 16000	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	
GE 14000	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	
GE 12000	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	
GE 10000	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	
GE 9000	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	
GE 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	
GE 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	
GE 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	98.1	
GE 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	98.1	
GE 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	
GE 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	
GE 3500	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	
GE 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	
GE 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	
GE 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	
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 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	
GE 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	
GE 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	
GE 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	
GE 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	
GE 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	
GE 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	
GE 450	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 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	
GE 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	
GE 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	
GE 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	
GE 0	100.0	100.0	100.0	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: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

CEILING VERSUS VISIBILITY	VISIBILITY IN HUNDREDS OF METERS															
IN FEET	ALL	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 22000		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
GE 18000		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
GE 16000		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
GE 14000		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
GE 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	96.5
GE 10000		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
GE 9000		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
GE 8000		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
GE 7000		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
GE 6000		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
GE 5000		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
GE 4500		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
GE 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
GE 3500		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
GE 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 0		100.0	100.0	100.0	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: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		89.1	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
GE 20000		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	93.1	93.1
GE 18000		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	93.3	93.3
GE 16000		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	93.3	93.3
GE 14000		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	93.3	93.3
GE 12000		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	93.3	93.3
GE 10000		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	94.1
GE 9000		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	95.8	95.8
GE 8000		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	98.1	98.1
GE 7000		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	98.1	98.1
GE 6000		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
GE 5000		96.2	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
GE 4500		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
GE 4000		98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500		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
GE 3000		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
GE 2500		99.6	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
GE 2000		99.8	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
GE 1800		99.8	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
GE 1500		99.8	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
GE 1200		99.8	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
GE 1000		99.8	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
GE 900		99.8	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
GE 800		99.8	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
GE 700		99.8	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
GE 600		99.8	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
GE 500		99.8	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
GE 400		99.8	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
GE 300		99.8	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
GE 200		99.8	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
GE 100		99.8	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
GE 0		99.8	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

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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	88.8
GE 25000		92.9	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
GE 18000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 16000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 14000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 12000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 10000		93.5	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
GE 9000		94.6	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
GE 8000		97.5	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
GE 7000		98.0	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
GE 6000		98.0	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
GE 5000		98.2	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
GE 4500		98.2	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
GE 4000		98.4	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
GE 3500		98.8	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
GE 3000		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
GE 2500		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
GE 2000		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
GE 1800		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
GE 1500		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
GE 1200		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
GE 1000		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
GE 900		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
GE 800		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
GE 700		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
GE 600		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
GE 500		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
GE 400		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
GE 300		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
GE 200		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
GE 100		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
GE 0		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

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CLIL		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
GE 20000		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
GE 18000		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
GE 16000		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
GE 14000		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
GE 12000		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
GE 10000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 9000		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 8000		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
GE 7000		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
GE 6000		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
GE 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
GE 4500		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
GE 4000		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
GE 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
GE 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 0		100.0	100.0	100.0	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: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 20000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 18000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 16000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 14000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 12000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 10000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 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	92.9
GE 8000	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	94.7
GE 7000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.8	94.8	94.8	94.8	94.8
GE 6000	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
GE 5000	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	95.1
GE 4500	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	95.4
GE 4000	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
GE 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	98.1
GE 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	99.9
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 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	100.0
GE 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
GE 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	100.0
GE 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
GE 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	100.0
GE 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
GE 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	100.0
GE 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
GE 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	100.0
GE 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
GE 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	100.0
GE 0	100.0	100.0	100.0	100.0	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: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		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
GE 20000		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	91.5	91.5
GE 18000		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	91.5	91.5
GE 16000		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	91.5	91.5
GE 14000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 12000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 10000		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	92.8
GE 9000		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
GE 8000		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
GE 7000		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
GE 6000		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
GE 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
GE 4500		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
GE 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
GE 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
GE 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
GE 2500		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
GE 2000		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
GE 1800		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
GE 1500		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
GE 1200		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
GE 1000		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
GE 900		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
GE 800		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
GE 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
GE 600		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
GE 500		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
GE 400		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
GE 300		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
GE 200		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
GE 100		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
GE 0		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

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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	88.3
GE 22000		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	92.5
GE 18000		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	92.5
GE 16000		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	92.5
GE 14000		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	92.5
GE 12000		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	92.5
GE 10000		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
GE 9000		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
GE 8000		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
GE 7000		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
GE 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
GE 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
GE 4500		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
GE 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
GE 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	98.4
GE 3000		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	99.7	99.7
GE 2500		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	99.7	99.7
GE 2000		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	100.0
GE 1800		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	100.0
GE 1500		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	100.0
GE 1200		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	100.0
GE 1000		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	100.0
GE 900		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	100.0
GE 800		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	100.0
GE 700		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	100.0
GE 600		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	100.0
GE 500		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	100.0
GE 400		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	100.0
GE 300		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	100.0
GE 200		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	100.0
GE 100		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	100.0
GE 0		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	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	88.5	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
GE 20000	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
GE 18000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 16000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 14000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 12000	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	93.1	93.1
GE 10000	93.7	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
GE 9000	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	94.8	94.8
GE 8000	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	96.8
GE 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
GE 6000	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
GE 5000	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	97.2	97.2
GE 4500	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
GE 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
GE 3500	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
GE 3000	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
GE 2500	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
GE 2000	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
GE 1800	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
GE 1600	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
GE 1400	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
GE 1200	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
GE 1000	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
GE 900	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
GE 800	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
GE 700	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
GE 600	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
GE 500	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
GE 450	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
GE 400	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
GE 300	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
GE 200	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
GE 100	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
GE 0	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

TOTAL NUMBER OF OBSERVATIONS: 7407

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		89.7	89.7	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
GE 20000		94.0	94.0	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
GE 18000		94.0	94.0	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
GE 16000		94.0	94.0	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
GE 14000		94.0	94.0	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
GE 12000		94.0	94.0	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
GE 10000		94.9	94.9	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
GE 9000		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
GE 8000		97.6	97.6	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
GE 7000		98.3	98.3	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
GE 6000		98.3	98.3	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
GE 5000		98.3	98.3	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
GE 4500		98.3	98.3	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
GE 4000		98.8	98.8	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
GE 3500		98.9	98.9	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
GE 3000		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
GE 2500		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
GE 2000		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
GE 1800		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
GE 1500		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
GE 1200		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
GE 1000		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
GE 900		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
GE 800		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
GE 700		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
GE 600		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
GE 500		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
GE 400		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
GE 300		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
GE 200		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
GE 100		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
GE 0		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

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		91.4	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
GE 20000		94.1	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
GE 18000		94.1	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
GE 16000		94.1	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
GE 14000		94.1	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
GE 12000		94.1	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
GE 10000		95.3	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
GE 9000		96.6	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
GE 8000		98.3	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
GE 7000		98.8	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
GE 6000		98.8	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
GE 5000		98.8	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
GE 4500		98.9	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
GE 4000		99.1	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
GE 3500		99.5	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
GE 3000		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
GE 2500		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
GE 2000		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
GE 1800		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
GE 1600		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
GE 1200		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
GE 1000		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
GE 900		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
GE 800		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
GE 700		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
GE 600		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
GE 500		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
GE 400		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
GE 300		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
GE 200		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
GE 100		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
GE 0		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

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		86.9	87.3	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
GE 25000		92.3	92.7	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
GE 18000		92.5	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
GE 16000		92.5	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
GE 14000		92.5	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
GE 12000		92.6	93.0	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
GE 10000		93.4	93.9	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
GE 9000		94.5	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	95.2
GE 8000		96.2	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
GE 7000		97.3	97.7	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
GE 6000		97.3	97.7	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
GE 5000		97.3	97.7	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
GE 4500		97.4	97.8	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
GE 4000		98.3	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
GE 3500		98.5	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
GE 3000		99.2	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
GE 2500		99.2	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
GE 2000		99.2	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
GE 1800		99.2	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
GE 1500		99.2	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
GE 1200		99.2	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
GE 1000		99.2	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
GE 900		99.2	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
GE 800		99.2	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
GE 700		99.2	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
GE 600		99.2	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
GE 500		99.2	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
GE 400		99.2	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
GE 300		99.2	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
GE 200		99.2	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
GE 100		99.2	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
GE 0		99.2	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

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		85.3	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
GE 22000		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
GE 18000		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	93.1	93.1
GE 16000		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	93.1	93.1
GE 14000		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	93.1	93.1
GE 12000		93.1	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
GE 10000		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	93.3	93.3
GE 9000		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
GE 8000		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	97.0
GE 7000		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	97.6
GE 6000		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	97.6
GE 5000		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	97.6
GE 4500		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	97.6
GE 4000		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
GE 3500		98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000		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
GE 2500		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
GE 2000		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
GE 1800		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
GE 1500		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
GE 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
GE 1000		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
GE 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
GE 800		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
GE 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
GE 600		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
GE 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
GE 400		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
GE 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
GE 200		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
GE 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
GE 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

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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
GE 20000		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
GE 18000		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
GE 16000		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
GE 14000		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
GE 12000		91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 10000		92.2	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
GE 9000		93.2	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
GE 8000		94.8	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
GE 7000		95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 6000		95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000		95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500		95.7	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
GE 4000		96.6	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
GE 3500		97.8	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
GE 3000		99.1	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
GE 2500		99.1	99.5	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
GE 2000		99.4	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
GE 1800		99.4	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
GE 1600		99.4	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
GE 1400		99.4	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
GE 1200		99.4	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
GE 1000		99.4	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
GE 900		99.4	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
GE 800		99.4	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
GE 700		99.4	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
GE 600		99.4	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
GE 500		99.4	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
GE 400		99.4	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
GE 300		99.4	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
GE 200		99.4	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
GE 100		99.4	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
GE 0		99.4	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

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		80.1	80.1	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
GE 20000		87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 18000		88.0	88.1	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
GE 16000		88.0	88.1	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
GE 14000		88.0	88.1	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
GE 12000		88.4	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 10000		90.6	90.1	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
GE 9000		91.0	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 8000		94.0	94.1	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
GE 7000		94.5	94.6	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
GE 6000		94.5	94.6	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
GE 5000		94.7	94.8	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
GE 4500		94.8	94.9	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
GE 4000		95.9	96.1	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
GE 3500		97.7	98.0	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
GE 3000		99.1	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
GE 2500		99.1	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
GE 2200		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.2	99.5	100.0	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77 84
MONTH: ALL HOURS(LST): 18 - 20

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		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
GE 20000		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
GE 18000		89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 16000		89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 14000		89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 12000		90.2	90.2	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
GE 10000		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
GE 9000		92.4	92.4	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
GE 8000		95.5	95.5	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
GE 7000		95.6	95.6	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
GE 6000		95.8	95.8	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
GE 5000		96.5	96.5	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
GE 4500		96.7	96.7	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
GE 4000		97.8	97.8	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
GE 3500		98.5	98.5	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
GE 3000		99.2	99.2	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
GE 2500		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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
GE 20000		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
GE 18000		93.5	93.5	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
GE 16000		93.5	93.5	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
GE 14000		93.5	93.5	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
GE 12000		93.7	93.7	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
GE 10000		93.8	93.8	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
GE 9000		94.7	94.7	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
GE 8000		97.1	97.1	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
GE 7000		97.7	97.7	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
GE 6000		97.7	97.7	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
GE 5000		98.0	98.0	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
GE 4500		98.0	98.0	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
GE 4000		98.6	98.6	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
GE 3500		98.7	98.7	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
GE 3000		99.2	99.4	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
GE 2500		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.4	99.5	100.0	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		86.0	86.1	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
GE 20000		91.7	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
GE 18000		92.0	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
GE 16000		92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 14000		92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000		92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 10000		93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 9000		94.2	94.3	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
GE 8000		96.3	96.5	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
GE 7000		96.9	97.1	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
GE 6000		96.9	97.1	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
GE 5000		97.1	97.2	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
GE 4500		97.2	97.3	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
GE 4000		97.9	98.1	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
GE 3500		98.6	98.7	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
GE 3000		99.4	99.6	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
GE 2500		99.4	99.6	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
GE 2000		99.5	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
GE 1800		99.5	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
GE 1500		99.5	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
GE 1200		99.5	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
GE 1000		99.5	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
GE 900		99.5	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
GE 800		99.5	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
GE 700		99.5	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
GE 600		99.5	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
GE 500		99.5	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
GE 400		99.5	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
GE 300		99.5	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
GE 200		99.5	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
GE 100		99.5	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
GE 0		99.5	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

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 2
NO CEIL		84.6	84.6	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
GE 20000		89.7	89.7	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
GE 18000		89.8	89.8	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
GE 16000		89.8	89.8	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
GE 14000		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	90.2	90.2
GE 12000		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	90.2	90.2
GE 10000		90.4	90.4	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
GE 9000		91.4	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
GE 8000		95.8	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
GE 7000		96.6	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
GE 6000		96.6	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
GE 5000		96.6	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
GE 4500		96.6	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
GE 4000		97.2	97.6	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
GE 3500		97.9	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
GE 3000		99.2	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
GE 2500		99.2	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
GE 2000		99.2	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
GE 1800		99.2	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
GE 1600		99.2	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
GE 1200		99.2	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
GE 1000		99.2	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
GE 900		99.2	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
GE 800		99.2	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
GE 700		99.2	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
GE 600		99.2	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
GE 500		99.2	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
GE 400		99.2	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
GE 300		99.2	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
GE 200		99.2	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
GE 100		99.2	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
GE 0		99.2	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: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		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	84.4
GE 20000		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
GE 18000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 16000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 14000		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
GE 12000		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
GE 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
GE 9000		93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 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
GE 7000		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
GE 6000		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
GE 5000		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
GE 4500		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
GE 4000		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
GE 3500		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
GE 3000		98.7	98.7	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
GE 2500		98.9	99.0	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
GE 2000		99.0	99.1	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
GE 1800		99.0	99.1	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
GE 1600		99.0	99.1	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
GE 1200		99.0	99.1	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
GE 1000		99.0	99.1	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
GE 900		99.0	99.1	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
GE 800		99.0	99.1	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
GE 700		99.0	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		99.0	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		99.0	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.0	99.1	99.3	99.7	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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.1	79.7	79.8	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
GE 20000	.1	85.7	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
GE 18000	.1	85.8	85.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 16000	.1	85.6	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	86.1
GE 14000	.1	85.9	86.1	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
GE 12000	.1	86.1	86.3	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
GE 10000	.1	87.9	88.1	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
GE 9000	.1	88.9	89.1	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
GE 8000	.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	.1	94.0	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	94.3
GE 6000	.1	94.2	94.4	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
GE 5000	.1	94.2	94.4	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
GE 4500	.1	94.2	94.4	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
GE 4000	.1	94.3	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
GE 3500	.1	95.6	95.8	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
GE 3000	.1	97.7	98.0	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
GE 2500	.1	98.3	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
GE 2000	.1	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	.1	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	.1	98.7	99.0	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
GE 1200	.1	98.7	99.0	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
GE 1000	.1	98.7	99.0	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
GE 900	.1	98.7	99.0	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
GE 800	.1	98.7	99.0	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
GE 700	.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	.1	98.7	99.0	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
GE 500	.1	98.7	99.0	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
GE 400	.1	98.7	99.0	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
GE 300	.1	98.7	99.0	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
GE 200	.1	98.7	99.0	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
GE 100	.1	98.7	99.0	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
GE 0	.1	98.7	99.0	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

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 20000		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	85.8	85.8
GE 18000		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	85.8	85.8
GE 16000		85.9	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
GE 14000		85.9	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
GE 12000		86.1	86.1	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
GE 10000		86.9	86.9	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
GE 9000		88.0	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
GE 8000		92.0	92.0	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
GE 7000		92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000		92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000		92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500		92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000		93.5	93.5	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
GE 3500		95.1	95.1	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
GE 3000		97.4	97.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500		97.7	97.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000		97.8	97.8	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
GE 1800		97.9	97.9	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
GE 1500		98.0	98.0	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
GE 1200		98.1	98.1	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
GE 1000		98.1	98.1	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
GE 900		98.1	98.1	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
GE 800		98.1	98.1	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
GE 700		98.1	98.1	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
GE 600		98.1	98.1	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
GE 500		98.1	98.1	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
GE 400		98.1	98.1	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
GE 300		98.1	98.1	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
GE 200		98.1	98.1	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
GE 100		98.1	98.1	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
GE 0		98.1	98.1	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: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE
NO CEIL	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 18000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
GE 16000	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	
GE 14000	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	
GE 12000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 10000	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	88.0	88.0	
GE 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	
GE 8000	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	
GE 7000	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	92.8	
GE 6000	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	92.9	
GE 5000	93.1	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	
GE 4500	93.1	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	
GE 4000	94.2	94.3	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	
GE 3500	96.2	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	96.4	
GE 3000	98.2	98.4	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	
GE 2500	98.9	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	
GE 2200	99.6	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	
GE 1800	99.7	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	
GE 1600	99.7	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	
GE 1200	99.7	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	
GE 1000	99.7	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	
GE 900	99.7	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	
GE 800	99.7	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	
GE 700	99.7	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	
GE 600	99.7	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	
GE 500	99.7	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	
GE 400	99.7	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	
GE 300	99.7	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	
GE 200	99.7	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	
GE 100	99.7	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	
GE 0	99.7	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: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 22	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 22000	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	85.6
GE 18000	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	86.3
GE 16000	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	86.7	86.7
GE 14000	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	87.0
GE 12000	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	87.0
GE 10000	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000	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	93.8	93.8
GE 7000	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	94.3
GE 6000	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	94.3
GE 5000	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	94.4	94.4
GE 4500	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	94.4	94.4
GE 4000	95.8	95.8	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
GE 3500	97.6	97.6	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
GE 3000	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
GE 2500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	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
GE 1800	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
GE 1600	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
GE 1400	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
GE 1200	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
GE 1000	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
GE 900	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
GE 800	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
GE 700	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
GE 600	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
GE 500	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
GE 400	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
GE 300	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
GE 200	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
GE 100	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
GE 0	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

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL	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	76.1	76.1
GE 25000	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	87.1
GE 18000	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	88.0	88.0	88.0
GE 16000	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	88.1
GE 14000	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	88.3	88.3
GE 12000	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	88.3	88.3
GE 10000	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	89.6	89.6
GE 9000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000	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	94.0
GE 7000	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	94.6
GE 6000	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	94.6
GE 5000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 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	96.1
GE 3500	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	97.2	97.2	97.2
GE 3000	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	99.4	99.4	99.4
GE 2500	99.6	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
GE 2000	99.7	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
GE 1800	99.7	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
GE 1500	99.7	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
GE 1200	99.7	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
GE 1000	99.7	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
GE 900	99.7	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
GE 800	99.7	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
GE 700	99.7	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
GE 600	99.7	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
GE 500	99.7	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
GE 450	99.7	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
GE 400	99.7	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
GE 350	99.7	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
GE 300	99.7	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
GE 250	99.7	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
GE 200	99.7	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
GE 150	99.7	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
GE 100	99.7	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
GE 50	99.7	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

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		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
GE 20000		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
GE 18000		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
GE 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
GE 14000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 12000		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	89.3	89.3
GE 10000		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
GE 9000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 8000		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
GE 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
GE 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
GE 5000		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
GE 4500		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
GE 4000		97.4	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
GE 3500		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
GE 3000		99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		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
GE 2200		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
GE 2000		99.9	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
GE 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
GE 1600		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
GE 1400		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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL	.0	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
GE 25000	.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 18000	.0	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 16000	.0	87.9	87.9	88.3	88.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 14000	.0	88.1	88.1	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
GE 12000	.0	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	88.3
GE 10000	.0	89.2	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	89.3
GE 9000	.0	90.5	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
GE 8000	.0	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	94.2
GE 7000	.0	94.7	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	94.8
GE 6000	.0	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	.0	94.8	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	95.0
GE 4500	.0	94.8	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	95.0
GE 4000	.0	95.7	95.8	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
GE 3500	.0	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	97.2
GE 3000	.0	98.7	98.8	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
GE 2500	.0	99.0	99.2	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
GE 2000	.0	99.2	99.4	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
GE 1800	.0	99.2	99.4	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
GE 1500	.0	99.2	99.4	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
GE 1200	.0	99.3	99.5	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
GE 1000	.0	99.3	99.5	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
GE 900	.0	99.3	99.5	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
GE 800	.0	99.3	99.5	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
GE 700	.0	99.3	99.5	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
GE 600	.0	99.3	99.5	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
GE 500	.0	99.3	99.5	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
GE 450	.0	99.3	99.5	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
GE 400	.0	99.3	99.5	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
GE 350	.0	99.3	99.5	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
GE 300	.0	99.3	99.5	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
GE 200	.0	99.3	99.5	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
GE 100	.0	99.3	99.5	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
GE 0	.0	99.3	99.5	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: 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		74.1	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
GE 25000		81.8	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
GE 18000		82.3	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
GE 16000		82.3	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
GE 14000		82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000		82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 10000		82.8	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
GE 9000		83.9	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
GE 8000		88.7	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
GE 7000		91.3	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
GE 6000		91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000		91.7	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
GE 4500		91.7	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
GE 4000		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	92.9
GE 3500		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
GE 3000		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	97.4
GE 2500		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
GE 2000		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	98.7	98.7
GE 1800		98.7	98.8	98.8	98.8	98.8	98.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500		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	99.0
GE 1200		99.2	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
GE 1000		99.2	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
GE 900		99.2	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
GE 800		99.2	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
GE 700		99.2	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
GE 600		99.2	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
GE 500		99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.2	99.4	99.4	99.6	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE -
NO CEIL		71.5	71.5	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
GE 20000		80.2	80.2	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
GE 18000		80.5	80.5	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
GE 16000		80.5	80.5	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
GE 14000		80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 12000		80.6	80.6	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
GE 10000		81.2	81.2	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
GE 9000		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	83.3
GE 8000		87.8	87.8	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
GE 7000		89.9	89.9	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
GE 6000		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	90.4
GE 5000		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	90.4
GE 4500		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	90.4
GE 4000		91.8	91.9	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
GE 3500		93.2	93.4	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
GE 3000		96.0	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
GE 2500		97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000		97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800		97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500		97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200		98.2	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000		98.3	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900		98.4	98.8	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
GE 800		98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		98.5	99.0	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
GE 500		98.5	99.0	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
GE 450		98.5	99.0	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
GE 400		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.5	99.0	99.7	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	62.7	63.1	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	72.4	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	72.4	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	72.4	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	72.5	72.9	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 12000	72.7	73.1	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 10000	74.2	74.6	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	77.1	77.5	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	83.2	83.9	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	85.6	86.2	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	85.7	86.3	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	86.0	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	86.0	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	87.4	88.1	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	89.7	90.3	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	93.0	93.7	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	94.0	94.6	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	95.2	95.8	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	95.2	95.8	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	95.5	96.1	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	96.0	96.7	97.6	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	96.1	96.8	97.7	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	96.1	96.8	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	96.1	96.8	98.2	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.1	96.8	98.3	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.2	96.9	98.5	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		55.1	56.8	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000		65.4	67.1	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000		66.2	68.0	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000		66.2	68.0	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000		66.2	68.0	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000		66.5	68.2	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000		67.8	69.6	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000		70.6	72.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000		75.7	77.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000		78.5	80.2	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
GE 6000		78.7	80.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000		79.2	81.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500		79.5	81.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000		81.6	83.3	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500		84.1	86.1	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000		89.5	91.5	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500		90.8	92.8	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000		91.1	93.3	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800		91.3	93.5	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500		92.3	94.7	96.7	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200		92.6	95.2	97.2	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000		92.9	95.5	97.8	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900		92.9	95.5	98.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800		93.0	95.6	98.2	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700		93.0	95.6	98.2	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600		93.0	95.6	98.2	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500		93.0	95.7	98.4	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	57.4	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	69.9	70.1	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
GE 18000	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	71.2	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	72.8	73.0	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
GE 9000	74.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	79.4	79.7	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
GE 7000	81.6	81.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	81.8	82.2	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
GE 5000	81.9	82.3	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	82.0	82.4	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
GE 4000	83.8	84.1	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	86.9	87.5	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	93.4	94.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	95.1	95.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	96.0	97.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	96.1	97.1	98.4	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
GE 1500	96.6	97.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	97.2	98.3	99.6	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
GE 1000	97.3	98.4	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
GE 900	97.3	98.4	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
GE 800	97.3	98.4	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
GE 700	97.3	98.4	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
GE 600	97.3	98.4	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
GE 500	97.3	98.4	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
GE 400	97.3	98.4	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	100.0
GE 300	97.3	98.4	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
GE 200	97.3	98.4	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
GE 100	97.3	98.4	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
GE 0	97.3	98.4	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

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	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	71.3
GE 16000	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	71.3
GE 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	71.3
GE 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	71.6
GE 10000	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	72.9
GE 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	75.7
GE 8000	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	80.4	80.4
GE 7000	84.0	84.0	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
GE 6000	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
GE 5000	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
GE 4500	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
GE 4000	85.9	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
GE 3500	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	96.1	96.5	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
GE 2500	97.6	98.0	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
GE 2200	98.4	98.7	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
GE 2000	98.7	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	99.4	99.4
GE 1800	98.7	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	99.5	99.5
GE 1700	98.7	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	99.5	99.5
GE 1600	98.7	99.1	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
GE 1500	98.7	99.1	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
GE 1400	98.7	99.1	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
GE 1300	98.7	99.1	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
GE 1200	98.7	99.1	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
GE 1100	98.7	99.1	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
GE 1000	98.7	99.1	99.6	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
GE 900	98.7	99.1	99.6	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
GE 800	98.7	99.1	99.6	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
GE 700	98.7	99.1	99.6	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
GE 600	98.7	99.1	99.6	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
GE 500	98.7	99.1	99.6	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
GE 400	98.7	99.1	99.6	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
GE 300	98.7	99.1	99.6	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
GE 200	98.7	99.1	99.6	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
GE 100	98.7	99.1	99.6	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
GE 0	98.7	99.1	99.6	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL		65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 20000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000		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
GE 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
GE 8000		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
GE 7000		87.8	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	88.0
GE 6000		88.3	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
GE 5000		88.3	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
GE 4500		88.3	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
GE 4000		90.2	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
GE 3500		93.1	93.2	93.3	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000		97.0	97.1	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500		97.3	97.4	97.6	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000		98.0	98.1	98.3	98.4	96.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800		98.0	98.1	98.3	98.4	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500		98.7	98.8	99.0	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200		98.8	98.9	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		98.8	98.9	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		98.8	98.9	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		98.8	98.9	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		98.8	98.9	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8
GE 600		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50		98.8	99.0	99.5	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 20000	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	79.0	79.0	79.0
GE 18000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 14000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000	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	79.6
GE 10000	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	80.3
GE 9000	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	81.4	81.4
GE 8000	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	88.0	88.0	88.0
GE 7000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.8	91.8	91.8	91.8	91.8
GE 6000	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	92.5	92.5
GE 5000	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	92.5	92.5
GE 4500	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	92.5	92.5
GE 4000	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	93.1
GE 3500	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	98.3	98.3	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	98.6	98.7	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	98.6	98.7	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	98.9	99.0	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.1	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	74.3	74.6	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
GE 18000	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	74.9	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	74.9	75.2	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	75.1	75.4	75.6	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
GE 10000	76.1	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
GE 9000	78.1	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	83.4	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	86.3	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 6000	86.6	87.0	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
GE 5000	86.8	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	86.8	87.2	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
GE 4000	88.3	88.7	89.1	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
GE 3500	90.8	91.3	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	95.1	95.6	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
GE 2500	96.0	96.5	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2200	96.7	97.3	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	96.8	97.4	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	97.2	97.8	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1600	97.5	98.1	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1400	97.6	98.2	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	97.6	98.3	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
GE 1000	97.6	98.3	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.6	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.6	98.3	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.6	98.4	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.6	98.4	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.6	98.4	99.3	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
GE 400	97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.6	98.4	99.3	99.6	99.7	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: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		60.3	61.8	62.4	62.6	62.7	63.0	63.4	63.6	63.8	63.8	63.9	63.9	63.9	63.9	64.0
GE 20000		63.8	65.3	66.0	66.1	66.2	66.6	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.6
GE 18000		63.9	65.4	66.1	66.2	66.4	66.8	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.8
GE 16000		63.9	65.4	66.1	66.3	66.4	66.8	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.9
GE 14000		63.9	65.4	66.1	66.2	66.4	67.1	67.6	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.1
GE 12000		63.9	65.4	66.1	66.2	66.4	67.1	67.6	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.1
GE 10000		65.2	66.6	67.4	68.0	68.1	68.4	68.9	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.4
GE 9000		67.7	69.2	69.9	70.4	70.6	70.9	71.3	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.9
GE 8000		73.8	75.6	76.2	76.6	76.9	77.2	77.7	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.3
GE 7000		74.3	76.1	76.6	77.4	77.6	78.0	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.2
GE 6000		74.8	76.6	77.2	77.9	78.0	78.4	78.9	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.8
GE 5000		75.4	77.2	77.9	78.6	78.7	79.1	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.4
GE 4500		75.4	77.2	77.9	78.6	78.7	79.1	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.4
GE 4000		76.0	77.9	78.6	79.2	79.3	79.8	80.2	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.1
GE 3500		78.3	80.2	80.9	81.6	81.7	82.1	82.6	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.4
GE 3000		84.3	86.2	86.9	87.6	87.7	88.1	88.7	89.0	89.3	89.4	89.6	89.6	89.6	89.6	89.7
GE 2500		86.0	87.9	88.6	89.4	89.6	90.1	90.7	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.7
GE 2000		87.4	89.7	90.9	91.8	91.9	92.8	93.3	93.7	94.1	94.2	94.3	94.3	94.3	94.3	94.4
GE 1800		87.7	89.9	91.1	92.0	92.1	93.0	93.6	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.7
GE 1600		88.3	90.9	92.3	93.2	93.3	94.2	94.8	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.9
GE 1400		88.4	91.0	92.6	93.4	93.6	94.4	95.0	95.3	95.8	95.9	96.0	96.0	96.0	96.0	96.1
GE 1200		88.9	92.0	93.9	94.9	95.0	95.9	96.6	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.7
GE 1000		88.9	92.0	93.9	94.9	95.0	95.9	96.6	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.7
GE 900		88.9	92.0	93.9	94.9	95.0	96.1	96.8	97.1	97.7	97.8	97.9	97.9	97.9	97.9	98.0
GE 800		88.9	92.0	94.0	95.1	95.1	96.2	96.9	97.2	97.8	97.9	98.0	98.0	98.0	98.0	98.1
GE 700		88.9	92.0	94.1	95.2	95.3	96.4	97.1	97.4	98.0	98.2	98.3	98.3	98.4	98.4	98.6
GE 600		88.9	92.0	94.3	95.4	95.6	96.7	97.3	97.7	98.2	98.4	98.6	98.6	98.7	98.7	98.8
GE 500		88.9	92.0	94.3	95.6	95.7	96.9	97.6	97.9	98.4	98.7	98.8	98.8	98.9	98.9	99.1
GE 400		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.0	98.6	98.8	98.9	98.9	99.0	99.0	99.2
GE 300		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.1	98.9	99.1	99.2	99.2	99.4	99.6	99.8
GE 200		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.1	98.9	99.1	99.2	99.2	99.4	99.6	99.9
GE 100		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.1	98.9	99.1	99.2	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GE 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 1
[illegible]		58.0	59.6	60.1	60.7	61.4	61.4	61.7	61.8	61.9	61.9	62.0	62.1	62.2	62.2	62.2
[illegible]		62.2	64.4	64.7	65.1	65.5	65.9	66.3	66.4	66.5	66.5	66.6	66.7	66.8	66.8	66.8
[illegible]		62.4	64.5	64.8	65.4	65.6	66.0	66.4	66.5	66.6	66.6	66.7	66.8	66.9	66.9	66.9
[illegible]		62.4	64.5	64.8	65.4	65.6	66.0	66.4	66.5	66.6	66.6	66.7	66.8	66.9	66.9	66.9
[illegible]		62.4	64.5	64.8	65.4	65.6	66.1	66.5	66.6	66.7	66.7	66.8	66.9	67.0	67.0	67.0
[illegible]		62.8	64.9	65.3	65.9	66.0	66.6	66.9	67.0	67.1	67.1	67.3	67.4	67.5	67.5	67.5
[illegible]		63.8	65.9	66.5	67.0	67.3	67.8	68.2	68.3	68.4	68.4	68.5	68.6	68.7	68.7	68.7
[illegible]		66.1	68.4	68.9	69.5	69.7	70.3	70.6	70.7	70.8	70.8	70.9	71.0	71.2	71.2	71.2
[illegible]		71.5	73.7	74.3	74.9	75.1	75.6	75.9	76.1	76.2	76.2	76.3	76.4	76.5	76.5	76.5
[illegible]		73.7	76.1	76.6	77.2	77.4	78.0	78.3	78.6	78.7	78.7	78.8	79.0	79.1	79.1	79.1
[illegible]		73.9	76.5	77.1	77.6	77.8	78.4	78.7	79.1	79.2	79.2	79.3	79.4	79.5	79.5	79.5
[illegible]		74.3	77.1	77.6	78.2	78.4	79.0	79.3	79.6	79.7	79.7	79.8	80.0	80.1	80.1	80.1
[illegible]		74.3	77.1	77.6	78.2	78.4	79.0	79.3	79.6	79.7	79.7	79.8	80.0	80.1	80.1	80.1
[illegible]		74.9	77.7	78.4	79.0	79.2	79.7	80.1	80.4	80.5	80.5	80.6	80.7	80.8	80.8	80.8
[illegible]		76.2	79.0	79.6	80.2	80.4	81.0	81.3	81.6	81.7	81.7	81.8	82.0	82.1	82.1	82.1
[illegible]		80.5	83.5	84.3	84.9	85.1	85.6	86.0	86.4	86.7	86.7	86.9	87.0	87.1	87.1	87.1
[illegible]		82.7	85.1	86.9	87.4	87.6	88.2	88.5	89.0	89.3	89.3	89.4	89.5	89.6	89.6	89.6
[illegible]		84.4	87.3	89.4	90.1	90.3	91.0	91.3	91.8	92.1	92.1	92.2	92.3	92.4	92.4	92.4
[illegible]		84.6	88.5	89.6	90.3	90.5	91.2	91.5	92.0	92.3	92.3	92.4	92.5	92.7	92.7	92.7
[illegible]		85.7	90.0	91.1	91.5	92.0	92.7	93.0	93.4	93.6	93.8	93.9	94.0	94.1	94.1	94.1
[illegible]		85.9	90.2	91.5	92.2	92.5	93.2	93.7	94.1	94.4	94.4	94.5	94.7	94.8	94.8	94.8
[illegible]		86.7	91.3	93.0	94.0	94.3	95.0	95.4	95.9	96.2	96.2	96.3	96.4	96.5	96.5	96.5
[illegible]		86.7	91.3	93.0	94.0	94.3	95.0	95.4	95.9	96.2	96.2	96.3	96.4	96.5	96.5	96.5
[illegible]		86.9	91.4	93.2	94.2	94.5	95.2	95.7	96.1	96.5	96.5	96.7	96.8	96.9	96.9	96.9
[illegible]		86.9	91.4	93.2	94.2	94.7	95.3	95.8	96.3	96.8	96.8	96.9	97.0	97.1	97.1	97.1
[illegible]		87.1	91.6	93.5	94.5	95.0	95.9	96.3	96.9	97.3	97.3	97.4	97.6	97.7	97.7	97.7
[illegible]		87.1	91.6	93.5	94.5	95.0	95.9	96.3	96.9	97.3	97.3	97.4	97.6	97.7	97.7	97.7
[illegible]		87.2	91.8	93.7	94.7	95.1	96.2	96.7	97.2	98.1	98.1	98.2	98.3	98.6	98.6	98.7
[illegible]		87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.7	98.7	98.7	98.8	98.9	99.1	99.1	99.3
[illegible]		87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.7	98.7	98.7	98.8	98.9	99.1	99.1	99.3
[illegible]		87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.8	98.8	98.8	98.9	99.0	99.2	99.4	99.8
[illegible]		87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.8	98.8	98.8	98.9	99.0	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AP SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 44	GE 36	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		53.7	55.3	57.0	57.4	57.6	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.2	58.3	58.4
GE 20000		58.3	60.6	62.4	62.8	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.8
GE 18000		58.7	61.1	62.8	63.2	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.3
GE 16000		58.7	61.1	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.3
GE 14000		58.7	61.1	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.3
GE 12000		59.1	61.4	63.2	63.6	63.8	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.4	64.5	64.6
GE 10000		60.5	62.8	64.6	65.1	65.3	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.9	66.0	66.1
GE 9000		62.4	64.7	66.5	67.0	67.2	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.7	67.9	68.0
GE 8000		66.9	69.5	71.3	71.7	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.5	72.6	72.7
GE 7000		69.2	71.9	73.7	74.2	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	75.0	75.1	75.2
GE 6000		69.4	72.1	74.1	74.5	74.7	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.4	75.5
GE 5000		69.7	72.5	74.5	75.0	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.8	75.9	76.0
GE 4500		69.9	72.6	74.6	75.1	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.9	76.0	76.1
GE 4000		71.0	73.9	76.0	76.4	76.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.4
GE 3500		72.1	75.0	77.1	77.5	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.3	78.4	78.5
GE 3000		77.4	80.4	82.5	83.1	83.3	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.3	84.4
GE 2500		79.6	82.9	85.3	85.9	86.1	86.2	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.1	87.2
GE 2200		81.4	85.1	88.1	88.7	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.8	89.9	90.0
GE 2000		81.4	85.1	88.1	88.7	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.8	89.9	90.0
GE 1800		82.3	86.2	89.3	89.9	90.1	90.2	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.1	91.2
GE 1600		82.8	86.9	90.1	90.8	91.1	91.2	91.8	91.9	91.9	91.9	91.9	91.9	92.1	92.2	92.3
GE 1400		83.0	87.7	91.1	92.1	92.5	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.7	93.9
GE 1200		83.0	87.7	91.1	92.1	92.8	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.8	93.9	94.1
GE 1000		83.1	87.8	91.4	92.5	93.4	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.7	94.9
GE 900		83.3	89.0	91.9	93.0	94.0	94.2	95.1	95.2	95.2	95.2	95.2	95.2	95.4	95.6	95.8
GE 800		83.6	89.3	92.5	94.1	94.8	95.0	96.0	96.1	96.1	96.1	96.1	96.1	96.3	96.4	96.7
GE 700		83.6	88.3	92.7	94.4	94.9	95.1	96.1	96.2	96.3	96.3	96.3	96.3	96.7	96.8	97.0
GE 600		83.6	88.3	92.8	94.7	95.1	95.3	96.6	96.7	96.9	96.9	96.9	97.0	97.6	97.7	97.9
GE 500		83.6	88.3	92.8	94.8	95.1	95.3	96.7	97.0	97.2	97.2	97.3	97.4	98.1	98.2	98.7
GE 400		83.6	88.3	92.8	94.8	95.1	95.3	96.8	97.1	97.3	97.3	97.4	97.6	98.3	98.6	99.0
GE 300		83.6	88.3	92.8	94.8	95.1	95.3	96.8	97.1	97.3	97.3	97.4	97.6	98.4	98.7	99.6
GE 200		83.6	88.3	92.8	94.8	95.1	95.3	96.8	97.1	97.3	97.4	97.6	97.7	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		46.6	49.4	50.4	50.4	50.4	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.0
GE 20000		52.2	55.0	58.2	58.4	58.4	58.6	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.1
GE 18000		52.4	55.2	58.6	58.8	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4
GE 16000		52.4	55.2	58.6	58.8	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4
GE 14000		52.4	55.2	58.6	58.8	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4
GE 12000		52.6	55.3	58.7	58.9	58.9	59.0	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.6
GE 10000		54.3	57.1	60.7	60.9	60.9	61.0	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.6
GE 9000		56.1	58.9	62.6	62.8	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.4
GE 8000		60.3	63.2	67.0	67.2	67.2	67.3	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.9
GE 7000		62.8	65.0	69.6	70.1	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.8
GE 6000		63.3	66.7	70.4	70.8	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.4
GE 5000		63.6	66.9	70.7	71.0	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.7
GE 4500		63.7	67.0	70.8	71.1	71.1	71.2	71.4	71.6	71.6	71.6	71.6	71.7	71.7	71.8
GE 4000		65.3	69.2	73.0	73.3	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.9	73.9	74.0
GE 3500		67.7	71.6	75.4	75.6	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.6
GE 3000		74.0	78.0	82.4	82.6	82.9	83.1	83.4	83.6	83.7	83.7	83.7	83.8	83.8	83.9
GE 2500		75.6	79.7	84.9	85.3	85.4	85.7	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.4
GE 2200		77.4	81.8	87.2	87.6	87.9	88.3	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.3
GE 2000		77.6	81.9	87.6	88.1	88.3	88.8	89.3	89.6	89.7	89.7	89.7	89.8	89.8	89.9
GE 1800		77.7	82.2	88.1	88.7	88.9	89.3	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.4
GE 1600		78.1	82.7	88.9	89.6	89.8	90.2	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.6
GE 1400		78.4	83.0	89.8	90.8	91.0	91.6	92.4	92.7	92.8	92.8	92.8	92.9	92.9	93.0
GE 1200		78.4	83.0	89.8	90.8	91.0	91.6	92.4	92.7	92.8	92.8	92.8	92.9	92.9	93.0
GE 1000		78.8	83.6	90.4	91.7	91.9	92.4	93.3	93.8	93.9	93.9	94.0	94.1	94.1	94.2
GE 900		79.0	83.8	90.7	92.0	92.2	92.9	93.9	94.3	94.4	94.4	94.6	94.7	94.7	94.8
GE 800		79.1	83.9	90.8	92.3	92.7	93.3	94.7	95.1	95.2	95.2	95.3	95.4	95.4	95.6
GE 700		79.1	83.9	90.8	92.4	92.8	93.4	95.2	95.8	96.3	96.3	96.4	96.6	96.6	96.7
GE 600		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.0	96.8	96.8	96.9	97.0	97.0	97.1
GE 500		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.1	97.1	97.1	97.2	97.3	97.4	97.7
GE 400		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.2	97.2	97.2	97.4	97.6	97.8	98.3
GE 300		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.2	97.3	97.3	97.7	97.8	98.1	99.4
GE 0		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.2	97.3	97.3	97.7	97.8	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		51.0	51.6	52.9	53.0	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.6	53.6	53.6	53.6
GE 20000		58.3	59.6	61.4	61.6	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.1
GE 18000		58.6	59.8	61.7	61.8	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3
GE 16000		58.6	59.8	61.8	61.9	62.0	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4
GE 14000		58.6	59.8	61.9	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6
GE 12000		58.9	60.1	62.2	62.3	62.4	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9
GE 10000		60.4	61.7	63.9	64.0	64.1	64.3	64.3	64.3	64.3	64.4	64.4	64.6	64.6	64.6	64.6
GE 9000		61.8	63.2	65.6	65.7	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2
GE 8000		67.2	68.8	71.2	71.3	71.4	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9
GE 7000		70.2	71.9	74.2	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9
GE 6000		70.8	72.3	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 5000		70.8	72.3	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 4500		70.8	72.3	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 4000		72.4	74.0	76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
GE 3500		73.7	75.2	77.9	78.0	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6
GE 3000		80.6	82.1	85.1	85.3	85.4	85.7	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0
GE 2500		82.3	83.9	86.9	87.1	87.2	87.4	87.4	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 2000		84.9	86.9	90.3	90.6	90.8	91.0	91.0	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 1800		84.9	87.0	90.4	90.7	90.9	91.1	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 1600		86.8	88.9	92.9	93.1	93.3	93.6	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9
GE 1200		87.3	89.7	94.0	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6
GE 1000		87.4	89.6	94.4	95.1	95.3	95.6	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 900		87.6	89.9	94.7	95.4	95.7	95.9	96.1	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7
GE 800		87.9	90.2	95.2	96.1	96.3	96.6	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 700		88.0	90.3	95.7	96.6	97.0	97.2	97.8	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6
GE 600		88.0	90.3	95.7	96.6	97.0	97.3	98.0	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 500		88.0	90.3	95.7	96.6	97.0	97.3	98.1	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 400		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3
GE 300		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 200		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.9	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 100		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.9	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 0		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.9	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.1	53.0	53.6	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000		62.7	63.9	64.4	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.8	64.8	64.8
GE 18000		62.9	64.1	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000		62.9	64.1	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000		63.0	64.2	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000		64.3	65.6	66.3	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000		66.6	67.8	68.7	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000		68.0	69.2	70.3	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000		71.9	73.2	74.3	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000		73.8	75.2	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000		74.4	75.9	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000		75.3	75.4	77.6	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500		75.1	76.6	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000		76.6	78.2	79.7	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500		77.9	79.3	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000		86.2	87.8	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500		87.9	89.4	91.1	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000		89.4	91.4	93.6	94.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800		89.6	91.6	93.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1600		89.9	92.1	95.1	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1400		90.0	92.3	95.7	97.3	97.4	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200		90.1	92.4	96.0	98.2	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1100		90.1	92.6	96.1	98.4	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000		90.4	92.9	96.4	98.8	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
(SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		55.5	57.0	58.0	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000		62.1	63.7	64.8	65.*	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000		62.2	63.8	65.1	65.5	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000		62.3	64.0	65.2	65.6	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000		62.4	64.1	65.5	66.*	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000		62.7	64.4	65.*	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000		65.2	67.*	68.5	69.*	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000		67.5	69.3	70.9	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000		72.5	74.4	76.0	76.4	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.9	76.8	76.8	76.8
GE 7000		74.7	76.6	78.3	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000		75.1	77.0	78.6	79.*	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000		75.4	77.3	79.0	79.5	79.5	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500		75.4	77.3	79.0	79.5	79.5	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000		77.4	79.4	81.2	82.1	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500		78.6	80.6	82.4	83.*	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000		86.0	88.4	90.4	91.4	91.4	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500		87.1	89.7	91.9	92.9	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2200		87.9	90.7	93.2	94.*	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000		88.0	91.1	93.8	95.*	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500		88.3	91.7	94.5	96.*	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000		88.5	92.0	95.0	96.*	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900		88.9	92.5	96.0	97.*	98.1	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		88.9	92.5	96.1	98.*	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		89.1	92.6	96.3	98.*	98.4	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600		89.2	92.9	96.4	98.4	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		60.4	61.8	62.6	62.8	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 25000		64.4	66.1	67.0	67.2	67.2	67.6	67.7	67.9	67.9	67.9	67.9	[illegible]	[illegible]	[illegible]
GE 18000		64.4	66.1	67.0	67.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 14000		64.4	66.1	67.0	67.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 10000		64.4	66.1	67.0	67.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 9000		64.4	66.1	67.0	67.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 8000		64.5	66.2	67.1	67.6	67.7	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5
GE 7000		66.4	68.1	69.0	69.4	69.5	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3
GE 6000		68.5	70.2	71.1	71.5	71.6	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4
GE 5000		73.7	75.4	76.3	76.7	76.8	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6
GE 4000		75.5	77.2	78.1	78.5	78.6	79.1	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4
GE 3000		76.3	78.0	78.9	79.3	79.4	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2
GE 2500		77.1	78.8	79.6	80.0	80.1	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9
GE 2000		77.2	78.9	79.8	80.2	80.3	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1
GE 1800		78.9	80.5	81.6	82.0	82.1	82.6	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9
GE 1500		80.1	81.8	82.8	83.2	83.3	83.8	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1
GE 1200		86.0	87.8	88.8	89.2	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
GE 1000		87.2	89.0	90.0	90.4	90.5	91.0	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3
GE 900		89.0	91.0	92.0	92.4	92.5	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 800		89.1	91.1	92.1	92.5	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4
GE 700		89.7	91.9	93.0	93.4	93.5	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3
GE 600		90.2	92.4	93.5	93.9	94.0	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 500		90.3	92.7	93.8	94.2	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1
GE 450		90.3	92.7	93.8	94.2	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1
GE 400		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 350		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 300		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 250		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 200		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 150		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 100		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 0		90.5	92.9	93.9	94.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS: 969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4
NO CEIL		54.7	56.1	57.1	57.3	57.4	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1
GE 20000		60.5	62.3	63.6	63.9	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.7
GE 18000		60.7	62.5	63.9	64.2	64.3	64.6	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.1
GE 16000		60.7	62.5	63.9	64.2	64.3	64.6	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.1
GE 14000		60.7	62.5	64.0	64.4	64.5	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2	65.2
GE 12000		61.1	62.9	64.3	64.8	64.9	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6
GE 10000		62.8	64.6	66.2	66.6	66.7	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4
GE 9000		64.8	66.6	68.2	68.6	68.7	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.5
GE 8000		69.7	71.7	73.3	73.8	73.9	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.6
GE 7000		71.8	73.9	75.5	76.0	76.1	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9
GE 6000		72.3	74.4	76.0	76.5	76.6	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.5	77.5
GE 5000		72.7	74.8	76.5	77.0	77.1	77.4	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9
GE 4500		72.7	74.9	76.5	77.0	77.1	77.5	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0
GE 4000		74.1	76.4	78.1	78.7	78.8	79.1	79.3	79.5	79.5	79.5	79.6	79.6	79.7	79.7
GE 3500		75.6	77.8	79.6	80.2	80.3	80.7	80.8	81.0	81.0	81.0	81.1	81.1	81.2	81.2
GE 3000		81.9	84.3	86.3	86.9	87.0	87.4	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.2
GE 2500		83.6	86.1	88.3	88.9	89.0	89.4	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.2
GE 2000		85.2	88.1	90.7	91.4	91.6	92.1	92.4	92.6	92.7	92.7	92.8	92.8	92.9	92.9
GE 1800		85.4	88.3	90.9	91.7	91.9	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.2	93.2
GE 1500		86.1	89.2	92.1	93.0	93.2	93.8	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.6
GE 1200		86.4	89.6	92.8	93.6	94.0	94.6	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.5
GE 1000		86.7	90.2	93.6	94.5	95.1	95.7	96.2	96.3	96.5	96.6	96.6	96.6	96.7	96.7
GE 900		86.7	90.2	93.7	95.1	95.2	95.8	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8
GE 800		86.9	90.4	94.0	95.4	95.7	96.3	96.8	97.0	97.2	97.2	97.3	97.3	97.4	97.4
GE 700		87.0	90.5	94.2	95.6	95.9	96.6	97.2	97.4	97.7	97.7	97.7	97.8	97.8	97.9
GE 600		87.1	90.6	94.4	95.9	96.2	96.9	97.6	97.8	98.1	98.1	98.2	98.2	98.3	98.3
GE 500		87.1	90.6	94.5	96.0	96.3	97.0	97.7	98.0	98.4	98.4	98.4	98.5	98.6	98.6
GE 400		87.1	90.6	94.5	96.0	96.4	97.2	97.9	98.2	98.6	98.7	98.7	98.8	98.9	98.9
GE 300		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.3	98.8	98.9	98.9	99.0	99.1	99.2
GE 200		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.4	98.9	99.0	99.1	99.1	99.3	99.4
GE 100		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.4	99.0	99.0	99.1	99.2	99.4	99.5
GE 0		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.4	99.0	99.0	99.1	99.2	99.4	99.5

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS
	GE 0
NO CEIL	58.1
GE 20000	64.7
GE 18000	65.1
GE 16000	65.1
GE 14000	65.2
GE 12000	65.6
GE 10000	67.4
GE 9000	69.5
GE 8000	74.6
GE 7000	76.9
GE 6000	77.5
GE 5000	77.9
GE 4500	78.0
GE 4000	79.7
GE 3500	81.2
GE 3000	88.2
GE 2500	90.2
GE 2000	92.9
GE 1800	93.2
GE 1500	94.6
GE 1200	95.5
GE 1000	96.7
GE 900	96.8
GE 800	97.4
GE 700	97.8
GE 600	98.3
GE 500	98.6
GE 400	98.9
GE 300	99.2
GE 200	99.4
GE 100	99.5
GE 0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE [illegible]	GE 4	GE [illegible]
NO CEIL		50.5	52.0	54.0	54.6	54.6	55.1	56.2	56.3	56.5	56.7	56.8	56.8	[illegible]	[illegible]	[illegible]
GE 20000		53.7	55.5	58.1	58.9	58.9	59.4	60.5	60.6	60.8	61.0	61.1	61.1	[illegible]	[illegible]	[illegible]
GE 18000		54.4	56.2	58.8	59.5	59.5	60.1	61.1	61.2	61.5	61.7	61.8	61.8	[illegible]	[illegible]	[illegible]
GE 16000		54.4	56.2	58.8	59.5	59.5	60.1	61.1	61.2	61.5	61.7	61.8	61.8	[illegible]	[illegible]	[illegible]
GE 14000		54.4	56.2	58.8	59.5	59.5	60.1	61.1	61.2	61.5	61.7	61.8	61.8	[illegible]	[illegible]	[illegible]
GE 12000		54.5	56.3	58.9	59.6	59.6	60.2	61.2	61.4	61.6	61.8	61.9	61.9	[illegible]	[illegible]	[illegible]
GE 10000		55.1	56.9	60.0	60.7	60.7	61.2	62.3	62.4	62.6	62.9	63.0	63.0	[illegible]	[illegible]	[illegible]
GE 9000		55.8	57.6	60.6	61.4	61.4	61.9	63.0	63.1	63.3	63.5	63.6	63.6	[illegible]	[illegible]	[illegible]
GE 8000		58.7	60.9	64.3	65.1	65.1	65.7	66.7	66.8	67.1	67.3	67.4	67.4	[illegible]	[illegible]	[illegible]
GE 7000		61.2	63.8	67.2	68.0	68.0	68.6	69.6	69.8	70.0	70.2	70.3	70.3	[illegible]	[illegible]	[illegible]
GE 6000		62.0	64.6	67.9	68.8	68.8	69.3	70.4	70.5	70.7	70.9	71.0	71.0	[illegible]	[illegible]	[illegible]
GE 5000		62.1	64.7	68.0	68.9	68.9	69.4	70.5	70.6	70.8	71.0	71.2	71.2	[illegible]	[illegible]	[illegible]
GE 4500		62.9	65.4	68.8	69.6	69.6	70.2	71.3	71.4	71.6	71.8	71.9	71.9	[illegible]	[illegible]	[illegible]
GE 4000		64.7	67.3	70.6	71.5	71.6	72.1	73.2	73.3	73.5	73.7	73.8	73.8	[illegible]	[illegible]	[illegible]
GE 3500		66.5	69.1	72.8	73.6	74.0	74.5	75.7	75.8	76.0	76.2	76.3	76.3	[illegible]	[illegible]	[illegible]
GE 3000		71.7	74.5	78.1	79.1	79.4	80.1	81.3	81.4	81.6	81.8	81.9	81.9	[illegible]	[illegible]	[illegible]
GE 2500		73.7	76.6	80.3	81.3	81.6	82.2	83.4	83.5	83.7	84.0	84.1	84.1	[illegible]	[illegible]	[illegible]
GE 2000		76.0	79.0	82.7	83.8	84.0	84.6	85.8	85.9	86.1	86.3	86.4	86.4	[illegible]	[illegible]	[illegible]
GE 1800		76.3	79.4	83.1	84.1	84.4	85.0	86.2	86.3	86.5	86.8	86.9	86.9	[illegible]	[illegible]	[illegible]
GE 1500		77.6	80.7	84.7	85.7	86.0	86.7	87.8	87.9	88.2	88.4	88.5	88.5	[illegible]	[illegible]	[illegible]
GE 1200		79.2	82.7	87.2	88.2	88.5	89.1	90.3	90.4	90.6	90.9	91.0	91.0	[illegible]	[illegible]	[illegible]
GE 1000		79.8	83.2	88.2	89.1	89.5	90.1	91.3	91.4	91.6	91.8	91.9	91.9	[illegible]	[illegible]	[illegible]
GE 900		79.8	83.2	88.4	89.3	89.7	90.3	91.5	91.6	91.8	92.0	92.1	92.1	[illegible]	[illegible]	[illegible]
GE 800		79.9	83.4	88.6	89.6	90.1	90.7	91.9	92.0	92.4	92.6	92.7	92.7	[illegible]	[illegible]	[illegible]
GE 700		80.0	83.5	89.1	90.2	90.5	91.5	92.7	92.8	93.1	93.3	93.4	93.4	[illegible]	[illegible]	[illegible]
GE 600		80.1	84.1	90.0	91.1	91.4	92.6	94.0	94.1	94.5	94.7	94.8	94.8	[illegible]	[illegible]	[illegible]
GE 500		80.1	84.2	90.1	91.2	91.6	92.8	94.2	94.3	94.7	94.9	95.0	95.0	[illegible]	[illegible]	[illegible]
GE 400		80.1	84.2	90.2	91.4	91.8	93.2	94.6	94.9	95.4	95.6	95.7	95.7	[illegible]	[illegible]	[illegible]
GE 300		80.1	84.2	90.3	91.5	92.0	93.4	95.2	95.5	95.9	96.1	96.2	96.2	[illegible]	[illegible]	[illegible]
GE 200		80.1	84.2	90.3	91.6	92.1	93.8	95.8	96.2	96.7	96.9	97.0	97.0	[illegible]	[illegible]	[illegible]
GE 100		80.1	84.2	90.3	91.6	92.2	93.9	95.9	96.4	96.9	97.1	97.2	97.4	[illegible]	[illegible]	[illegible]
GE 0		80.1	84.2	90.3	91.6	92.2	93.9	95.9	96.4	96.9	97.1	97.2	97.4	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0600

CEILING IN FEET	CE 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
[illegible]		46.7	49.4	51.0	51.6	52.2	52.3	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
[illegible]		52.6	54.3	57.1	58.2	58.5	58.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]		53.1	54.8	57.6	58.7	59.0	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]		53.1	54.8	57.6	58.7	59.0	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]		53.1	54.8	57.6	58.7	59.0	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]		53.2	54.9	57.7	58.8	59.1	59.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
[illegible]		53.9	55.6	58.6	59.7	60.0	60.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
[illegible]		54.6	56.3	59.5	60.5	60.9	61.0	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
[illegible]		58.5	60.2	63.8	65.2	65.6	65.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
[illegible]		61.7	64.0	67.6	69.0	69.5	69.6	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
[illegible]		61.9	64.2	68.0	69.4	69.8	69.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
[illegible]		61.9	64.2	68.0	69.4	69.8	69.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
[illegible]		62.7	65.2	68.9	70.3	70.8	70.9	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
[illegible]		64.2	66.7	70.4	71.8	72.3	72.4	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]		66.0	68.5	72.5	73.9	74.5	74.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
[illegible]		71.2	74.0	78.2	79.6	80.2	80.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
[illegible]		73.9	76.8	81.1	82.5	83.1	83.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
[illegible]		76.2	79.1	83.4	84.8	85.5	85.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
[illegible]		76.8	79.7	84.0	85.4	86.0	86.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
[illegible]		78.6	81.9	85.2	86.7	87.3	87.4	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
[illegible]		79.2	82.4	86.8	88.3	88.9	89.0	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
[illegible]		79.5	82.6	87.5	89.0	89.7	89.8	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
[illegible]		79.5	82.6	87.7	89.2	89.9	90.0	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
[illegible]		79.6	82.8	88.1	89.6	90.3	90.4	91.4	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
[illegible]		79.7	82.9	88.4	90.0	90.6	90.9	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3
[illegible]		79.7	82.9	88.8	90.5	91.3	91.5	92.5	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
[illegible]		80.0	83.2	89.2	91.0	91.7	91.9	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.7
[illegible]		80.0	83.2	89.6	91.4	92.2	92.6	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
[illegible]		80.0	83.2	89.6	91.4	92.2	92.6	94.2	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8
[illegible]		80.0	83.2	89.6	91.4	92.2	92.7	94.8	95.3	95.7	95.7	95.8	95.9	96.0	96.1	96.7
[illegible]		80.0	83.2	89.6	91.4	92.2	92.7	94.9	95.4	95.8	95.8	96.2	96.3	96.5	96.8	98.1
[illegible]		80.0	83.2	89.6	91.4	92.2	92.7	94.9	95.4	95.8	95.8	96.2	96.6	96.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		44.3	45.4	47.7	48.4	48.6	48.7	49.1	49.2	49.2	49.4	49.4	49.4	49.5	49.5	49.7
GE 20000		49.4	50.9	53.5	54.6	55.1	55.2	55.6	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.1
GE 18000		49.6	51.1	53.8	54.6	55.3	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
GE 16000		49.6	51.1	53.8	54.8	55.3	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
GE 14000		49.6	51.1	53.8	54.8	55.3	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
GE 12000		49.9	51.4	54.1	55.2	55.6	55.7	56.1	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.7
GE 10000		50.9	52.4	55.5	56.6	57.1	57.2	57.6	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.2
GE 9000		52.8	54.3	57.5	58.6	59.1	59.2	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.2
GE 8000		54.7	56.5	59.7	61.3	61.9	62.0	62.6	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.1
GE 7000		59.5	61.3	64.5	66.1	66.8	66.9	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	68.0
GE 6000		60.1	62.0	65.3	66.9	67.5	67.6	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.7
GE 5000		60.2	62.2	65.4	67.0	67.6	67.7	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.8
GE 4500		60.5	62.7	65.9	67.5	68.2	68.3	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.4
GE 4000		62.2	64.6	67.8	69.5	70.1	70.2	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.3
GE 3500		63.9	66.3	69.6	71.2	71.8	71.9	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	73.0
GE 3000		69.1	71.7	75.1	76.8	77.4	77.5	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.6
GE 2500		71.6	73.7	77.4	79.1	79.8	79.9	80.4	80.5	80.5	80.6	80.6	80.6	80.8	80.8	81.0
GE 2200		74.1	77.2	81.3	83.0	83.7	83.8	84.3	84.4	84.6	84.8	84.6	84.8	84.9	84.9	85.2
GE 1800		74.6	77.7	81.8	83.7	84.3	84.4	84.9	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.8
GE 1500		75.6	78.8	83.0	84.9	85.6	85.8	86.3	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.2
GE 1200		76.5	80.1	84.3	86.5	87.1	87.3	87.8	88.0	88.2	88.4	88.4	88.4	88.5	88.5	88.7
GE 1000		76.8	80.5	85.3	87.4	88.1	88.3	88.8	89.0	89.2	89.5	89.5	89.5	89.7	89.7	89.9
GE 900		77.2	81.0	85.8	88.0	88.6	88.8	89.4	89.6	89.8	90.0	90.0	90.1	90.2	90.2	90.4
GE 800		77.6	81.6	86.6	88.7	89.6	89.9	90.6	90.9	91.1	91.3	91.3	91.4	91.5	91.5	91.7
GE 700		77.8	81.9	87.1	89.4	90.3	90.8	91.5	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.6
GE 600		78.6	82.0	87.4	89.8	90.8	91.2	91.9	92.2	92.5	92.7	92.7	92.8	92.9	92.9	93.1
GE 500		78.4	82.5	88.4	90.8	92.3	92.7	93.9	94.1	94.4	94.6	94.6	94.7	94.8	94.8	95.1
GE 400		78.6	82.7	89.1	91.7	93.2	93.8	95.1	95.4	95.7	95.9	95.9	96.0	96.1	96.1	96.3
GE 300		78.6	82.7	89.1	91.8	93.3	94.1	95.4	95.7	96.3	96.7	96.7	96.9	97.0	97.0	97.2
GE 200		78.6	82.7	89.1	91.8	93.3	94.1	95.4	95.7	96.5	96.8	96.8	97.1	97.2	97.3	98.2
GE 100		78.6	82.7	89.1	91.8	93.3	94.1	95.5	95.8	96.6	96.9	97.0	97.4	97.5	97.6	98.7
GE 0		78.6	82.7	89.1	91.8	93.3	94.1	95.5	95.8	96.6	97.0	97.1	97.5	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		39.0	40.1	43.1	43.5	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	
GE 20000		46.7	48.1	52.0	52.6	52.6	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	
GE 18000		46.7	48.1	52.3	52.8	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	
GE 16000		46.7	48.1	52.3	52.8	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	
GE 14000		46.7	48.1	52.3	52.8	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	
GE 12000		46.8	48.2	52.4	52.9	52.9	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	
GE 10000		47.7	49.1	53.4	54.1	54.1	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	
GE 9000		48.9	50.4	54.7	55.5	55.5	56.0	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	
GE 8000		51.4	53.1	58.0	58.7	58.7	59.2	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	
GE 7000		53.0	54.7	59.8	60.5	60.5	61.1	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	
GE 6000		53.5	55.3	60.3	61.1	61.1	61.6	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	
GE 5000		53.7	55.4	60.5	61.3	61.3	61.8	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	
GE 4500		53.7	55.4	60.6	61.4	61.4	61.9	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	
GE 4000		55.2	57.0	62.6	63.3	63.3	63.9	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	
GE 3500		57.2	59.0	64.9	65.7	65.7	66.2	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	
GE 3000		62.2	64.2	70.4	71.2	71.2	71.9	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	
GE 2500		64.1	66.2	73.1	74.0	74.0	74.9	75.9	75.9	76.2	76.3	76.3	76.3	76.3	76.3	
GE 2000		66.7	69.2	76.6	77.7	77.7	78.7	79.8	79.8	80.2	80.6	80.6	80.6	80.6	80.6	
GE 1800		67.6	70.3	78.0	78.9	78.9	79.9	81.0	81.0	81.4	81.8	81.8	81.8	81.8	81.8	
GE 1600		69.5	72.4	80.3	81.3	81.3	82.5	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	
GE 1200		70.2	73.1	81.5	82.5	82.5	83.8	84.9	84.9	85.4	85.8	85.8	85.8	85.8	85.8	
GE 1000		71.3	74.3	82.9	84.1	84.2	85.7	87.1	87.1	87.5	88.1	88.1	88.1	88.1	88.1	
GE 900		71.3	74.3	83.0	84.2	84.3	85.9	87.4	87.4	87.8	88.4	88.4	88.4	88.4	88.4	
GE 800		71.5	74.5	83.5	84.9	85.1	86.8	88.6	88.6	89.1	89.7	89.7	89.7	89.7	89.7	
GE 700		71.5	74.7	84.0	85.5	85.7	87.6	89.5	89.7	90.2	90.8	90.8	90.8	90.8	90.8	
GE 600		71.5	74.7	84.2	85.9	86.1	88.3	90.2	90.4	91.0	91.5	91.5	91.6	91.6	91.6	
GE 500		71.5	74.7	84.5	86.2	86.5	88.6	90.8	91.2	91.8	92.4	92.5	92.6	92.6	92.6	
GE 400		71.5	74.7	84.8	86.6	87.3	89.7	92.3	92.9	93.7	94.3	94.4	94.5	94.5	94.5	
GE 300		71.5	74.8	84.9	86.9	87.4	89.8	92.7	93.3	94.4	95.1	95.2	95.4	95.4	95.4	96.0
GE 200		71.5	74.8	84.9	86.9	87.4	89.9	93.0	93.7	95.3	96.1	96.3	96.6	96.7	96.8	98.4
GE 100		71.5	74.8	84.9	86.9	87.4	89.9	93.0	93.7	95.3	96.1	96.3	96.6	97.0	97.1	99.2
GE 0		71.5	74.8	84.9	86.9	87.4	89.9	93.0	93.7	95.3	96.1	96.3	96.7	97.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		42.5	44.3	46.2	46.9	47.0	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 25000		49.1	51.5	53.5	54.2	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000		49.7	52.0	54.3	54.9	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000		49.7	52.0	54.3	54.9	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000		49.9	52.3	54.5	55.2	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000		50.0	52.4	54.6	55.3	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000		51.1	53.4	55.7	56.3	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000		52.8	55.2	57.6	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000		54.7	57.1	59.9	60.5	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000		57.0	59.5	62.3	62.9	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000		57.1	59.6	62.5	63.1	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 5000		57.1	59.6	62.6	63.2	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500		57.2	59.7	62.7	63.3	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000		59.4	61.9	65.3	66.1	66.2	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500		60.8	63.4	67.2	68.1	68.2	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3000		67.6	70.5	74.5	75.6	75.8	76.0	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500		70.3	73.3	77.7	78.8	79.1	79.4	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2200		72.6	76.0	81.2	82.3	82.8	83.1	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000		72.9	76.5	81.7	82.8	83.3	83.7	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800		74.9	78.5	84.0	85.1	85.6	86.0	86.8	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1600		76.0	79.6	85.5	86.6	87.1	87.5	88.3	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1400		76.7	80.3	86.7	87.8	88.4	89.1	90.0	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200		76.8	80.4	87.1	88.3	88.8	89.6	90.5	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000		76.9	80.6	87.7	89.2	89.8	90.5	91.7	91.9	92.5	92.5	92.5	92.5	92.6	92.6	92.6
GE 900		77.0	80.8	88.1	89.9	90.5	91.3	92.6	92.9	93.4	93.4	93.4	93.4	93.5	93.5	93.5
GE 800		77.0	80.8	88.7	90.9	91.5	92.3	93.8	94.2	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 700		77.0	80.8	88.9	91.3	91.9	93.0	95.2	95.6	96.3	96.3	96.3	96.3	96.5	96.5	96.5
GE 600		77.0	80.8	88.9	91.3	92.0	93.1	95.6	96.1	97.0	97.1	97.1	97.1	97.3	97.3	97.3
GE 500		77.0	80.8	88.9	91.3	92.3	93.3	96.0	96.7	97.8	98.0	98.0	98.0	98.2	98.3	98.4
GE 400		77.0	80.8	88.9	91.4	92.4	93.4	96.1	96.8	98.2	98.3	98.4	98.5	98.8	99.1	99.5
GE 100		77.0	80.8	88.9	91.4	92.4	93.4	96.1	96.8	98.2	98.3	98.5	98.6	99.0	99.4	99.9
GE 0		77.0	80.8	88.9	91.4	92.4	93.4	96.1	96.8	98.2	98.3	98.5	98.6	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	42.9	44.4	45.9	46.1	46.5	46.6	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000	51.7	53.9	56.3	56.6	56.9	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	51.8	54.0	56.7	56.9	57.2	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	51.8	54.0	56.7	56.9	57.2	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	51.8	54.0	56.7	56.9	57.2	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	52.5	54.6	57.3	57.5	57.8	58.0	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	53.5	55.8	58.6	58.8	59.1	59.2	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	55.1	57.3	60.1	60.3	60.6	60.8	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	58.7	61.0	63.8	64.0	64.3	64.4	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	61.4	63.8	66.7	67.0	67.4	67.5	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	61.9	64.3	67.2	67.5	68.0	68.1	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0
GE 5000	62.4	64.7	66.0	68.3	68.7	68.8	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
GE 4500	62.8	65.2	68.4	69.7	69.1	69.2	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 4000	64.4	66.9	75.1	70.4	70.9	71.0	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 3500	66.2	68.7	71.9	72.3	72.7	72.8	73.5	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9
GE 3000	74.2	76.9	81.0	81.5	81.9	82.2	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 2500	77.0	80.0	84.2	84.7	85.2	85.4	86.1	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5
GE 2000	79..	82.4	87.1	87.6	88.2	88.4	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 1800	80.2	83.3	88.1	88.6	89.1	89.4	90.4	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 1600	81.6	84.5	90.0	90.5	91.2	91.4	92.5	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1200	82.6	86.1	91.3	91.8	92.5	92.7	93.8	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1000	82.8	86.3	91.6	92.4	93.0	93.3	94.5	94.8	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 900	82.8	86.5	91.7	92.7	93.4	93.8	95.2	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 800	82.8	86.5	92.2	93.4	94.2	94.8	96.8	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 700	82.8	86.5	92.2	93.4	94.5	95.2	97.2	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 600	82.8	86.5	92.4	93.7	94.6	95.5	97.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 500	82.8	86.5	92.4	93.7	94.9	95.8	98.0	98.3	98.7	98.7	98.7	98.8	99.0	99.0	99.0
GE 400	82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.5
GE 300	82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.5	99.7	99.9	99.9	99.9
GE 200	82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.6	99.8	100.0	100.0	100.0
GE 100	82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.6	99.8	100.0	100.0	100.0
GE 0	82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL	46.8	47.7	50.6	51.1	51.3	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 25000	52.2	53.3	57.1	57.6	57.8	58.1	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	52.2	53.4	57.4	58.0	58.2	58.4	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	52.3	53.5	57.5	58.1	58.3	58.5	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	52.3	53.5	57.5	58.1	58.3	58.5	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	52.5	53.8	57.7	58.3	58.5	58.7	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	54.4	55.9	60.2	60.8	61.0	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	56.6	58.2	62.9	63.4	63.7	63.9	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	60.6	62.4	67.4	68.4	68.6	68.8	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	63.5	65.5	70.5	71.6	71.8	72.0	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	64.1	66.0	71.1	72.2	72.4	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	64.5	66.6	71.8	73.0	73.4	73.8	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	65.2	67.2	72.5	73.7	74.1	74.4	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	66.8	68.8	74.1	75.4	75.8	76.1	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0
GE 3500	68.1	70.2	75.6	77.0	77.4	77.7	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6
GE 3000	74.5	77.0	82.5	83.9	84.3	84.7	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6
GE 2500	76.8	79.6	85.5	87.0	87.4	87.8	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 2000	78.7	81.6	88.0	89.6	90.0	90.4	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
GE 1800	79.1	82.3	88.6	90.2	90.6	91.5	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 1600	80.1	83.5	90.0	91.7	92.2	93.0	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9
GE 1200	80.8	84.4	90.9	92.6	93.0	93.9	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 1000	80.9	84.5	91.2	92.9	93.3	94.3	94.8	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4
GE 900	81.0	84.6	91.3	93.0	93.4	94.5	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 800	81.0	84.6	91.6	93.5	94.0	95.2	96.0	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.6
GE 700	81.0	84.6	91.9	93.9	94.3	95.6	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	81.0	84.6	92.0	94.1	94.6	96.0	96.9	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	81.0	84.6	92.0	94.2	94.7	96.1	97.2	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 450	81.0	84.6	92.0	94.2	94.7	96.1	97.5	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 400	81.0	84.6	92.0	94.3	94.8	96.2	97.6	98.1	98.5	98.7	98.7	98.9	99.0	99.0	99.0
GE 350	81.0	84.6	92.0	94.3	94.8	96.2	97.6	98.2	98.6	98.8	98.9	99.1	99.2	99.2	99.2
GE 300	81.0	84.6	92.0	94.3	94.8	96.2	97.7	98.3	98.7	98.9	99.0	99.2	99.4	99.4	99.7
GE 0	81.0	84.6	92.0	94.3	94.8	96.2	97.7	98.3	98.7	98.9	99.0	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	51.8	52.9	54.9	56.2	56.6	56.9	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.2	
GE 25000	55.5	57.0	59.4	60.8	61.1	61.4	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.7	
GE 18000	55.6	57.2	59.7	61.1	61.4	61.7	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	63.0	
GE 16000	55.9	57.5	60.0	61.4	61.7	62.0	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3	
GE 14000	55.9	57.5	60.0	61.4	61.7	62.0	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3	
GE 12000	55.9	57.5	60.0	61.4	61.7	62.0	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3	
GE 10000	57.2	58.8	61.5	62.9	63.2	63.5	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.8	
GE 9000	59.2	60.9	63.7	65.1	65.4	65.7	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.0	
GE 8000	62.7	64.9	68.0	69.4	69.7	70.0	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.3	
GE 7000	65.1	67.3	70.5	72.0	72.4	72.7	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	74.0	
GE 6000	66.1	68.4	71.4	73.1	73.4	73.8	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	75.1	
GE 5000	67.0	69.8	72.9	74.6	74.9	75.3	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.6	
GE 4500	67.4	70.2	73.3	75.1	75.4	75.7	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	77.0	
GE 4000	68.9	71.8	74.9	76.9	77.2	77.5	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.8	
GE 3500	70.1	73.2	76.6	78.5	79.0	79.4	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.6	
GE 3000	74.4	77.8	81.6	83.7	84.2	84.5	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.8	
GE 2500	76.3	80.2	84.1	86.1	86.7	87.0	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.3	
GE 2000	77.5	81.8	85.8	87.8	88.4	88.7	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	90.0	
GE 1800	78.2	82.5	86.9	88.9	89.5	89.8	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	91.1	
GE 1600	79.5	83.6	88.4	90.5	91.1	91.4	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.7	
GE 1400	80.0	84.3	88.9	91.1	91.6	92.0	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.3	
GE 1200	80.4	84.9	89.5	91.8	92.4	93.2	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.5	
GE 1000	80.6	85.1	89.8	92.3	92.8	93.7	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	95.1	
GE 900	80.6	85.1	89.9	92.5	93.0	94.0	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.4	
GE 800	80.8	85.3	90.1	93.1	93.7	94.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.1	
GE 700	80.8	85.6	90.6	93.4	94.3	95.4	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.3	
GE 600	80.8	85.8	90.9	94.0	94.5	95.6	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.5	
GE 500	80.8	85.8	91.0	94.1	94.8	95.9	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	98.0	
GE 400	80.8	85.8	91.0	94.3	94.9	96.0	97.3	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.4	
GE 300	80.8	85.8	91.1	94.4	95.2	96.2	97.8	98.3	98.5	98.5	98.6	98.9	98.9	98.9	99.1	
GE 200	80.8	85.8	91.1	94.4	95.2	96.2	97.8	98.3	98.6	98.6	98.7	99.0	99.0	99.0	99.9	
GE 0	80.8	85.8	91.1	94.4	95.2	96.2	97.8	98.3	98.6	98.6	98.7	99.0	99.0	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		45.6	46.9	49.2	49.8	50.0	50.2	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1
GE 20000		51.4	53.1	55.9	56.7	56.9	57.1	57.7	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.1
GE 18000		51.6	53.4	56.3	57.1	57.3	57.5	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.5
GE 16000		51.7	53.4	56.4	57.1	57.4	57.6	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5
GE 14000		51.7	53.4	56.4	57.2	57.4	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5
GE 12000		51.9	53.6	56.6	57.4	57.6	57.8	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 10000		53.0	54.8	57.9	58.7	59.0	59.2	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1
GE 9000		54.5	56.3	59.6	60.4	60.6	60.9	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9
GE 8000		57.5	59.5	63.1	64.1	64.3	64.6	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 7000		60.3	62.5	66.1	67.2	67.4	67.7	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7
GE 6000		60.9	63.0	66.7	67.8	68.0	68.3	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.3
GE 5000		61.1	63.4	67.1	68.2	68.5	68.8	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.8
GE 4500		61.5	63.9	67.6	68.7	69.0	69.3	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.3
GE 4000		63.2	65.6	69.5	70.6	70.9	71.2	71.9	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.3
GE 3500		64.8	67.3	71.4	72.5	72.9	73.2	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3
GE 3000		70.6	73.3	77.7	78.9	79.3	79.7	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.9
GE 2500		72.9	75.8	80.4	81.7	82.1	82.5	83.3	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7
GE 2200		75.1	78.3	83.3	84.6	85.0	85.5	86.3	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.9
GE 2000		75.7	79.0	84.0	85.3	85.8	86.2	87.1	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6
GE 1800		77.1	80.4	85.7	87.1	87.5	88.0	88.9	89.0	89.2	89.4	89.4	89.4	89.5	89.5	89.6
GE 1600		78.1	81.6	87.0	88.4	88.9	89.4	90.3	90.4	90.7	90.8	90.8	90.9	90.9	90.9	91.0
GE 1400		78.5	82.1	87.8	89.3	89.8	90.5	91.4	91.5	91.8	92.0	92.0	92.1	92.1	92.1	92.2
GE 1200		78.6	82.2	88.1	89.6	90.1	90.8	91.8	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.6
GE 1000		78.7	82.4	88.5	90.2	90.8	91.5	92.8	92.9	93.2	93.3	93.4	93.4	93.5	93.5	93.6
GE 900		78.8	82.5	88.9	90.7	91.3	92.2	93.4	93.6	93.9	94.1	94.1	94.1	94.2	94.2	94.3
GE 800		78.8	82.6	89.3	91.2	91.9	92.9	94.2	94.4	94.8	94.9	94.9	95.0	95.1	95.1	95.1
GE 700		78.9	82.8	89.6	91.5	92.3	93.3	94.9	95.2	95.6	95.7	95.7	95.8	95.9	95.9	96.0
GE 600		79.0	82.8	89.8	91.8	92.6	93.8	95.6	95.9	96.4	96.6	96.6	96.7	96.8	96.8	96.9
GE 500		79.0	82.8	89.8	91.9	92.7	93.9	95.8	96.3	96.9	97.1	97.1	97.3	97.4	97.4	97.6
GE 400		79.0	82.8	89.8	91.9	92.8	94.0	96.1	96.6	97.3	97.6	97.7	97.9	98.1	98.1	98.3
GE 300		79.0	82.8	89.8	91.9	92.8	94.1	96.2	96.7	97.4	97.6	97.8	98.1	98.3	98.4	98.6
GE 0		79.0	82.8	89.8	91.9	92.8	94.1	96.2	96.7	97.4	97.6	97.8	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL	.0	62.5	63.1	63.7	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 25000	.0	70.7	71.3	72.1	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	.0	71.1	71.8	72.6	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
GE 16000	.0	71.2	71.9	72.6	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	.0	71.2	71.9	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 12000	.0	71.5	72.2	72.9	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 10000	.0	72.7	73.4	74.2	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 9000	.0	74.2	74.9	75.7	75.9	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	.0	78.6	79.6	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	.0	81.1	82.0	82.9	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
GE 6000	.0	81.5	82.3	83.3	83.6	83.6	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	.0	81.7	82.6	83.5	83.8	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 4500	.0	81.8	82.6	83.6	83.9	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	.0	83.4	84.4	85.4	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	.0	85.2	86.1	87.2	87.5	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0
GE 3000	.0	90.1	91.2	92.4	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 2500	.0	91.2	92.4	93.7	94.0	94.1	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 2000	.0	92.2	93.5	94.9	95.3	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
GE 1800	.0	92.3	93.6	95.1	95.5	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 1500	.0	92.8	94.2	95.8	96.2	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	.0	93.1	94.5	96.3	96.7	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
GE 1000	.0	93.3	94.8	96.6	97.1	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0
GE 900	.0	93.4	94.8	96.7	97.2	97.4	97.7	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 800	.0	93.4	94.9	96.8	97.4	97.6	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 700	.0	93.5	95.0	96.9	97.5	97.7	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 600	.0	93.5	95.0	97.0	97.7	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 500	.0	93.5	95.1	97.1	97.8	98.0	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	.0	93.5	95.1	97.2	97.8	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	.0	93.5	95.1	97.2	97.9	98.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
GE 200	.0	93.5	95.1	97.2	97.9	98.1	98.5	98.9	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.6
GE 100	.0	93.5	95.1	97.2	97.9	98.1	98.5	99.0	99.1	99.3	99.4	99.4	99.4	99.5	99.6	99.8
GE 0	.0	93.5	95.1	97.2	97.9	98.1	98.5	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78,80-82,84,86
MONTH: JAN

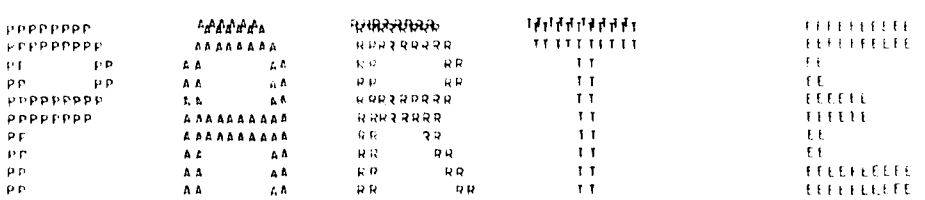
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	28.0	8.0		28.0	4.0		4.0				28.0	4.1	25
03-05	15.8	5.3		21.1	15.8	5.3	10.5				26.3	4.8	19
06-08	17.4	13.0		13.0	13.0	13.0			4.3		26.1	4.7	23
09-11	10.7	14.3		14.3	7.1	10.7			7.1	7.1	28.6	4.5	28
12-14	15.8	21.1		21.1		5.3			5.3	10.5	21.1	4.5	19
15-17	6.3	18.8			6.3	6.3	12.5		6.3	25.0	18.8	6.1	16
18-20	12.5	12.5		43.8		6.3					25.0	4.3	16
21-23	33.3	25.0		8.3	8.3	8.3			8.3		8.3	2.8	12
TOTALS	17.5	14.8		18.7	6.8	6.9	3.4		3.9	5.3	22.8	4.6	198

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78,80-81
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	7.1	21.4		7.1	14.3					14.3	35.7	5.9	14
03-05	29.4	17.6		17.6	5.9					11.8	17.6	3.8	17
06-08	25.0			8.3					8.3	8.3	50.0	6.7	12
09-11	14.8	14.8		7.4		7.4	3.7			14.8	29.6	5.6	27
12-14		10.5		10.5		10.5	5.3		5.3	10.5	47.4	7.4	19
15-17	9.1			9.1		18.2	9.1		9.1	36.4	9.1	6.5	11
18-20	17.6	5.9		29.4			5.9		11.8	5.9	23.5	5.1	17
21-23	11.8	5.9		23.5	17.6	11.8	5.9		5.9		17.6	4.8	17
TOTALS	14.4	11.0		14.1	4.7	6.0	3.7		5.1	13.2	28.8	5.7	134



TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 55 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS, BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS, BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 PERCENT INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 105							.2	.1					.0
GE 100						.2	5.2	1.4					.9
GE 95						4.4	24.1	14.8	1.6				5.3
GE 90					.7	15.3	54.4	44.9	15.3				13.8
GE 85					5.6	32.7	78.8	69.6	30.1	.9			19.1
GE 80				.6	17.2	56.8	93.5	89.5	57.5	6.8			32.9
GE 75			.8	3.9	33.4	79.9	98.8	97.4	77.1	20.0	.7		44.4
GE 70		.1	5.9	18.1	52.2	88.3	100.0	99.8	88.9	41.7	2.7		61.1
GE 65	.3	2.6	16.1	37.5	69.6	95.4		100.0	96.7	64.8	9.6	.2	74.2
GE 60	4.6	16.7	39.2	65.2	89.3	99.1			99.0	88.2	30.3	6.0	81.7
GE 55	21.6	39.8	67.9	87.6	97.1	99.9			100.0	97.3	60.7	23.5	94.7
GE 50	54.3	72.6	90.1	97.7	100.0	100.0				100.0	89.0	56.1	98.3
GE 45	82.3	92.7	98.4	99.7							98.4	83.3	99.6
GE 40	95.1	97.6	99.7	100.0							99.9	96.7	99.9
GE 35	99.5	99.3	100.0								100.0	99.6	99.9
GE 30	100.0	99.9										100.0	100.0
GE 25		100.0											100.0
MEAN	49.9	52.9	57.9	62.5	70.3	80.4	89.7	87.9	80.3	68.0	56.4	50.1	67.7
SD	5.782	6.366	7.021	7.077	8.793	8.634	6.359	6.273	8.155	7.328	6.294	5.769	15.[illegible]
TOTAL OBS	926	846	929	897	899	869	899	899	868	929	900	928	1,289

CLIMATOLOGY BRANCH
AFSC/TAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 65-87

TEMP (F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	7							.1	.1					.1
5	7						.1	.1	.1	.1				.1
0	6					.1	.1	.1	.1	.1				.1
5	6					.1	.1	.1	.1	.1	.1			.1
0	5				.1	.1	.1	.1	.1	.1	.1	.1		.1
5	5				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0	4	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	4	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0	3	2.2	2.2	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	3	4.4	3.3	2.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0	2	7.7	5.5	3.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	2	11.0	7.7	4.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0	1	16.7	13.1	8.8	2.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	1	24.2	21.0	13.1	4.4	.1	.1	.1	.1	.1	.1	.1	.1	.1
0	0	37.6	34.1	24.2	8.8	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	0	59.6	53.1	37.6	16.7	2.2	.1	.1	.1	.1	.1	.1	.1	.1
0	1	80.2	78.0	59.6	37.6	8.8	.1	.1	.1	.1	.1	.1	.1	.1
5	1	100.0	98.9	80.2	59.6	24.2	1.1	.1	.1	.1	.1	.1	.1	.1
0	2		100.0	100.0	80.2	59.6	11.0	1.1	.1	.1	.1	.1	.1	.1
5	2				100.0	80.2	37.6	4.4	1.1	.1	.1	.1	.1	.1
0	3					100.0	80.2	24.2	4.4	1.1	.1	.1	.1	.1
5	3						100.0	59.6	16.7	4.4	1.1	.1	.1	.1
0	4							100.0	59.6	16.7	4.4	1.1	.1	.1
5	4								100.0	59.6	16.7	4.4	1.1	.1
0	5									100.0	59.6	16.7	4.4	.1
5	5										100.0	59.6	16.7	.1
0	6											100.0	59.6	.1
5	6												100.0	.1
0	7													.1
MEAN		45.1	49.4	54.1	61.1	69.0	77.4	79.8	78.4	73.1	63.1	53.1	46.4	62.1
STD		7.556	7.156	6.756	7.757	6.457	5.257	5.157	5.456	6.156	6.957	7.456	7.556	6.956
ERROR		.026	.026	.025	.027	.023	.019	.019	.019	.022	.025	.026	.026	.006

GLOBAL CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-67

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]								.1					.0
[illegible]							1.3	.7					.2
[illegible]						2.9	19.1	10.3	.9				2.8
[illegible]					.3	13.1	55.1	44.4	13.6				10.5
[illegible]					5.3	79.9	96.2	91.1	37.7	.9			20.7
[illegible]				.7	19.5	67.5	98.1	97.2	67.6	10.8	.1		29.7
[illegible]		.1	1.4	7.1	44.5	88.1	99.9	100.0	90.6	37.2	1.3		38.8
[illegible]	.2	1.9	11.6	33.3	71.9	97.9	100.0		97.9	70.6	10.4	1.5	49.5
[illegible]	8.5	15.5	39.9	79.1	92.4	99.9			100.0	91.9	38.6	10.9	63.7
[illegible]	32.3	49.7	72.1	92.6	99.1	100.0				98.6	72.7	36.7	79.3
[illegible]	75.2	81.4	93.2	99.0	100.0					100.0	92.1	69.1	91.6
[illegible]	91.8	95.7	99.5	100.0							99.4	93.0	98.7
[illegible]	98.9	98.8	100.0								100.0	98.9	99.7
[illegible]	100.0	99.6										99.8	100.0
[illegible]		99.9										100.0	100.0
[illegible]		100.											100.0
MEAN	41.8	44.1	47.9	52.1	58.7	67.4	75.0	73.7	67.6	57.5	47.7	42.4	56.3
[illegible]	5.376	5.545	5.489	5.106	6.536	6.435	4.857	4.628	5.999	5.562	5.488	5.618	12.893
TOTAL OBS	926	846	929	897	899	869	899	899	868	929	900	928	10789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AP SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*73	64	*52	
58	*57	*69	*71	82	86	97	100	97	92	81	69	64	100
59	63	67	69	74	80	90	101	96	80	77	67	57	101
60	*66	74	79	*77	92	97	98	95	93	66	65	55	98
61	54	69	76	74	89	94	96	97	93	78	67	61	97
62	61	64	62	68	83	92	96	99	94	82	60	60	99
63	56	51	65	72	82	96	95	97	87	82	64	54	97
64	59	64	69	77	89	94	96	95	94	83	67	59	96
65	57	60	76	77	90	99	98	103	90	76	66	60	103
66	61	61	69	75	87	95	104	101	99	74	63	58	104
67	59	64	73	77	83	96	106	96	91	80	70	61	106
68	61	59	74	77	83	101	101	97	90	87	71	59	101
69	61	56	63	76	83	95	101	99	84	74	65	59	101
70	57	63	66	61	88	94	98	94	95	85	76	58	98
71	57	68	62	71	75	91	100	98	93	82	66	62	100
72	55	57	64	73	89	93	96	93	82	71	64	60	96
73	57	62	64	75	86	91	98	100	93	75	69	59	100
74	60	60	73	71	91	91	100	100	87	78	66	64	100
75	60	64	66	78	75	91	102	104	82	86	71	57	104
76	69	66	78	77	86	95	98	105	87	80	62	62	105
77	57	64	75	82	84	91	100	96	93	84	69	62	100
78	59	66	71	73	78	82	104	98	95	86	69	66	104
79	60	62	69	69	84	*93	102	98	93	82	70	*69	102
80	64	64	73	75	77	95	100	100	93	86	72	59	100
81	63	64	75	76	82	100	102	93	93	82	75	63	102
82	57	64	66	73	84	97	104	97	88	75	66	61	104
83	64	61	73	73	79	97	100	95	95	82	64	64	100
84	*57	64	64	75	77	91	102	95	*99	79	64	61	102
85	61	63	68	77	79	99	100	99	99	84	73	64	100
86	55	61	72	70	90	99	102	99	97	79	66	57	102

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	57	68	68	82									
MEAN	59.4	63.1	69.8	75.0	83.7	94.0	100.0	97.8	91.1	79.9	67.2	60.2	100.8
S.D.	3.366	4.337	4.870	3.631	5.219	4.145	2.777	3.004	4.919	4.933	3.945	2.885	2.769
TOTAL OBS	926	946	929	897	899	869	899	899	868	929	900	928	10789

NOTES * (BASED ON LESS THAN FULL MONTH)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*39	32	*27	
58	*22	*26	*28	32	43	49	52	51	56	41	32	34	*2.
59	30	31	36	41	39	47	57	56	52	43	35	30	3.
60	*25	26	37	*34	39	55	54	53	49	37	30	26	*25
61	25	31	34	39	44	44	53	54	49	39	32	24	24
62	27	27	24	32	34	39	50	52	47	38	22	11	11
63	23	3	26	29	37	41	48	48	49	39	33	22	3
64	22	26	25	33	41	45	54	50	47	29	28	21	2.
65	22	19	23	31	41	42	51	47	39	42	2.	25	19
66	28	32	27	30	35	44	50	49	43	32	25	2.	2.
67	21	25	2.	28	35	42	50	46	43	31	31	17	17
68	15	24	28	28	33	37	50	51	41	38	26	2.	15
69	19	21	26	32	39	39	50	49	40	37	24	19	19
70	26	24	21	26	28	44	51	53	45	28	30	17	17
71	12	24	17	35	35	39	51	44	39	37	21	21	12
72	17	26	28	24	30	37	48	46	39	33	24	24	17
73	19	19	19	21	35	46	51	53	37	35	28	24	19
74	26	26	24	33	33	42	50	44	37	24	21	24	21
75	21	30	26	26	32	39	53	46	39	30	24	21	21
76	24	24	24	32	37	42	54	55	44	33	24	30	24
77	28	32	21	30	33	39	46	44	46	41	24	5	5
78	24	19	26	26	35	39	46	46	42	37	28	21	19
79	26	19	24	30	33	*46	56	51	39	37	27	*15	*15
80	25	28	27	30	36	46	45	54	46	32	27	19	19
81	12	18	30	30	41	41	48	52	39	32	34	28	12
82	30	30	28	32	32	46	50	54	45	36	29	27	27
83	21	14	27	35	32	42	52	54	48	36	36	27	14
84	*27	21	23	36	34	39	52	49	*37	37	25	25	21
85	14	30	27	32	34	45	48	48	48	39	21	27	14
86	25	21	28	29	36	45	55	54	50	39	30	27	21

NOTES * (BASED ON LESS THAN FULL MONTH)
(AT LEAST ONE DAY LESS THAN 20 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	27	25	27	32									
MEAN	22.6	23.8	26.3	31.8	35.7	42.7	50.8	50.1	44.0	35.6	27.5	22.5	18##
S.D.	5.132	6.243	4.374	4.143	3.854	3.999	2.734	3.593	4.914	4.547	4.337	4.127	5.570
TOTAL OBS	926	846	929	897	899	869	899	899	868	925	900	928	10##*

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87

HOURS EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	37.3	40.0	43.5	46.4	51.4	60.9	68.5	67.6	63.5	53.1	44.4	40.4	51.5
03-05	SD	6.721	7.179	5.924	5.253	6.262	6.795	6.494	5.361	6.652	6.432	6.974	7.210	12.536
	TOT OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
	MEAN	35.6	37.9	40.7	43.2	47.9	56.1	62.6	62.5	59.1	50.2	42.5	38.8	48.1
06-08	SD	7.137	7.459	6.200	5.390	6.100	6.034	5.905	5.014	6.122	6.491	7.355	7.649	11.419
	TOT OBS	929	846	929	900	930	900	930	929	900	930	898	930	10951
	MEAN	34.6	36.5	38.9	42.4	48.3	57.1	62.4	61.2	57.2	48.5	41.4	38.0	47.3
09-11	SD	7.511	7.970	6.587	5.397	5.945	6.176	5.877	4.982	5.911	6.777	7.627	8.093	11.726
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	37.3	40.2	45.9	50.9	57.5	68.4	75.6	73.3	67.9	56.1	45.9	40.4	55.0
12-14	SD	7.082	7.447	6.214	5.475	6.538	6.946	6.287	5.717	7.051	6.803	7.222	7.546	14.680
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	45.1	48.0	54.1	57.7	63.8	76.2	84.7	82.8	77.8	65.3	54.2	47.8	63.2
15-17	SD	5.803	6.227	6.170	6.427	7.924	8.063	7.194	6.265	7.596	6.860	6.530	5.975	15.232
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
	MEAN	48.7	51.6	57.6	60.2	66.4	79.6	88.9	87.3	82.1	68.6	57.2	50.8	66.7
18-20	SD	5.869	6.438	6.765	7.413	8.723	8.840	7.813	6.487	8.009	7.586	6.895	5.757	15.767
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	43.6	47.8	54.1	57.3	64.1	77.4	87.1	84.7	77.6	62.9	51.0	45.5	62.9
21-23	SD	5.894	6.421	7.017	7.269	8.405	9.231	8.042	6.781	8.941	7.606	6.740	6.512	16.613
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	39.4	42.5	47.1	50.1	56.0	67.1	75.6	73.6	68.0	56.1	46.4	42.1	55.4
00-23	SD	5.982	6.550	5.825	5.559	6.783	7.747	7.038	5.727	7.032	6.206	6.496	6.625	13.909
	TOT OBS	930	846	930	899	930	900	930	930	900	930	899	930	10954
	MEAN	40.2	43.1	47.7	51.0	56.9	67.8	75.7	74.1	69.1	57.6	47.9	43.0	56.3
ALL	SD	8.065	8.651	9.003	9.819	9.926	11.515	11.997	11.066	11.246	9.670	8.764	8.171	15.661
HOURS	TOT OBS	7439	6768	7439	7199	7439	7200	7440	7438	7200	7440	7197	7440	87639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	35.3	37.4	40.2	42.8	47.2	53.9	56.1	55.8	54.8	48.1	41.4	38.3	46.0
	SD	6.719	7.200	5.694	5.098	5.382	4.734	4.414	4.758	5.624	5.924	6.744	7.200	9.431
	TOT OBS	930	846	930	900	929	900	930	930	900	927	900	930	10952
03-05	MEAN	33.9	35.8	38.1	40.5	44.8	51.2	53.6	53.7	52.6	46.2	39.9	36.9	44.0
	SD	7.045	7.578	6.059	5.251	5.631	4.823	4.507	4.890	5.629	6.250	7.111	7.637	9.347
	TOT OBS	929	846	929	900	930	900	930	929	900	927	898	930	10948
06-08	MEAN	33.0	34.7	36.8	40.0	45.3	52.1	54.1	53.3	51.7	45.0	39.1	36.2	43.5
	SD	7.361	8.028	6.384	5.350	5.524	4.650	4.440	4.752	5.622	6.593	7.477	7.985	9.785
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
09-11	MEAN	35.2	37.6	41.9	45.6	50.7	57.8	60.5	60.0	58.0	50.2	42.5	38.3	48.2
	SD	6.826	7.408	5.664	4.862	5.038	4.437	3.641	3.857	4.957	5.734	6.849	7.393	10.543
	TOT OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
12-14	MEAN	40.7	42.6	46.4	48.8	53.1	60.0	62.9	62.9	61.7	54.9	47.8	43.5	52.2
	SD	5.259	5.970	5.320	4.877	5.029	4.406	3.527	3.400	4.344	4.596	5.589	5.581	9.304
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
15-17	MEAN	42.8	44.4	47.7	49.7	53.9	60.5	63.1	63.1	62.0	55.7	49.2	45.3	53.2
	SD	4.927	5.769	5.219	4.764	4.815	4.151	3.235	3.161	4.053	4.486	5.478	5.207	8.668
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
18-20	MEAN	39.8	42.4	46.0	48.5	52.9	59.7	62.2	61.8	60.0	53.2	45.8	42.1	51.2
	SD	5.490	6.064	5.351	4.785	4.946	4.235	3.151	3.296	4.503	5.077	6.017	5.995	9.324
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
21-23	MEAN	36.9	39.2	42.3	45.1	49.5	56.3	58.3	57.7	56.2	49.6	42.7	39.7	47.8
	SD	6.056	6.587	5.262	4.842	5.180	4.420	3.916	4.152	4.948	5.320	6.307	6.628	9.255
	TOT OBS	930	846	930	899	930	900	930	930	900	926	899	930	10950
ALL HOURS	MEAN	37.2	39.3	42.4	45.1	49.7	56.4	58.8	58.6	57.1	50.4	43.6	40.0	48.3
	SD	7.066	7.617	6.764	6.100	6.184	5.675	5.325	5.540	6.217	6.664	7.332	7.418	10.075
	TOT OBS	7439	6768	7439	7199	7439	7200	7440	7438	7200	7419	7197	7440	87618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 082770 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	32.4	33.8	35.9	38.8	43.0	48.0	45.7	45.9	47.5	43.1	37.8	35.5	40.6
00-02	SD	8.085	9.061	7.516	7.087	6.583	6.491	7.160	8.131	8.063	7.606	8.234	8.503	9.365
	TOT OBS	930	846	930	900	929	900	930	930	900	927	900	930	10952
	MEAN	31.2	32.6	34.7	37.2	41.7	46.9	45.6	45.9	46.9	42.0	36.7	34.2	39.7
03-05	SD	8.244	9.339	7.538	6.732	6.490	6.212	6.704	7.815	7.593	7.741	8.394	8.934	9.518
	TOT OBS	929	846	929	900	930	900	930	929	900	927	898	931	10948
	MEAN	30.4	31.7	33.9	37.0	42.3	47.7	46.8	46.4	46.8	41.2	36.0	33.6	39.5
06-08	SD	8.474	9.651	7.514	6.755	6.369	6.050	6.201	7.244	7.301	7.917	8.728	9.161	9.659
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	32.2	34.0	37.1	40.6	44.5	49.6	49.6	50.5	50.5	44.8	38.7	35.4	42.3
09-11	SD	7.937	9.053	7.314	7.068	6.225	6.309	5.584	6.031	6.581	7.181	8.277	8.617	9.769
	TOT OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
	MEAN	35.2	36.1	38.0	39.8	43.8	48.1	47.7	49.3	50.5	46.2	41.3	38.6	42.9
12-14	SD	7.346	8.622	8.124	7.517	6.222	6.444	5.984	6.283	6.690	6.668	7.952	7.711	6.828
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
	MEAN	35.7	35.8	37.2	39.2	42.9	46.3	44.7	46.0	47.8	45.0	41.2	39.1	41.8
15-17	SD	7.534	9.076	8.164	7.439	6.141	6.506	5.709	6.516	6.844	6.781	8.243	7.746	8.344
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	34.8	35.8	37.2	39.6	42.8	46.3	44.1	44.8	46.7	44.5	40.2	37.9	41.3
18-20	SD	7.493	8.951	7.878	7.546	6.648	6.863	5.953	7.343	7.172	7.396	8.046	7.889	8.459
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	33.3	34.7	36.5	39.6	43.4	47.6	44.6	44.7	46.4	43.2	38.5	36.4	40.6
21-23	SD	7.762	8.811	7.564	7.317	6.829	6.939	7.112	8.231	7.784	7.599	8.127	8.213	8.977
	TOT OBS	930	846	930	899	930	900	930	930	900	926	899	930	10950
	MEAN	33.1	34.3	36.3	38.9	43.1	47.6	46.1	46.7	47.9	43.8	38.8	36.4	41.1
ALL	SD	8.071	9.193	7.814	7.268	6.488	6.559	6.562	7.497	7.437	7.533	8.458	8.572	9.225
HOURS	TOT OBS	7439	6768	7439	7199	7439	7200	7440	7438	7200	7419	7197	7440	87618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.7	96.2	81.7	61.8	34.3	83.0	931
	03-05	100.0	100.0	100.0	100.0	99.7	97.8	87.2	64.2	39.1	84.5	929
	06-08	100.0	100.0	100.0	99.9	99.7	98.3	90.2	67.0	41.7	85.2	931
	09-11	100.0	100.0	100.0	99.8	99.2	94.8	80.0	60.1	32.4	82.4	931
	12-14	100.0	100.0	99.9	96.3	86.3	66.9	48.2	30.4	12.6	70.2	931
	15-17	100.0	100.0	98.1	89.6	71.9	52.2	37.3	18.3	8.2	63.1	931
	18-20	100.0	100.0	99.6	97.8	90.8	76.7	55.8	34.3	14.8	72.8	931
	21-23	100.0	100.0	100.0	99.6	98.4	91.4	71.2	49.4	26.2	79.4	931
	TOTALS	100.0	100.0	99.7	97.9	93.2	84.5	69.0	48.2	26.2	77.6	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.2	96.8	89.2	72.3	52.5	23.3	79.3	846
	03-05	100.0	100.0	100.0	99.6	98.3	94.2	80.5	58.9	27.3	81.7	846
	06-08	100.0	100.0	100.0	100.0	98.9	96.3	83.6	62.1	33.0	83.2	846
	09-11	100.0	100.0	100.0	99.6	98.0	90.1	73.5	50.7	22.2	79.4	846
	12-14	100.0	100.0	98.9	93.1	79.0	58.9	38.2	16.9	7.7	65.0	846
	15-17	100.0	99.1	96.6	82.4	60.9	39.7	23.6	12.4	5.2	57.4	846
	18-20	100.0	99.8	98.3	92.6	78.0	60.0	40.4	19.3	7.0	65.2	846
	21-23	100.0	100.0	99.9	98.6	94.2	81.7	62.5	40.2	14.9	75.1	846
	TOTALS	100.0	99.9	99.2	95.6	88.0	76.2	59.3	39.1	17.6	73.3	6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.1	93.5	80.8	63.8	42.9	21.2	75.7	93
	03-05	100.0	100.0	100.0	99.9	98.6	89.7	71.6	52.4	32.3	80.1	[illegible]
	06-08	100.0	100.0	100.0	99.9	99.1	96.2	78.3	59.[illegible]	35.1	82.4	93
	09-11	100.0	100.0	99.9	98.5	90.2	76.3	56.9	35.1	16.1	72.8	93
	12-14	100.0	99.6	97.5	82.9	60.5	36.6	22.4	9.6	3.4	56.8	93
	15-17	100.0	99.4	89.6	69.4	39.0	21.5	12.4	5.5	1.5	48.9	93
	18-20	100.0	99.8	94.7	78.6	54.5	36.7	22.8	10.0	3.1	55.3	93
	21-23	100.0	100.0	99.8	94.2	82.8	66.5	47.4	27.0	11.4	68.6	93
	TOTALS	100.0	99.9	97.7	89.8	77.5	63.3	47.1	33.2	15.5	67.6	7435

[illegible] CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY
[illegible] FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATE & NAME: [illegible] AB [illegible] PERIOD OF RECORD: 7[illegible]87
MONTH - APR

HOUR (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
	1%	[illegible]%	[illegible]%	[illegible]%	[illegible]%	[illegible]%	[illegible]%	[illegible]%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[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]	[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]	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 08227O STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: [illegible]
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible]
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	98.9	91.9	80.4	66.2	38.8	15.1	74.4	[illegible]
	03-05	100.0	100.0	100.0	100.0	98.7	91.1	78.9	51.2	22.9	[illegible]	[illegible]
	06-08	100.0	100.0	100.0	100.0	99.4	92.4	79.1	52.8	24.7	[illegible]	[illegible]
	09-11	100.0	100.0	99.9	95.6	81.1	52.7	33.5	13.2	3.3	[illegible]	[illegible]
	12-14	100.0	100.0	93.2	71.6	44.2	21.2	11.0	4.0	.8	[illegible]	[illegible]
	15-17	100.0	98.4	81.0	52.7	32.7	18.1	10.2	2.9	.4	45.	[illegible]
	18-20	100.0	98.4	86.8	62.2	40.0	23.0	13.7	5.8	1.9	[illegible]	[illegible]
	21-23	100.0	99.9	98.4	92.0	79.2	60.3	39.8	18.9	6.1	[illegible]	[illegible]
	TOTALS	100.0	99.6	94.9	84.2	70.9	54.9	41.6	23.5	9.4	63.4	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NAME, LOCATION AND SPAIN

PERIOD OF RECORD
MONTHS AND

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN

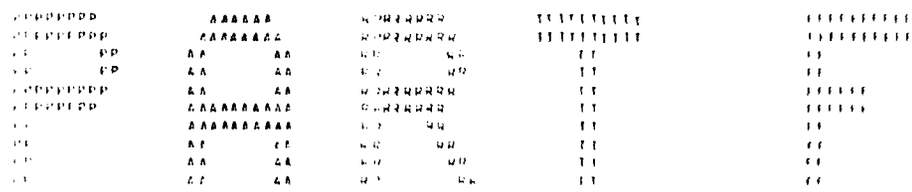
PERIOD OF RECORD: [illegible]
MONTH: JAN

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	N/A
		[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]	[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]	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY
[illegible] FROM HOURLY OBSERVATIONS
[illegible] [illegible] ATION SERVICE/MAC

[illegible] [illegible] [illegible] STATION NAME [illegible]TOWNSEND AP [illegible]TRAIN PERIOD OF RECORD: [illegible]77-87
MONTH: ALL

[illegible]	[illegible]	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	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]	[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]	[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]	[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]	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

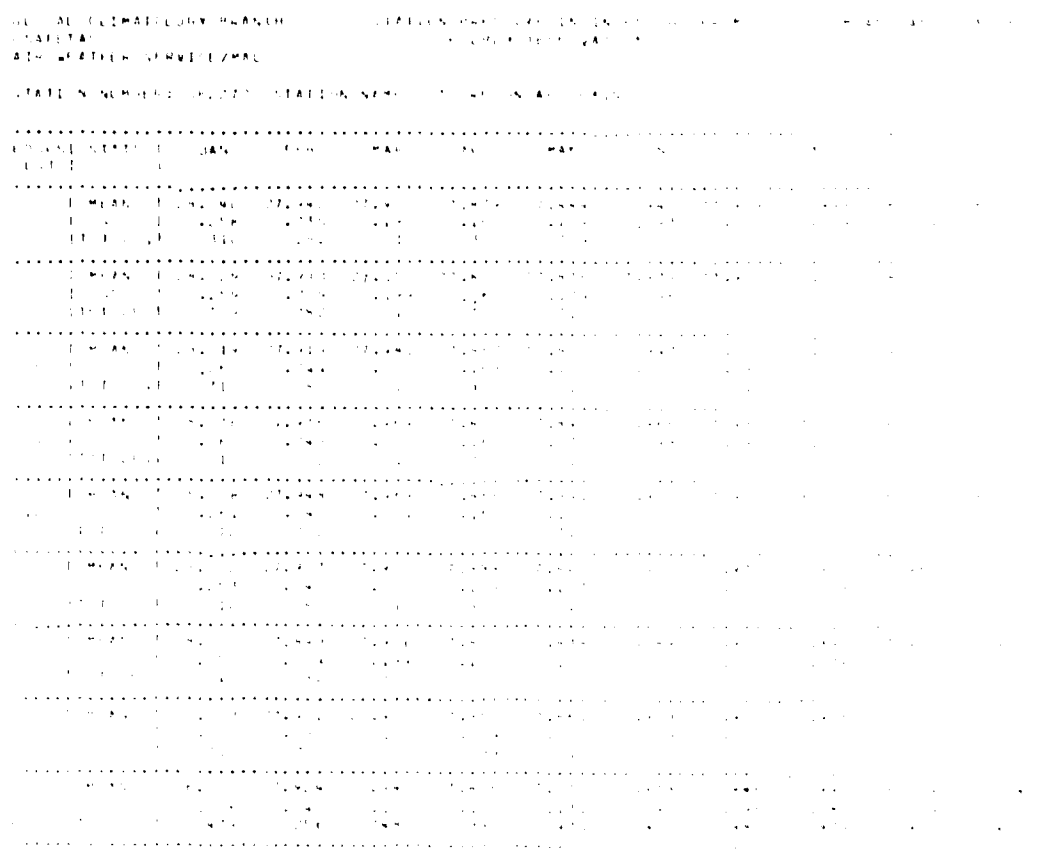
PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.



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