

AD-A122 712

HELLENIKON AB GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 29 JUL 82

1/5

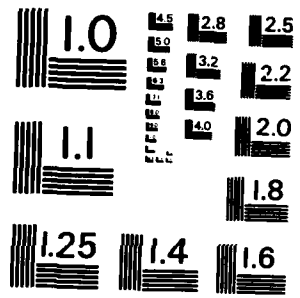
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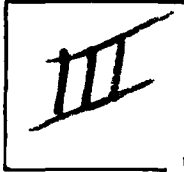
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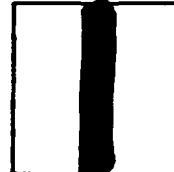
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USAFETAC DS-82/046

**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

FD-411
SCOTT AFB, IL 62228

10 2 AUG 1982

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

HELLENIKON AB, GR
N 37 54 E 023 44

90 FT

MSG#167160
LGAT

PARTS A, C-F
POR FROM HOURLY OBS JAN 73 - DEC 81

TIME CONVERSION GMT TO LST: +2

JUL 29 1982

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 82/046	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
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		6. PERFORMING ORG. REPORT NUMBER
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO Snowfall Climatology Surface Winds Relative Humidity	Daily temperatures Extreme snow depth Sea-level pressure Extreme temperature *Climatological data	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over)
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for HELLENIKON AB, GREECE It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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

GREECE

HELLENIKON AB, GREECE

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

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and the manner of presentation. Summaries are prepared from hourly and daily observations recorded by stations operating the revised form and those foreign stations with similar reporting practices.

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
167160	HELLENIKON AB GR	N 37 54	E 23 44	90 FT	LGAT	167160

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL (FT)		OBS PER DAY
			FROM	TO			STATION (FT)	SEA LEVEL BAROMETER	
1	Hassina Apt, Athens Greece	AAF Greek Met. Service "	Nov 44	Apr 46	N 37 54	E 23 44	82	92	17 + 024
2	Athina Apt, Athens Greece		Jan 61	Dec 66	No Change	E 23 44	108	N/A	24
3	HELLENIKON AB GREECE		JAN 67	DEC 81	No Change	No Change	90	N/A	No Change

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 44 to Apr 46	Not Available	N/A	N/A	N/A	
2	Jan 61 to Dec 66	Not Available	N/A	N/A	N/A	
3	Jan 67 to Dec 81	Not Available	N/A	N/A	N/A	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

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

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

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

67100 HELLENIKON AB GR 73-81 JAN
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.2	9.8		.4		10.2	1.7				1.7	607
	03-05	.2	9.2		.5		9.7	1.6	.1			1.7	608
	06-08		8.8		.6		9.4	3.8	1.0			4.8	617
	09-11	.2	7.2		.7		7.9	4.3	2.6			6.9	608
	12-14	.1	8.0		.5		8.5	1.0	1.1			2.1	600
	15-17		7.4		.4		7.8	.2	.2			.5	612
	18-20	.4	9.9		.4		10.1	.5				.5	618
	21-23	.2	8.4		.2		8.6	1.6	.2			1.8	617
TOTALS		.2	8.6		.5		9.0	1.8	.7			2.5	6487

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12/5

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16-150 HELLENIKON AB GR 73-81 FEB
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02	.1	7.5		.1		7.6	2.2	.1			7.3	737
	03-05		8.8		.4		9.2	4.2	.8			5.0	738
	06-08	.3	7.0		.7		7.7	5.6	.7			6.2	738
	09-11	.3	9.0		.8		9.8	5.4	2.8			8.2	744
	12-14		6.8				6.8	.5	.9			1.5	737
	15-17	.5	6.2		.1		6.3	.7	.3			.9	742
	18-20	.3	9.2		.3		9.4	.8				.8	742
	21-23	1.1	8.2		.3		8.4	.8	.1			.9	748
TOTALS		.3	7.8		.3		8.2	2.5	.7			3.2	5926

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

6160
 STATION

HELLENIKON AE GR
 STATION NAME

73-81
 YEARS

MAP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAP	00-02	.1	5.5		.1		5.6	3.5	.1			3.0	836
	03-05	.2	5.6				5.6	6.6	.2			5.6	824
	06-08	.7	5.1				5.1	12.9	1.7			14.0	848
	09-11	.2	5.1				5.1	9.3	5.0			14.3	817
	12-14	.6	4.9				4.9	2.1	1.7			7.8	812
	15-17	.4	3.3		.2		3.4	.5	1.4			1.8	815
	18-20	.5	5.3				5.3	1.0	1.6			7.6	825
	21-23	.5	6.3				6.3	1.0	.1			7.1	812
TOTALS		.4	5.1		.0		5.2	4.6	1.5			6.1	6468

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4160 HELLINIKON AB GR 73-81 2 P
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	.1	4.4				4.4	1.4	.4			1.8	779
	03-05		3.1				3.1	3.3	.4			3.7	779
	06-08	.4	4.5				4.5	10.6	3.1			13.7	781
	09-11	.5	5.5				5.5	4.7	4.1		.1	8.8	782
	12-14	.1	3.0				3.0	1.9	2.3		.1	4.4	779
	15-17		5.0				5.0	1.5	1.5			3.1	777
	18-20	.1	4.6				4.6	1.0	2.2		.1	3.3	785
	21-23	.3	4.5				4.5	.9	.5			1.4	783
TOTALS		.2	4.3				4.3	3.2	1.8		.0	5.0	6245

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

18-18
 STATION

HELLENIKON AP GR
 STATION NAME

73-81

YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	1.6				1.6	1.1				1.1	815
	03-05	.1	1.3				1.3	3.4	.2			3.7	817
	06-08	.6	2.0				2.0	8.5	6.4			14.8	813
	09-11	.4	1.8				1.8	2.5	2.7			5.2	826
	12-14	1.1	2.3				2.3	1.1	.5			1.5	818
	15-17	1.5	4.1				4.1	.9	.5			1.4	811
	18-00	.1	3.0				3.0	.1	.5			.6	820
	21-23		2.9				2.9	.4				.4	819
TOTALS		.5	2.4				2.4	2.3	1.4			3.6	6530

FEDERAL CLIMATOLOGY BRANCH
 WAFB/STAC
 AIR WEATHER SERVICE/MHC

WEATHER CONDITIONS

06-18 HELLENIKON AB GP 73-81 JUN
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.1	.3				.3	.5				.5	764
	03-05	.1	.8				.8	3.6	.8			4.4	770
	06-08	.1	1.0				1.0	5.6	5.9			11.5	792
	09-11	.3	1.4				1.4	.9	1.4			2.3	762
	12-14	.4	.6				.6		.5			.5	780
	15-17	.6	.8				.8		.3			.3	777
	18-20	.4	.9				.9	.4	.4			.5	780
	21-23	.3	.9				.9		.1			.1	791
TOTALS		.3	.8				.8	1.4	1.2			2.5	6256

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16167 HELLENIKON AF GP 73-81 JUL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	0-22		.4				.4	.6	.4			1.0	797
	23-25		.1				.1	1.5	.9			2.4	792
	26-28		.1				.1	4.6	6.6			11.2	785
	29-31							.8	2.3			3.6	778
	12-14	.4	.4				.4	.3	1.7			1.3	791
	15-17		.1				.1	.3	.8		.1	1.1	798
	18-20	.1	.4				.4	.3	.4			.6	794
	21-23	.3	.6				.6	.4	.4			.8	793
TOTALS		.1	.3				.3	1.1	1.7		.1	2.8	6323

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16180 HELLENIKON AS GP 73-81 AUG
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	01-02	.3	.5				.5	.5	.1			.6	791
	03-05							1.3	.1			1.4	789
	06-08							4.2	4.3			8.4	793
	09-11							1.1	2.7			3.8	795
	12-14	.4	.5				.5	.1	1.1			1.3	795
	15-17	.4	.6				.6	.1	.5		.1	.7	801
	18-20	.7	.6				.6	.1	.6			.7	804
	21-23	.7	1.0				1.0	.5	.1			.6	805
TOTALS		.3	.4				.4	1.0	1.2		.0	2.2	6303

FEDERAL BUREAU OF SURVEY
SERIAL CLIMATOLOGY BRANCH
WAFBETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15 160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-07	.1	1.5				1.5	1.0	.1			1.2	776
	08-05	.4	1.0				1.0	1.0				1.0	775
	06-06	.3	.4				.4	5.7	3.8			9.0	768
	09-11	.3	.4				.4	3.0	4.7			7.7	791
	12-14	.1	1.3				1.3		1.0			1.0	795
	15-17	.4	1.1				1.1	.5	1.7			1.5	791
	18-20	.5	1.3				1.3	.5	1.1			1.5	790
	21-23	.4	1.3				1.3	.6	.3			.9	766
TOTALS		.3	1.0				1.0	1.5	1.5			3.0	6272

FEDERAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

19 73
 STATION

HELLENIKON AB GP
 STATION NAME

73-81
 YEARS

01
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
01	00-02	.9	4.3				4.3	3.5	.4			3.6	809
	03-05	1.0	4.9				4.9	4.2	.4			4.6	811
	06-08	1.0	6.5				6.5	6.6	1.7			2.3	816
	09-11	.5	4.5				4.5	5.0	3.8			8.8	816
	12-14	.9	4.4				4.4	1.8	2.1			0.9	813
	15-17	1.6	4.2				4.2	1.1	1.9			3.0	805
	18-20	1.2	4.4				4.4	.5	1.7			2.2	813
	21-23	1.1	4.2				4.2	1.1	1.0			2.1	817
TOTALS		1.0	4.7				4.7	3.0	1.6			4.6	6500

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16 25 HELLINIKON A3 GR 73-81 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	0-22	.9	7.0				7.0	3.7	.1			7.8	762
	23-25	1.2	5.8				5.4	5.1				5.1	779
	26-28	.9	7.3				7.0	5.9	.5			6.5	761
	29-31	.5	4.7		.1	.1	4.9	5.5	1.9			7.3	793
	12-14	.6	5.1				5.1	1.2	.5			1.7	779
	15-17		5.6				5.6	.4				.4	754
	18-20	.9	6.9				6.9	1.1				1.1	798
	21-23	.9	5.2				6.2	1.4	.3			1.5	797
TOTALS		.7	6.1		.1	.1	6.0	3.0	.4			3.4	6287

FEDERAL CLIMATOLOGY BRANCH
 PETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

6 HELLINIKON AB GP 73-81 DEC
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	0-22	.6	8.4				8.4	2.7	.1			7.3	623
	23-25	.6	8.8				6.6	2.6	.1			2.7	507
	26-28	.7	7.8				7.8	3.5				3.5	603
	29-31	.2	8.9				8.9	4.6	1.3			6.7	519
	12-14	.2	6.4				8.4	1.7	1.0			2.7	615
	15-17	.2	6.4				6.4	1.1	.2		.1	1.5	601
	18-21	.6	7.7				7.3	.9	.2			1.2	517
	21-23	1.1	7.1				7.1	1.2	.2			1.5	516
TOTALS		.5	7.9				7.9	2.3	.4		.0	2.7	6457

USAF/PETAC FORM 0-10-5 (OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

64161
STATION

HELLENIKON AB GP
STATION NAME

73-81
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	3.6		.5		9.0	1.8	.7			3.5	6487
FEB		.3	7.8		.3		6.2	2.5	.7			3.2	3926
MAR		.4	5.1		.0		5.2	4.6	1.5			6.1	6468
APR		.2	4.3				4.3	3.2	1.8		.0	5.0	6245
MAY		.5	2.4				2.4	2.3	1.4			3.6	6539
JUN		.3	.8				.8	1.4	1.2			2.5	6256
JUL		.1	.3				.3	1.1	1.7		.0	2.3	6323
AUG		.3	.4				.4	1.0	1.2		.0	2.2	6363
SEP		.3	1.0				1.0	1.5	1.5			3.0	6272
OCT		1.0	4.7				4.7	3.0	1.6			4.6	6500
NOV		.7	6.0		.0	.0	6.0	3.0	.4			3.4	6287
DEC		.5	7.9				7.9	2.3	.4		.0	2.7	6462
TOTALS		.4	4.1		.1	.0	4.2	2.3	1.2		.0	3.3	76148

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

- * 1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	6.9	6.9	4.3	1.0	1.0						20.8	9.6
NNE	.4	4.1	3.5	3.0	1.4	.6	.1					13.0	10.8
NE	.5	3.6	1.5	1.4	.2	.1						7.3	8.2
ENE	1.0	3.6	2.1	1.0	.7							8.4	8.7
E	.2	1.6	.6	.6	.2							3.3	8.4
ESE	.1	1.6	.2	.4								2.4	6.1
SE	.2	.7	.4	.1	.2	.1						1.9	9.1
SSE	.4	.7	.7	.4								2.2	7.1
S		.2	.5	1.2	1.1	.2						3.3	15.0
SSW		.1	.4	.5	.5	.1						1.6	14.1
SW			.4	.6	.1							1.1	13.8
WSW		.2		.4								.6	9.0
W		.1	.4		.1							.6	10.0
WNW		.2	.2	.1	.2							.9	11.6
NW		1.2	.9	1.0	.9							4.0	11.0
NNW	.4	1.9	.7	1.4	.5							4.8	9.1
VARBL												23.6	
CALM													
	3.8	27.0	19.5	16.4	7.3	2.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

806

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH
 0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.3	4.6	5.1	2.4	.6						19.1	10.3
NNE	1.0	3.0	4.1	3.2	1.9	.9	.2					14.3	11.4
NE	1.5	3.7	.7	.6	.2	.4						7.2	7.0
ENE	1.6	3.7	1.6	.4	1.1							8.4	7.5
E	.5	1.4	.2	1.0	1.2							4.3	11.0
ESE	.5	.1	.4	.1								1.1	6.0
SE	.1	.1	.5	.1								.9	7.4
SSE		.7	.4	.5	.2							1.9	9.9
S	.1	.2	.4	.7	.7	.1						2.4	13.3
SSW			.6	1.2	.6	.1	.2					2.9	15.4
SW		.1	.5	.4	.4							1.4	12.7
WSW	.1	.4	.1	.1	.1							.7	7.7
W		.6		.1	.1							.9	8.3
WNW		.1										.1	4.0
NW	.1	.5	.6	1.4	.7	.2						3.6	13.2
NNW	.4	2.7	2.9	1.1	.2	.2		.1				7.7	9.0
VARBL													
CALM												23.3	
	7.1	22.8	17.6	16.0	10.0	2.6	.5	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	5.7	6.4	1.0	.7	.1					19.4	10.6
NNE	.9	3.3	3.2	3.6	1.5	.6	.4					13.5	11.1
NE	1.2	4.2	1.0	.9	.5	.2						8.0	7.2
ENE	1.0	5.9	.7	1.6		.1						9.4	6.7
E	.4	1.9	.7	1.2	.2	.7						5.2	10.7
ESE	.4	.4	.5	.1	.1							1.5	7.9
SE			.7	.1								.9	10.1
SSE	.1	.7	.6	1.0	.1							2.6	9.7
S	.2	.1	.1	1.2	.4							2.1	12.5
SSW			.5	1.4	.7	.1						2.7	14.6
SW	.1	.4	.5	.5	.1	.1						1.7	11.1
WSW		.4	.2	.1	.1							.9	8.4
W		.2	.1			.1	.1					.6	14.6
WNW		.1	.2	.2	.4							1.0	13.5
NW	.2	.4	.9	.6	.4							2.5	10.3
NNW	.6	1.5	2.2	1.6	.5		.2					6.7	9.9
VARBL		.1										.1	4.0
CALM												21.4	
	6.0	24.2	18.0	20.6	6.0	2.8	.9					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF- WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
OURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	5.1	4.9	5.9	3.4	.3	.1	.3				20.9	11.2
NNE	.6	2.5	1.9	4.0	2.3	.4		.1				11.8	12.2
NE	.6	.9	.6	1.6	.5	.1						4.4	10.4
ENE	.6	1.1	1.3	2.4	.6	.1						6.1	10.7
E	.1	.5	.4	1.3	.6							2.9	12.1
ESE		.5	.1	.5	.1	.1						1.4	10.6
SE	.3	.6	.5	.6	.1							2.1	8.9
SSE	.1	.4	.6	1.4	.4	.1						3.0	11.9
S		.3	.8	.8	.5	.1						2.4	12.8
SSW		.3	.1	.9	.8	.1						2.1	14.7
SW		.3	.4	.9	.1	.1						1.8	12.7
WSW	.1	.3	.3	.1	.4	.1						1.3	12.1
W	.1	.3	.1	.3	.1							.9	10.3
WNW	.4	1.8	.8	.5	.1							3.5	7.5
NW	.6	1.1	.6	1.3	.3		.1					4.0	9.8
NNW	.1	1.5	2.5	1.1	.8	.4		.1				6.5	11.0
VARBL												24.9	
CALM													
	4.8	17.3	15.8	23.4	11.0	2.0	.3	.5				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

798

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160

HELLENIKON AB GR

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.5	3.1	8.3	3.5	.4		.1				18.1	13.1
NNE		.8	2.0	5.4	2.8	.5		.3				11.7	14.9
NE	.1	.4	1.3	1.0	.9	.1						3.8	12.3
ENE		.6	.3	1.6	.5							4.0	12.0
E		.3	.3	.5	.5	.1						1.6	14.1
ESE	.1	.1	.6	.5								1.4	9.2
SE	.1	.3	.1	.5	.1							1.1	10.9
SSE	.1	.9	1.3	1.3	.5	.3						4.3	11.4
S	.3	.9	.6	2.1	.4	.1						4.4	11.5
SSW	.4	1.0	.3	.9	.8							3.3	10.5
SW	.1	1.3	.9	1.0								3.3	8.2
WSW	.4	2.5	.4	.1	.1							3.5	6.0
W	.9	4.9	1.4	1.4		.1						8.7	7.0
WNW	.9	2.8	.5	.8	.3	.1						5.3	7.0
NW	.5	1.8	1.4	1.4	.3	.1						5.4	9.2
NNW	.4	2.6	2.3	1.8	1.0	.4						8.4	10.2
VARBL	.1	.3										.4	4.0
CALM												11.2	
	4.5	23.8	17.6	28.6	11.6	2.3		.4				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

794

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167161
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	2.9	6.0	2.7	.7	.2					14.8	13.2
NNE		1.1	2.7	6.5	2.5		.4	.1				13.3	13.9
NE		.7	.5	2.0	.2	.1						3.6	11.8
ENE		.9	3.1	1.7	.5							6.2	10.6
E		1.0	.9	1.4								3.2	9.7
ESE			.5	.1								.6	10.0
SE	.1	.1	.6	.2								1.1	8.3
SSE	.1	1.5	1.4	1.6	.6							5.2	10.2
S	.9	3.5	1.1	1.2	1.1	.1						7.9	8.9
SSW	.9	3.1	1.0	.5	.2	.4						6.1	7.7
SW	.4	1.2	.2	.6	.1							2.6	7.7
WSW	.6	1.4	.1	.2								2.4	5.4
W	.6	1.5	.6	1.0	.2							4.0	8.6
WNW	.4	1.7	.6	.1								2.9	5.8
NW	.2	1.5	1.7	1.4	1.0	.6						6.5	11.7
NNW		1.6	2.0	2.4	2.0	.2						8.2	12.3
VARBL													
CALM												11.5	
	4.2	23.1	20.0	26.9	11.3	2.2	.6	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 806

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MFAN WIND SPEED
N	.4	2.9	4.7	6.6	2.2	.2						17.3	11.4
NNE	.7	1.8	3.8	4.2	1.0	.7	.4	.1				12.7	12.0
NE	.1	2.7	2.0	1.3	.9	.1						7.1	9.6
ENE	.4	4.0	4.5	1.5	.5		.1					11.0	8.5
E	.6	2.0	1.6	1.2	.2			.1				5.8	8.7
ESE	1.0	2.1	.4	.2	.1							3.8	5.7
SE	.5	1.5	.9	.9								3.7	7.4
SSE	.6	1.2	.9	.4	.2							3.3	7.4
S	.2	.9	.5	1.3	.7	.2						3.9	11.8
SSW		.5	.1	.4	.5	.1						1.6	12.5
SW		.2	.1	.4	.2							1.0	12.3
WSW		.5	.2	.2								1.0	7.8
W	.2	.6	.4	.6								1.8	8.2
WNW	.1	.2	.5	.4								1.2	8.5
NW	.1	.2	.5	1.1	.9	.2						3.1	14.6
NNW	.1	1.8	2.2	2.6	1.2	.2						8.2	11.6
VARBL		.1										.1	4.0
CALM												13.6	
	5.1	23.4	23.2	23.3	8.7	2.0	.5	.2				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	5.2	6.5	4.8	1.6	.4						18.9	10.2
NNE	.5	3.9	2.2	2.7	1.2	.1	.6					11.3	10.8
NE	1.0	1.8	2.0	1.6	.2							6.7	8.4
ENE	1.6	4.3	2.3	2.0	.2							10.5	7.4
E	.4	1.2	.9	1.4	.2							4.1	9.2
ESE	.7	1.4	1.4	.4								3.8	6.4
SE	1.0	1.1	1.0	.6	.1	.1						3.9	7.5
SSE	.2	.4	.4	.4	.1	.1						1.6	10.2
S	.1	.1	.4	1.1	.9							2.6	13.5
SSW			.6	1.0	.2	.1						2.0	13.1
SW		.4		.1								.5	8.0
WSW		.2	.5									.7	6.8
W	.4	.4	.6	.7	.1							2.2	9.0
WNW	.1	.1	.7	.6	.1							1.7	10.1
NW	.1	.5	1.6	.5	.7	.1						3.6	11.5
NNW	.6	1.6	1.5	2.2	.4							6.3	9.5
VARBL													
CALM												19.6	
	7.2	22.7	22.6	20.1	6.3	1.0	.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 811

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

CONDITION

ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.4	4.9	5.9	2.2	.5	.1	.0				18.6	11.1
NNE	.5	2.6	2.9	4.1	1.8	.5	.3	.1				12.7	12.1
NE	.6	2.3	1.2	1.3	.5	.2						6.0	8.9
ENE	.8	3.0	2.1	1.5	.5	.0	.0					8.0	8.5
E	.3	1.2	.7	1.1	.4	.1		.0				3.8	10.1
ESE	.4	.8	.5	.3	.0	.0						2.0	7.0
SE	.3	.6	.6	.4	.1	.0						2.0	8.3
SSE	.2	.8	.8	.9	.3	.1						3.0	9.9
S	.2	.8	.5	1.2	.7	.1						3.6	11.7
SSW	.2	.6	.4	.8	.5	.1	.0					2.8	11.9
SW	.1	.5	.4	.6	.1	.0						1.7	10.3
WSW	.2	.7	.2	.2	.1	.0						1.4	7.2
W	.3	1.1	.4	.5	.1	.0	.0					2.5	8.2
WNW	.2	.9	.4	.3	.1	.0						2.1	8.0
NW	.2	.9	1.0	1.1	.6	.2	.0					4.1	11.3
NNW	.3	1.9	2.0	1.8	.8	.2	.0	.0				7.1	10.4
VARBL	.0	.1										.1	4.0
CALM												18.6	
	5.4	23.0	19.3	21.9	9.0	2.1	.4	.2				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 6488

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167 STATION HELLLENIKON AB GR 73-81 YEARS FEB MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.1	4.7	3.7	.7	.1						15.5	8.8
NNE	1.1	3.4	4.1	3.8	1.5	.5	.1					14.6	10.7
NE	.5	1.5	1.4	1.9	.1							5.5	9.3
ENE	1.1	3.4	.3	1.5	.1							6.4	7.0
E	.5	1.6	.7	1.2	.3		.1	.3				4.8	10.7
ESE	.1	.7	.5	.3	.5							2.2	10.5
SE	.3	1.1	1.6	1.2	.7							4.9	10.1
SSE	.1	1.0	.7	1.0								2.7	8.4
S		.3	.8	1.1	.3	.1						2.6	12.2
SSW		.3	.3	1.6	.3							2.5	12.8
SW	.1		.7	.5								1.4	10.0
WSW			.1									.1	8.0
W		.1	.1									.3	6.0
WNW		.1	.4	.4	.1							1.1	11.3
NW	.1	.7	1.1	1.4	.3							3.6	11.2
NNW	.5	.7	2.1	.8								4.1	8.6
VARBL													
CALM												27.8	
	5.9	20.0	19.6	20.5	4.9	.8	.3	.3				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 731

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.9	4.6	3.5	1.4	.1						16.3	9.1
NNE	.7	3.1	3.1	3.7	1.6	.3						12.5	10.6
NE	.4	2.3	.5	1.8	.8							5.8	9.7
NNE	.3	2.6	.9	1.2	.5			.1				5.7	9.1
E	.8	1.9	1.2	1.4		.1	.1	.1				5.7	9.1
ESE	.4	1.1	.9	.5	.3	.3						3.5	9.3
SE	.4	1.8	1.5	1.1	.8							5.6	9.3
SSE	.3	.9	.9	.4								2.6	7.5
S		.3	.8	.8	.3							2.2	11.1
SSW	.1		.4	.8	.4	.1						1.9	14.1
SW		.7	.3	.4	.1							1.5	9.5
WSW		.3	.1	.1		.3						.8	14.0
W		.3										.3	6.0
WNW	.1	.3		.1								.5	7.5
NW	.3	.4	.9	.7	.4							2.7	10.4
NNW	.4	2.4	1.5	1.5	.4							6.2	8.6
VARBL													
CALM												26.2	
	6.0	23.2	17.9	18.0	7.1	1.2	.1	.3				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 737

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 3600-0800

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	6.2	3.7	4.3	2.0	.3						17.4	9.9
NNE	.4	4.2	2.2	3.7	1.2	.3						12.0	10.2
NE	1.6	2.9	1.1	2.4	.8			.1				9.0	9.3
ENE	1.8	2.9	1.2	1.2	.5	.1						7.7	7.7
E	.4	1.5	1.0	1.0	.4							4.2	8.7
ESE	.3	1.5	.8	1.5								4.1	9.1
SE	.1	1.6	1.0	1.5	.7	.1						5.0	10.8
SSE		.7	1.1	.1	.3							2.2	8.8
S		.4	1.1	1.2	.3							3.0	11.2
SSW			.3	.8	.3	.1						1.5	14.5
SW		.3	.1	.4								.8	9.7
WSW		.3	.3	.3	.1							1.0	10.1
W	.3		.3		.1	.3						1.0	12.6
WNW	.1		.3	.3								.7	8.6
NW	.1	.5	.5	1.1	.3							2.6	10.6
NNW		1.2	1.4	1.1	.1							3.8	9.0
VARBL													
CALM												24.2	
	6.0	24.2	16.2	20.9	7.2	1.2		.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 736

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	4.1	3.8	4.3	3.0	.5						16.2	11.4
NNE	.5	1.6	3.2	6.4	2.6	.4						14.7	12.7
NE		.9	.9	1.1	1.6	.4	.1					5.1	14.3
ENE	.1	.5	1.1	1.8	.5							4.1	11.7
E	.1	.7	.9	1.2	.1	.1						3.2	10.0
ESE	.1	.3	.4	1.2								2.0	11.3
SE		.7	1.2	2.3	.5							4.7	11.9
SSE	.4	1.1	.9	1.4	.4							4.2	9.7
S	.3	.3	1.6	1.1	.4	.1						3.8	11.5
SSW	.3	.4	.7	.4		.1						1.9	9.1
SW	.3	.4	.5	.1								1.4	7.3
WSW	.1	.5	.3		.3							1.2	8.2
W	.9	1.9	.5	.1	.4							3.9	6.8
WNW	.1	1.4	.7		.1							2.3	6.9
NW		1.1	1.4	.7	.3							3.4	9.0
NNW		2.4	1.5	.8	.1							4.9	8.0
VARBL													
CALM												22.9	
	3.9	18.3	19.8	22.9	10.4	1.8	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 739

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167 HELLENIKON AB GR 73-81 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	2.7	3.4	2.3	.5	.1					10.2	13.7
NNE	.1	1.1	1.0	5.9	3.8	1.9						13.7	15.5
NE		.4	.5	2.2	1.6	.3						5.0	14.8
ENE		.3	1.2	1.4	1.0							3.8	13.4
E			.5	1.5	.5							2.6	13.3
ESE		.1	.4	.7	.1							1.4	11.8
SE		.1	.7	1.4	1.1	.1						3.4	14.3
SSE	.1	.4	2.4	2.3	.5							5.9	11.8
S	.3	1.6	3.0	2.0	.4	.1						7.5	10.0
SSW	.8	2.9	1.6	1.1	.4							6.3	7.6
SW	.3	3.0	.1	.5	.1							4.1	6.6
WSW	.7	2.9	.8		.1							4.5	5.5
W	1.5	5.6	.8	.3								8.2	5.1
WNW	.1	1.8	1.6	.4	.4							4.4	8.7
NW	.1	1.2	.8	2.0	.7							4.9	10.8
NNW		1.1	1.2	1.6	.4							4.4	10.5
VARBL													
CALM												9.4	
	4.4	23.3	19.6	26.7	13.6	3.0	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 735

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16/16
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH
 1500-1700
HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	2.2	3.9	1.8							8.7	12.6
NNE		.8	2.0	7.6	3.3	.8	.1					14.7	14.7
NE		.4	1.5	2.8	.7	.1						5.6	13.0
ENE		.8	1.4	1.9	.5	.3						4.9	11.9
E			.9	1.9								2.8	12.4
ESE	.1	.3	.5	.4	.1							1.5	9.9
SE	.1		1.8	1.6	.7	.3						4.5	12.4
SSE		1.6	3.3	2.8	.7							8.4	10.2
S	1.1	5.2	5.2	2.2	.8	.1						14.5	8.3
SSW	.7	3.7	3.4	.5	.1							8.4	7.0
SW	.5	1.6	.7		.1							3.0	5.9
WSW	.3	1.9	.3									2.4	4.9
W	.5	1.1	.8	.4	.3							3.1	7.9
WNW		.7	.8	1.1	.1							2.7	11.0
NW		.7	.8	.9	1.5							3.9	13.1
NNW		.3	1.8	1.8	.1							3.9	10.8
VARBL													
CALM												6.9	
	3.4	19.8	27.3	30.0	10.9	1.6	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 737

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16715 STATION HELLENIKON AB GR 73-81 YEARS FEB MONTH 1800-2000 HOUR(S) (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	3.3	2.8	.7	.5						9.9	10.7
NNE	.1	1.9	3.3	4.7	2.6	.9						13.6	13.1
NE		.7	2.2	1.9	.7							5.4	11.4
ENE	.4	2.3	2.6	3.7	.7							9.6	10.6
E	.3	1.4	1.2	2.0	.3	.1						5.3	10.2
ESE	.3	1.5	.8	.8	.4	.1						3.9	9.1
SE	.9	2.6	1.8	1.6	.7							7.6	8.4
SSE	.9	3.1	1.6	.7	.4							6.8	7.2
S	.4	2.7	.9	1.6	.9	.3						6.9	10.2
SSW	.1	.3	.5	.3	.5							1.8	11.0
SW		.3	.5	.3	.1	.1						1.4	11.6
WSW	.1	.1	.4	.1								.8	7.7
W		.7	.1	.3	.1							1.2	9.1
WNW	.3	.4	.5	.4	.3							1.9	9.2
NW		.8	.7	1.5	.7							3.7	12.1
NNW	.3	.9	2.0	1.1	.4							4.7	9.2
VARBL													
CALM												15.6	
	4.6	21.8	22.5	23.8	9.5	2.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 738

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 STATION HELLNIKON AB GR 73-81 YEARS FEB MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.3	3.2	2.9	1.1	.5						11.6	10.2
NNE	.4	2.8	3.7	4.5	1.1							12.6	10.5
NE	.7	1.7	1.7	2.3	.5							7.0	9.3
ENE	.7	3.6	1.6	2.4	.5		.1					9.0	8.9
E	.7	2.9	1.6	2.0	.4							7.6	8.5
ESE	1.3	1.2	.3	.3	.4	.3						3.7	7.7
SE	.8	1.5	1.5	1.6	.4							5.7	8.9
SSE	.1	.8	.9	.8	.4							3.1	10.3
S	.3	.5	1.1	.9	.8	.1						3.7	11.9
SSW	.1	.7	.7	.7								2.1	8.8
SW		.1	.1	.3								.5	10.8
WSW		.3	.1	.1								.5	7.8
W		.5	.3	.4								1.2	9.1
WNW		.4	1.1	.4	.3							2.1	10.1
NW	.3	.5	1.6	1.3	.1							3.9	9.5
NNW	.4	2.1	1.6	.5								4.7	7.2
VARBL												20.9	
CALM													
	6.3	23.1	21.1	21.5	6.0	.9	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 748

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167161 HELLENIKON AB GR 73-81 FEB

STATION STATION NAME YEARS NORTH

ALL WEATHER

CLASS

CONDITION

ALL

HOURS (L B T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.4	3.5	3.6	1.6	.3	.0					13.2	10.5
NNE	.4	2.4	2.8	5.0	2.2	.6	.0					13.5	12.3
NE	.4	1.4	1.2	2.1	.9	.1	.0	.0				6.0	11.2
ENE	.5	2.1	1.3	1.9	.6	.1	.0	.0				6.4	9.7
E	.4	1.3	1.0	1.5	.3	.1	.0	.1				4.5	9.9
ESE	.3	.8	.6	.7	.2	.1						2.8	9.5
SE	.3	1.2	1.4	1.5	.7	.1						5.2	10.4
SSE	.3	1.2	1.5	1.2	.3							4.5	9.4
S	.3	1.4	1.8	1.4	.5	.1						5.5	10.0
SSW	.3	1.0	1.0	.8	.3	.1						3.4	9.2
SW	.2	.8	.4	.3	.1	.0						1.7	8.7
WSW	.2	.8	.3	.1	.1	.0						1.4	7.0
W	.4	1.3	.4	.2	.1	.0						2.4	6.8
WNW	.1	.6	.7	.4	.2							2.3	9.2
NW	.1	.7	1.0	1.2	.5							3.6	10.9
NNW	.2	1.4	1.6	1.2	.2							4.6	8.9
VARBL													
CALM												19.2	
	5.0	21.7	20.5	23.0	8.7	1.6	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 5901

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16/160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.7	4.4	2.0	.7	.1						12.5	8.3
NNE	1.7	2.9	1.0	.5	.5	.1						6.0	7.6
NE	.6	1.1	1.6	.6	.1							4.1	7.8
ENE	1.2	2.7	2.4	1.4	.2	.2	.1					8.4	8.4
E	1.0	1.5	1.2	.4	.1	.1						4.4	7.0
ESE	.4	1.9	.4	.7	.1							3.5	7.5
SE		1.1	1.7	.7	.1							3.7	8.6
SSE	.5	1.5	1.2	.2								3.5	6.5
S	.2	.4	.6	.1								1.4	6.5
SSW		.1		.1								.2	10.0
SW													
WSW		.1	.2	.2								.6	10.4
W	.1	.2	.9	.2								1.5	8.4
WNW	.1	.9	.5		.1							2.1	8.2
NW	.6	1.1	1.1	.9	.7	.1						4.6	10.2
NNW	.1	2.2	1.6	1.4	.1							5.5	8.5
VARBL													
CALM												38.0	
	7.2	21.8	19.0	10.1	3.0	.7	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

802

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

162160

HELLENIKON AB GR

73-81

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	3.5	2.4	.5							11.9	8.2
NNE	.4	4.3	1.5	1.8	.5		.1					8.5	8.4
NE	1.3	1.9	1.1	.8	.1		.1					5.3	7.1
ENE	1.1	2.9	1.3	1.5	.3							7.0	7.6
E	1.3	.9	.4	.6	.1							3.3	6.6
ESE	.6	.9	.1	.1	.3							2.0	6.8
SE	.4	1.4	.8	1.4	.1							4.0	8.6
SSE	.4	1.0	.4	.1								1.9	6.0
S	.4		.9	.4								1.6	8.5
SSW		.1	.1	.1	.1							.5	11.3
SW		.3			.1							.4	9.3
WSW		.3	.3									.5	6.8
W	.1	.1	.4	.4								1.0	9.1
WNW		.6	.8	.3	.3	.1						2.0	10.9
NW	.1	1.4	.9	1.1	.1							3.6	8.6
NNW	.5	3.3	1.9	1.0	.9							7.5	8.7
VARBL													
CALM												39.1	
	7.4	23.8	14.1	11.9	3.4	.1	.3					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

800

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	6.6	6.0	2.9	1.5	.4						18.9	8.7
NNE	.5	2.6	1.6	1.7	.7	.1						7.3	9.3
NE	.9	2.1	.9	1.0	.4							5.2	7.6
ENE	1.1	2.0	1.0	1.0	.2							5.4	7.3
E	.7	1.0	.5	.7	.1	.1						3.2	8.0
ESE	.4	.5	.2	.5								1.6	8.4
SE		1.1	1.0	.4	.4							2.9	9.3
SSE	.4	.7	1.2	.4								2.7	7.2
S		.1	.7	.2								1.1	9.4
SSW		.1	.2	.2								.6	9.8
SW		.1										.1	4.0
WSW	.1	.2	.1									.5	5.8
W	.1	.4	.4				.1					1.0	8.6
WNW		.4	.1	.7	.1							1.4	12.1
NW	.1	1.2	.6	.5	.1							2.6	8.1
NNW	.5	2.4	1.7	1.5	.7	.1						7.0	9.4
VARBL													
CAL'D												38.4	
	6.5	21.7	16.4	11.8	4.4	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

803

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716 : HELLENIKON AB GR 73-81 MAR
STATION STATION NAME YEARS MONTH

A-L WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.9	3.3	5.4	1.4	.5						14.8	10.8
NNE		.5	1.8	3.6	1.3	.1	.3					7.5	13.8
NE		.5	1.3	1.6	.1	.1						3.6	11.7
ENE		.8	.5	1.1	.3							2.6	10.6
E		.1	.1	.8	.1			.1				1.3	14.9
ESE		.4	.4	.1								.9	7.6
SE	.3	.5	.3	.6	.3							1.9	9.6
SSE		.4	1.3	.9	.4							2.9	11.1
S		2.1	1.8	.9	.5	.1						5.4	9.5
SSW	.1	1.8	1.1	.1								3.1	6.5
SW	.9	1.5	.4	.3								3.0	5.3
WSW	.6	1.5	.1	.3								2.5	5.5
W	1.1	3.8	.8		.3							5.9	5.6
WNW	.8	3.1	1.5	.8	.1	.1						6.4	7.3
NW	.6	2.3	1.5	1.1	.4							5.9	8.1
NNW	.3	1.8	2.6	1.6	1.0	.5						7.8	10.9
VARBL													
CALM												24.6	
	5.0	24.8	18.5	19.2	6.0	1.5	.3	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 798

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	2.4	3.7	1.6	.9						9.8	13.3
NNE		.4	2.4	4.2	1.4	.2						8.6	13.4
NE		.4	1.5	1.0	.2							3.1	10.4
ENE	.1	.5	.6	1.7								3.0	11.1
E	.1	.6	1.2	1.2	.2	.1						3.6	11.4
ESE	.1	.2	.2	.2								.9	8.1
SE		.1	.2	.2	.7	.2						1.6	15.9
SSE	.2	.2	1.6	1.5	.4	.1						4.1	11.1
S	.4	1.2	3.5	3.1	.4	.4						9.0	10.6
SSW	.6	4.4	3.2	.6								8.8	6.8
SW	.7	5.0	1.6	.1								7.5	5.9
WSW	.1	4.9	3.2	.6	.2							9.1	7.0
W	.7	6.3	3.0	.7	.1	.1						11.1	6.9
WNW	.1	1.4	1.7	1.6	.1							5.0	9.5
NW		.9	1.0	.9	.5	.1						3.4	11.4
NNW		.5	.6	2.2	.4	.1						3.9	12.5
VARBL													
CALM												7.7	
	3.5	28.1	28.1	23.9	6.3	2.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

804

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167157
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.2	3.5	1.0	.4						7.3	12.7
NNE	.4	.4	2.1	4.2	1.0	.2						8.3	12.5
NE		.5	1.7	2.0	.2							4.4	11.6
ENE	.1	.9	2.8	3.5	.4							7.6	11.0
E	.2	.6	2.0	3.0	.1							5.9	11.2
ESE		.2	.1	.6								1.0	11.0
SE			.5	1.1	.7							2.3	14.7
SSE	.1	.9	2.0	3.1	.7							6.8	11.6
S	.2	4.6	6.4	4.1	.7	.2						16.3	9.5
SSW	1.2	4.6	4.4	1.4								11.6	7.2
SW	.2	3.3	2.3	.6								6.5	6.9
WSW	.1	1.7	.5	.5	.4							3.2	8.5
W	.2	2.7	.9	.5								4.3	6.7
WNW	.2	.7	.5	1.1	.5							3.1	11.0
NW		.4	1.1	.7	.4	.1						2.7	12.1
NNW			.9	1.2		.1						2.2	12.7
VARBL													
CALM												6.4	
	3.3	22.6	29.5	30.9	6.2	1.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 811

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 167160 STATION NAME HELLENIKON AB GR YEARS 73-81 MONTH MAR
STATION NAME STATION NAME YEARS MONTH
 CLASS ALL WEATHER MONTH 1800-2000
CLASS MONTH (L & T)
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	2.6	1.7	.5							6.0	10.3
NNE	.4	1.1	3.7	2.7	.4	.1	.1					8.6	10.5
NE	.1	1.7	3.1	1.6	.1							6.7	9.2
ENE	.4	2.2	3.4	6.5	1.1		.1					13.7	11.5
E		.9	2.7	3.1	.5							7.2	11.4
ESE	.1	.9	.6	.4								2.0	7.4
SE	.7	2.1	1.6	1.0	.7							6.2	8.8
SSE	.5	4.7	2.2	1.2	.2							9.0	7.5
S	.5	5.7	3.9	1.4	.4	.2						12.1	7.8
SSW		.9	1.2	.4			.1					2.6	9.1
SW		.2	.1									.4	5.7
WSW		.7		.1	.1							1.0	8.0
W		.5	.4	.6	.1							1.6	11.2
WNW	.2	.4	.6	1.0	.5							2.7	11.4
NW	.1	.5	.9	1.5	.1	.1						3.2	11.8
NNW		.9	1.1	1.1	.1							3.2	9.8
VARBL		.1										.1	4.0
CALM												13.7	
	3.4	24.5	28.2	24.4	5.0	.5	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 804

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716 HELLENIKON AB GR 73-81 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.3	3.5	2.8	.5	.1						11.3	9.0
NNE	.6	2.2	2.6	.7	.2	.2						6.7	8.3
NE	.2	2.0	2.7	.9	.4							6.2	8.4
ENE	.4	2.2	2.6	2.6	.5							8.3	9.8
E	.9	1.9	2.1	1.2	.5							6.6	8.9
ESE	.4	1.1	.4	.5								2.4	7.0
SE	.4	3.3	1.2	1.0	.2							6.2	7.4
SSE	.5	2.0	1.9	1.0								5.3	7.6
S	.2	1.1	.5	1.0								2.8	8.1
SSW	.1		.1	.4								.6	11.0
SW		.1	.1	.1								.4	8.3
WSW	.1		.1	.1	.2							.6	13.0
W		.2	.7	.1		.1						1.2	9.8
WNW	.1	.5	.7	1.0								2.4	10.5
NW		.2	1.0	1.6	.4							3.2	11.9
NNW	.7	1.5	1.1	1.1	.1							4.6	8.0
VARBL	.1											.1	3.0
CALM												31.2	
	5.8	21.8	21.4	16.2	3.1	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 808

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167163
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH
ALL
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.2	3.3	3.0	1.0	.3						11.5	9.9
NNE	.4	1.8	2.1	2.4	.7	.2	.1					7.7	10.6
NE	.4	1.3	1.7	1.2	.2	.0	.0					4.8	9.0
ENE	.6	1.8	1.8	2.4	.4	.0	.0					7.0	9.7
E	.5	.9	1.3	1.4	.2	.0		.0				4.4	9.7
ESE	.2	.8	.3	.4	.0							1.8	7.7
SE	.2	1.2	.9	.8	.4	.0						3.6	9.4
SSE	.3	1.4	1.5	1.1	.2	.0						4.5	8.8
S	.2	1.9	2.3	1.4	.2	.1						6.2	9.1
SSW	.3	1.5	1.3	.4	.0		.0					3.5	7.4
SW	.2	1.3	.6	.1	.0							2.3	6.3
WSW	.1	1.2	.6	.2	.1							2.3	7.4
W	.3	1.8	.9	.3	.1	.0	.0					3.5	7.2
WNW	.2	1.0	.8	.9	.2	.0						3.1	9.6
NW	.2	1.0	1.0	1.0	.3	.1						3.7	10.1
NNW	.3	1.6	1.4	1.4	.4	.1						5.2	9.8
VARBL	.0	.0										.0	3.5
CALM												24.9	
	5.3	23.6	21.9	18.6	4.7	.9	.1	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6430

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS APP MONTH 0000-0200 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	2.1	1.2	.3							9.0	6.9
NNE	.3	2.1	.6	1.4								4.4	8.1
NE	1.2	.9	.4	.3								2.7	5.4
ENE	1.3	2.5	.5	.3								4.5	5.1
E	.5	1.7	.8	.3								3.2	5.7
ESE	.4	.8	.3		.1							1.5	6.0
SE	.5	1.9	1.2	.1								3.7	6.2
SSE	.1	1.2	2.3	.4								4.0	7.8
S	.1	1.0	.3	.5								1.9	7.2
SSW		.6	.3	.3	.1	.1						1.4	10.5
SW		.1	.1	.1								.4	9.3
WSW		.3	.1									.4	6.0
W	.3	.3	.1	.3								.9	7.3
WNW		.6	1.0	1.3	.1	.1						3.2	11.4
NW		2.2	3.1	2.7	1.7	.4						10.1	11.3
NNW	.8	3.2	2.5	2.3	.3							9.0	8.5
VARBL													
CALM												39.5	
	6.3	24.0	15.6	11.4	2.6	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 775

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716 STATION HELLENIKON AB GR STATION N.W. 73-81 YEARS APR MONTH
 ALL WEATHER CLASS 3300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.1	2.3	1.0	.3							10.1	6.6
NNE	.9	1.7	.6	.4	.3							3.9	6.8
NE	1.0	1.2	.9	.4	.1							3.6	6.4
ENE	1.7	1.6	.1	.4	.3							4.0	6.0
E	1.2	1.7	.4	.3	.1	.1						3.8	6.3
ESE	.4		.1	.4								.9	7.4
SE	.3	1.4	1.2	.1	.1							3.1	7.3
SSE	.4	1.6	.3	.3								2.5	5.5
S	.1	.6	1.0	.4		.1						2.3	8.9
SSW			.3	.1								.4	10.7
SW		.1										.1	4.0
WSW		.1	.1									.3	5.5
W	.1	.3	.4	.3	.3							1.3	10.5
WNW	.3	.1	1.3	1.2	.3							3.1	11.2
NW	.5	1.6	2.6	1.7	1.0							7.4	10.0
NNW	.8	3.1	2.6	1.4	.3							8.2	7.6
VARBL	.1											.1	3.0
CALM												44.9	
	9.2	20.1	14.3	8.3	3.0	.3						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 771

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160

HELLENIKON AB GR

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

NOV (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.4	1.9	1.2	.3	.1						10.2	6.8
NNE	.5	2.2	1.8	1.2	.3							6.0	7.9
NE	.4	.9	.5	.4	.1							2.3	7.7
ENE	1.2	3.1	.4	.3	.1							5.0	5.3
E	.3	.9	.5									1.7	6.1
ESE	.1	.3		.3								.6	7.6
SE	.3	1.7	.9	.1								3.0	5.8
SSE	.5	1.4	1.6	.5								4.0	7.0
S	.3	1.4	1.0	.4								3.1	7.4
SSW	.1	.1	.1	.1	.1							.6	9.8
SW		.4										.4	6.0
WSW		.3		.1								.4	7.3
W	.4	1.0	.1									1.6	4.9
WNW	.4	1.9	.4	1.2	.5							4.4	9.0
NW	.4	2.3	2.2	1.7	1.0	.1						7.8	9.9
NNW	.8	3.6	1.9	1.0	.4							7.8	7.5
VARBL													
CALM												41.1	
	6.9	27.0	13.5	8.4	2.8	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

773

2
7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLIM

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	1.8	1.0	.5							5.6	9.1
NNE		.5	1.8	2.3	.9	.1						5.7	12.2
NE	.1	.5	.6	1.0	.5							2.8	11.6
ENE	.1	.4	.6	.4								1.6	9.0
E	.1		.5	.9								1.6	11.0
ESE		.1	.1	.1								.4	9.7
SE		.4	.3	.5	.5							1.7	12.2
SSE	.1	.8	1.8	.4	.1							3.2	9.0
S		1.8	3.4	.8	.3							6.2	8.9
SSW	.6	1.9	.6	.5								3.8	6.4
SW	.5	2.5	.8	.1								3.9	5.6
WSW	.5	4.4	1.3	.3								6.5	5.8
W	2.3	10.0	3.5	.5								16.3	5.5
WNW	.8	3.9	4.5	1.6	1.2	.3						12.2	9.1
NW	.1	2.5	2.1	3.0	.5	.1						8.3	10.1
NNW	.6	1.4	1.8	1.6	.4							5.8	9.2
VARBL	.1											.1	3.0
CALM												14.5	
	6.5	33.0	25.6	15.0	4.9	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

773

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.4	.9	.6							2.6	11.8
NNE		.3	1.0	2.5	1.0							4.8	13.7
NE		.1	.9	1.3	.1							2.5	12.2
ENE		.6	.4	.3	.3							1.6	10.3
E		.1	1.2	.5	.1							1.9	10.5
ESE		.5	.5	.1	.1							1.3	8.3
SE		.4	.8	.6	.5	.1						2.5	12.6
SSE		.8	1.0	1.2	.6	.1						3.8	11.8
S	.3	2.5	5.8	3.5	.5							12.6	9.7
SSW	.3	6.1	6.7	1.4	.1							14.6	7.6
SW	.5	4.7	4.1	.8								10.1	7.1
WSW	.4	6.5	3.6	.3								10.8	6.5
W	.4	6.5	6.0	1.3								14.1	7.3
WNW	.3	1.2	2.2	1.9	1.6							7.1	11.7
NW		.5	.5	1.2	1.0	.1						3.4	13.7
NNW	.1	.3	.3	.5	.4							1.6	11.9
VARBL		.4										.4	4.7
CALM												4.5	
	2.3	31.9	35.5	18.3	7.1	.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

772

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.5	1.8	.5							3.1	13.0
NNE		.3	1.4	2.1	1.2	.1						5.0	13.7
NE		.3	.6	.6								1.5	10.3
ENE		.3	1.5	1.2	.3							3.2	11.2
E	.1	.8	1.0	2.6	.5	.1						5.2	12.0
ESE		.1	.5	.4								1.0	9.6
SE	.1	.4	.6	1.2	.3							2.6	11.2
SSE	.1	1.0	3.2	2.6	1.2	.4						8.5	11.6
S		2.3	11.7	7.0	.8	.1						21.9	10.3
SSW		3.7	8.3	4.8	.4							17.2	9.4
SW	.6	2.2	3.0	.1								5.9	7.1
WSW	.4	2.7	2.1	.3								5.4	6.4
W	.3	2.2	2.2	.4	.1							5.2	7.4
WNW		1.2	.6	1.8	1.2							4.8	12.2
NW		.6	.4	1.4	.3	.1						2.8	12.6
NNW	.1	.4	.4	.5	.3							1.7	10.8
VARBL	.1	.1										.3	3.5
CALM												4.6	
	2.1	18.7	38.2	28.6	6.8	.9						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

775

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.4	.9	.1							3.4	9.5
NNE		.3	1.2	2.3	.3	.1						4.1	12.6
NE		1.0	1.3	1.3								3.6	9.8
ENE	.1	.6	2.3	1.9	.5							5.5	11.0
E	.1	1.0	2.1	3.2	.5							7.0	11.2
ESE		.8	.4	.1	.1							1.4	8.2
SE	.8	2.6	3.4	2.3	.5							9.5	9.1
SSE	.9	4.3	5.3	2.1	.5	.3						13.3	8.5
S	1.3	4.8	8.8	3.4	.5	.1						18.8	8.6
SSW	.4	2.1	1.9	.5	.3							5.2	7.7
SW		.8	.5	.1								1.4	6.5
WSW		.3	.4									.6	7.2
W	.3	.8	.4	.1								1.5	6.6
WNW		.5	1.0	1.3	.5							3.4	11.7
NW		.4	.9	2.2	1.0	.1						4.6	13.4
NNW	.3	.9	1.4	1.3	.8	.1						4.8	11.1
VARBL													
CALM												11.9	
	4.4	21.6	32.6	23.1	5.7	.8						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

776

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167 HELLENIKON AB GR 73-81 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	1.7	.8	.4							6.0	7.7
NNE	.3	1.4	1.0	.5	.3							3.5	8.2
NE	.6	1.7	1.2	.6	.1							4.3	7.5
ENE	.8	1.8	1.7	.4	.4							5.0	7.3
E	.6	1.7	1.3	.4	.4							4.4	7.7
ESE	.5	1.9	.3	.3								3.0	5.3
SE	1.8	3.5	3.1	1.2	.1							9.7	6.8
SSE	.5	3.9	2.8	.9								8.2	7.0
S	.1	1.9	.9	1.3								4.3	8.3
SSW	.1	.1	.4	.4								1.0	8.9
SW	.1	.1	.1	.3								.6	8.4
WSW	.1											.1	3.0
W	.3	.3	.6	.1								1.3	7.6
WNW		.6	.5	1.2	1.3							3.6	13.1
NW	.4	1.9	2.2	2.7	1.0	.4						8.7	11.1
NNW	.5	2.6	1.8	1.7	.6	.1						7.4	9.6
VARBL													
CALM												29.0	
	7.8	25.7	19.7	12.7	4.7	.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L E T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	1.5	1.1	.4	.0						6.2	8.0
NNE	.2	1.1	1.2	1.6	.5	.0						4.7	10.6
NE	.4	.8	.8	.7	.1							2.9	8.6
ENE	.6	1.4	1.0	.6	.2							3.8	7.8
E	.4	1.0	1.0	1.0	.2	.0						3.6	9.2
ESE	.2	.6	.3	.2	.0							1.3	7.1
SE	.5	1.5	1.4	.8	.3	.0						4.5	8.3
SSE	.3	1.9	2.3	1.0	.3	.1						5.9	8.8
S	.3	2.1	4.1	2.1	.3	.0						8.9	9.3
SSW	.2	1.8	2.3	1.0	.1	.0						5.5	8.4
SW	.2	1.4	1.1	.2								2.9	6.8
WSW	.2	1.8	1.0	.1								3.1	6.3
W	.5	2.7	1.7	.4	.0							5.3	6.6
WNW	.2	1.3	1.5	1.4	.8	.0						5.2	10.8
NW	.2	1.5	1.7	2.1	1.0	.2						6.6	11.1
NNW	.5	1.9	1.6	1.3	.4	.0						5.8	8.9
VARBL	.0	.1										.1	3.9
CALM												23.7	
	5.7	25.3	24.4	15.7	4.7	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

6188

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160

HELLENIKON AB GR

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.3	3.1	1.4	.1							11.1	7.0
NNE	.7	1.5	.2	.1								2.6	5.0
NE	.7	1.4	.6									2.7	5.3
ENE	1.0	1.1	.4									2.5	4.7
E	.4	.2		.1	.2							1.0	8.6
ESE	.7	.6	.1									1.5	4.1
SE	.6	1.2	.7	.2								2.8	5.9
SSE	.6	1.2	1.2	.2								3.3	6.8
S	.2	.9		.2								1.4	5.5
SSW		.2		.2								.5	9.5
SW		.6										.6	4.6
WSW													
W	.1	.5	.1	.6								1.4	9.0
WNW	.5	1.0	1.0	.6	.4							3.5	8.9
NW	.2	2.7	2.3	2.0	.1							7.4	8.6
NNW	1.1	3.1	2.2	2.1	.1							8.6	8.0
VARBL		.1										.1	5.0
CALM												49.0	
	8.3	21.7	12.1	7.9	1.0							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

810

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIC WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500

CLASS HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.5	2.9	1.0								13.1	5.9
NNE	1.0	2.3	.9	.6								4.8	6.2
NE	1.4	.7	.4	.4								2.8	5.6
ENE	.7	.9	.5	.7								2.8	7.4
E	.6	.6		.1								1.4	4.3
ESE	.6	.2	.1									1.0	4.3
SE	.5	1.2	.2									2.0	4.4
SSE	.2	1.2	1.2		.1							2.8	6.8
S		.6	.1	.1								.9	6.9
SSW	.1		.1									.2	6.5
SW	.1	.2	.2	.1								.7	7.5
WSW				.2	.2							.5	15.8
W	.1	.4		.2								.7	7.3
WNW		1.0	.6	.4	.4							2.3	9.4
NW	.7	1.1	2.0	2.1	.7							6.6	10.1
NNW	.5	3.1	2.3	1.4								7.2	7.5
VARBL		.1										.1	4.0
CALM												49.9	
	8.4	21.3	11.7	7.4	1.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 814

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.5	2.6	1.9		.1						8.6	8.0
NNE	1.0	1.7	1.4	1.1	.1							5.3	7.4
NE	.5	.6	.9	.5	.1							2.6	8.0
ENE	.6	.2	.5									1.4	5.8
E	.7	.4	.1									1.2	3.9
ESE	.1	.2										.4	4.3
SE	.5	.5	.2		.1							1.4	6.4
SSE	.4	1.4	1.2	.5								3.5	7.0
S	.5	.2	.7									1.5	6.3
SSW	.5	.2	.4									1.1	5.0
SW	.5	.2	.1	.1								1.0	5.0
WSW	.5	.6		.5	.1							1.7	7.6
W	.9	.4	.1	.1	.1							1.6	5.8
WNW	1.2	1.6	1.7	.7	.4							5.7	7.3
NW	.7	3.6	2.0	.9	.2							7.4	7.3
NNW	.6	3.3	3.1	1.9								8.9	7.8
VARBL													
CALM												46.8	
	9.9	18.8	15.1	8.1	1.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

3900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.1	1.5	1.2							4.3	12.5
NNE	.1	.6	.5	2.9	1.0							5.1	13.0
NE		.1	.9	.9	.4							2.2	12.3
ENE		.1	.4	.5	.1							1.1	11.6
E		.1	.1									.2	7.5
ESE			.1	.1								.2	11.5
SE		.4	.2	.4	.1	.1						1.2	11.7
SSE		.6	.7	.4	.1							1.8	8.7
S		1.6	.6	.6	.2							3.1	8.6
SSW	.7	4.2	1.7	.4								7.0	5.9
SW	1.6	6.2	1.5									9.3	5.1
WSW	1.5	9.3	2.3	.7								13.8	5.6
W	1.5	13.1	6.0	.6								21.1	6.2
WNW	.9	5.6	3.9	1.2	.2							11.8	7.1
NW	.4	1.7	2.4	1.6	.7	.2						7.1	10.6
NNW	.4	.5	1.2	1.0	.4							3.4	10.1
VARBL	.1											.1	3.0
CALM												7.1	
	7.3	44.3	23.7	12.7	4.5	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

819

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.4	2.2	.2							3.1	12.8
NNE		.2	.7	2.7	1.8	.1						5.7	15.0
NE		.2	.6	1.5	.4							2.7	12.8
ENE		.1	.1	1.8	.2							2.3	13.2
E		.4	.6	.9								1.8	10.1
ESE		.2	.4	.1	.1							.9	9.9
SE		.1	.9	.4	.1							1.5	10.7
SSE	.1	.6	1.1	.7	.4							2.9	10.3
S	.1	2.2	5.9	2.6	.1							10.9	9.4
SSW	.6	7.4	8.2	2.2	.4							18.8	8.0
SW	.4	5.4	6.4	1.1	.1							13.4	7.3
WSW	.7	6.5	3.9	.7								11.9	6.6
W	.1	4.7	8.0	1.1	.1							14.0	7.8
WNW		1.2	1.7	.4	.2							3.6	8.7
NW		.2	.7	1.2	.5	.2						2.9	13.8
NNW		.2	.5	.5	.1							1.4	10.7
VARBL		.4										.4	4.7
CALM												1.8	
	2.2	30.3	40.2	20.1	4.9	.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 814

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.9	.4	.5	.1						1.9	13.3
NNE	.1	.4	1.4	2.7	1.0							5.6	12.5
NE		.1	1.1	1.9	.4							3.5	12.1
ENE		.2	1.4	2.7	1.7							6.1	14.0
E		.4	1.6	2.2	.5							4.7	11.8
ESE		.5	.4	.5								1.4	9.8
SE		.1	.4	.1								.6	9.6
SSE		1.0	1.4	2.7	.6							5.7	11.6
S	.1	2.4	15.5	7.9	.6							26.6	10.0
SSW	.1	4.1	11.8	4.8	.1	.1						21.1	9.2
SW	.1	1.7	3.6	.4	.1							6.0	8.0
WSW	.2	2.4	1.2	.1								4.0	6.2
W	.1	1.7	1.9	.7	.2							4.7	8.2
WNW	.1	.4	1.0	.5	.1							2.1	9.5
NW	.1	.4	.4	.1	.5							1.5	10.9
NNW		.4	.6	.6	.4							2.0	11.4
VARBL													
CALM												2.7	
	1.1	16.1	44.4	28.5	6.8	.2						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 806

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.1	.7	.2							2.9	9.3
NNE	.1	.9	1.0	2.3	.1	.1						4.5	11.0
NE		1.4	2.5	1.5	.2							5.5	9.4
ENE		.7	3.4	2.7	.5							7.4	11.0
E	.2	.2	1.5	2.6	.5							5.0	11.8
ESE	.1	.1	.1									.4	5.0
SE	.4	1.0	2.3	1.0								4.7	8.4
SSE	.4	4.7	6.9	2.6								14.5	8.1
S	1.0	8.8	8.1	2.1	.1							20.1	7.3
SSW	.6	3.6	3.3	.6	.2							8.4	7.1
SW	.2	1.1	.7	.1								2.2	6.3
WSW	.4	.7	.2	.1								1.5	5.8
W	.4	1.0	.5	.4	.1							2.3	7.7
WNW	.4	.9	.9	.5								2.6	7.4
NW	.1	.6	.7	1.0	.5	.1						3.1	11.5
NNW		1.0	.9	1.4	.4							3.6	10.9
VARBL		.1										.1	5.0
CALM												11.2	
	4.4	27.5	34.2	19.5	2.9	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 814

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.2	2.8	1.1	.1							8.8	7.3
NNE	.6	1.3	1.2	.1	.1							3.4	6.6
NE	.1	1.1	1.3	.5	.1							3.2	8.6
ENE		1.7	.7	1.0	.1							3.6	8.2
E	.6		1.0	.4	.1							2.5	7.7
ESE	.2	.6	.2									1.1	5.4
SE	.9	3.2	2.1	.5								6.6	6.1
SSE	1.7	3.6	1.2	.2								6.7	5.4
S	1.1	3.3	.5	.5								5.4	5.5
SSW	.2	.9	.4	.1								1.6	6.0
SW	.1	.2	.1									.5	5.8
WSW	.2	.2			.1							.6	6.8
W		.7	.5	.2	.2							1.7	9.1
WNW	.1	.9	1.0	.5		.1						2.6	9.0
NW	.5	1.6	1.5	1.6	.4							5.5	9.0
NNW	1.5	2.5	1.8	2.5	.5							8.7	8.7
VARBL													
CALM												37.4	
	8.6	26.4	16.4	9.2	1.8	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

815

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716D
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.7	1.9	1.3	.3	.0						6.7	8.1
NNE	.5	1.1	.9	1.6	.5	.0						4.6	10.2
NE	.3	.7	1.0	.9	.2							3.2	9.3
ENE	.3	.6	.9	1.2	.3							3.4	10.3
E	.3	.3	.6	.8	.2							2.2	9.7
ESE	.2	.3	.2	.1	.0							.8	6.5
SE	.4	1.0	.9	.3	.0	.0						2.6	7.2
SSE	.4	1.8	1.9	.9	.2							5.2	8.0
S	.4	2.5	3.9	1.8	.1							8.7	8.5
SSW	.4	2.6	3.2	1.0	.1	.0						7.3	7.9
SW	.4	2.0	1.6	.2	.0							4.2	6.6
WSW	.4	2.5	1.0	.3	.1							4.3	6.3
W	.4	2.8	2.1	.5	.1							6.0	7.1
WNW	.4	1.6	1.5	.6	.2	.0						4.3	7.9
NW	.4	1.5	1.5	1.3	.5	.1						5.2	9.7
NNW	.5	1.8	1.6	1.4	.2							5.5	8.7
VARBL	.0	.1										.1	4.4
CALM												25.7	
	6.3	25.8	24.7	14.2	3.1	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

6502

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.5	3.8	1.5	.3							11.1	7.2
NNE	.9	1.3	1.2	.9	.3							4.5	8.0
NE	.6	.8	.3	.3	.3							2.2	7.6
ENE	.4	.5	.5	.1								1.5	6.2
E	.4	.1		.5								1.0	8.8
ESE	.1	.4										.5	4.3
SE	.5	.6	.5									1.7	5.2
SSE	.4	.8	.1									1.3	4.5
S		1.0	.1									1.2	4.6
SSW		.1										.1	4.0
SW		.1										.1	4.0
WSW													
W	.1	.4										.5	4.8
WNW	.3	1.0	.9	1.7	.3							4.1	10.5
NW	.9	2.6	1.8	3.6	.8							9.6	9.7
NNW	1.9	3.1	3.8	2.4	.4							11.7	8.1
VARBL													
CALM												48.9	
	7.6	17.3	13.1	11.0	2.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

781

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 JUN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	5.6	3.7	1.8	.3							12.9	7.1
NNE	.3	2.5	1.3	1.0	.4							5.5	8.5
NE	.5	.7	.4	.5		.1						2.2	8.3
ENE	.4	.3	.1	.1								.9	6.0
E	.5	.5	.1									1.2	4.2
ESE													
SE	.1	.5	.3									.9	4.9
SSE	.5	.3	.3									.8	5.2
S													
SSW	.3	.1										.4	3.7
SW	.3											.3	3.0
WSW													
W		.4		.3								.7	7.6
WNW	.4	.5	.7	.9	.5							3.0	10.9
NW	.5	2.4	2.9	3.0	.3	.4						9.4	9.8
NNW	1.3	4.2	3.1	.8	.1							9.5	6.6
VARBL													
CALM												52.3	
	6.4	17.9	12.8	8.5	1.6	.5						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 765

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.4	4.4	2.5	.4							12.2	8.5
NNE	.3	1.4	1.4	1.7	.1		.1					5.0	9.8
NE	.1	.3	.6	.4	.3							1.7	10.6
ENE	.1	.6										.8	4.5
E		.3	.1									.4	6.3
ESE	.4											.4	2.7
SE	.1	.3	.1									.5	4.8
SSE	.3	.8	.4									1.4	5.3
S	.3	.6										.9	4.0
SSW	.5	.4		.1								1.0	4.4
SW	.1	.3										.4	3.7
WSW	.1	.5										.6	4.6
W	.8	1.8	.3									2.8	4.5
WNW	.6	3.0	1.3	.8	.4							6.1	7.5
NW	.6	4.8	4.1	2.4	.4							12.3	8.2
NNW	.8	4.8	3.3	2.0	.1							11.1	7.6
VARBL													
CALM												42.6	
	5.5	24.3	16.0	9.9	1.7		.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

787

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716" STATION HELLENIKON AB GR 73-81 YEARS JUN MONTH
 ALL WEATHER CLASS J900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.1	4.0	1.5	.1						9.0	12.5
NNE	.1	.6	1.4	3.7	2.3	.4						8.6	14.2
NE		.1	.6	1.4	.6	.3						3.1	14.8
ENE		.1	.3	1.0								1.4	11.7
E	.3	.1	.1	.1								.6	6.4
ESE													
SE													
SSE				.3								.3	13.0
S	.3	.6	.5									1.4	5.8
SSW	.5	2.8	.5		.3							4.1	5.9
SW	1.3	4.5	1.0									6.8	5.1
WSW	.9	9.1	2.8									12.9	5.6
W	1.8	13.3	6.2	.3								21.5	5.9
WNW	.9	3.5	3.2	1.9	.5	.1						10.2	8.6
NW	.1	1.7	3.1	1.7	.3	.3						7.1	9.8
NNW	.1	1.0	1.2	1.4	.3							4.0	9.9
VARBL													
CALM												9.0	
	6.4	38.7	23.0	15.8	5.8	1.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

167160 STATION HELLINIKON AB GR 73-81 YEARS JUN MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.2	1.8	1.6	.1						5.2	13.8
NNE		.1	1.6	4.2	2.3	.7						8.9	15.1
NE		.3	.9	1.4	.5	.3						3.4	13.6
ENE			.5	1.0	.7	.1						2.3	14.4
E		.3	.3	.3								.8	10.3
ESE			.1									.1	8.0
SE			.1	.1								.3	11.0
SSE		.4	.4	.1								.9	7.3
S	.1	1.6	5.2	1.8	.1							8.9	9.2
SSW	.3	5.6	9.6	1.7								17.2	7.8
SW	.1	6.9	7.0	.5								14.6	7.1
WSW	.3	7.4	4.9	.3								12.9	6.5
W	.4	6.8	6.6	1.3								15.1	7.5
WNW		.9	1.7	.9	.5							4.0	10.7
NW		.4	.7	1.0	.4							2.5	11.9
NNW		.3	.4	.5	.3							1.4	11.4
VARBL													
CALM												1.6	
	1.2	31.4	41.3	17.1	6.4	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 768

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.5	2.2	.7	.3						3.9	14.0
NNE		.3	1.0	4.3	1.7	.5						7.8	14.9
NE			.7	.9	1.0	.5						3.1	15.9
ENE			.8	3.4	1.3	.3						5.7	14.8
E	.1	.5	.8	2.3	.5							4.3	12.5
ESE			.4	.1								.5	9.3
SE		.3		.1								.4	8.0
SSE		.1	.9	1.2	.1							2.3	12.0
S	.3	2.1	14.8	5.9	.1							23.1	9.7
SSW		5.0	14.0	3.7								22.6	8.8
SW	.1	2.9	4.7	.9								8.6	7.7
WSW	.8	2.2	1.2									4.2	5.7
W		2.6	2.3	.5								5.5	7.3
WNW	.1	.4	.4	1.4	.8							3.1	12.4
NW		.4	.4	.7	.4							1.8	11.4
NNW			.7	.5								1.2	11.2
VARBL			.1									.1	7.0
CALM												1.6	
	1.4	17.0	43.6	28.2	6.7	1.6						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

766

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALI. WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.2	1.7	.3							3.5	11.6
NNE		.5	2.3	4.0	.8							7.7	12.5
NE		.8	.8	2.1	.6							4.3	11.8
ENE		.4	3.2	3.8	1.4							8.8	12.4
E		.9	1.7	3.0	.3	.1						6.0	11.5
ESE		.4	.1	.1								.6	8.0
SE			1.8	.6	.4							2.9	7.0
SSE	.1	4.7	6.1	1.3								12.2	7.6
S	.5	8.0	13.1	1.8								23.5	7.5
SSW	.4	4.0	3.6	.8								8.8	7.2
SW	.1	1.2	1.3									2.6	6.3
WSW	.1	.8	.6	.1								1.7	6.5
W	.5	.6	1.0	.1								2.3	6.5
WNW	.3	.3	.9	1.4	.6	.1						3.6	13.0
NW		.4	.4	1.2	.1							2.1	11.3
NNW	.4	.1	.8	1.4	.3							3.0	11.5
VARBL													
CALM												6.5	
	2.5	25.3	37.9	23.2	4.4	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 771

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.2	3.3	1.4	.1							9.2	7.9
NNE	.6	2.4	2.2	1.8		.1						7.2	8.5
NE	.3	1.3	1.2	.1								2.8	6.1
ENE	.5	.9	1.4	.8	.5							4.1	5.2
E	.5	.8	.1	.5								1.9	7.3
ESE	.3	.8	.1									1.2	4.2
SE	.9	3.5	.8									5.1	5.0
SSE	1.8	4.0	1.2									6.9	4.8
S	.8	3.3	1.0									5.4	5.1
SSW	.3	.6										.9	4.0
SW		.5	.1	.1								.8	6.3
WSW	.3	.3	.1									.6	5.2
W	.3	.5	.4									1.2	5.8
WNW	.4	.9	1.2	1.9	.9							5.2	11.1
NW	.5	1.3	1.5	2.4	.6							6.4	10.5
NNW	1.0	2.2	2.0	1.3	.4							6.9	8.0
VARBL													
CALM												34.3	
	8.4	27.4	16.9	10.4	2.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS **782**

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	2.5	2.1	.6	.1						8.4	9.4
NNE	.3	1.1	1.5	2.7	1.0	.2	.0					6.9	12.0
NE	.2	.5	.7	.9	.4	.1						2.8	11.6
ENE	.2	.4	.9	1.3	.5	.0						3.2	11.7
E	.2	.4	.4	.8	.1	.0						2.0	10.2
ESE	.1	.2	.1	.0								.4	5.7
SE	.2	.9	.3	.1								1.5	5.7
SSE	.4	1.4	1.2	.4	.0							3.3	6.9
S	.3	2.2	4.3	1.2	.0							8.0	8.2
SSW	.3	2.3	3.4	.8	.0							6.8	7.8
SW	.3	2.0	1.8	.2								4.2	6.7
WSW	.3	2.5	1.2	.0								4.1	6.0
W	.5	3.3	2.1	.3								6.2	6.5
WNW	.4	1.3	1.3	1.4	.6	.0						4.9	10.0
NW	.3	1.7	1.9	2.0	.4	.1						6.4	9.7
NNW	.7	2.0	1.9	1.3	.2							6.1	8.2
VARBL			.0									.0	7.0
CALM												24.7	
	4.9	24.9	25.5	15.5	3.9	.6	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6197

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	10.3	5.5	1.4	.3	.1						19.1	6.8
NNE	.8	4.2	2.5	1.7	.3							9.4	7.9
NE	.1	1.5	.9	.9		.1						3.6	8.8
ENE	.9	.6	.4	.5	.1							2.5	7.1
E	.1	.3	.4	.8	.1							1.7	10.4
ESE	.3	.3										.5	3.8
SE	.4	.4										.8	3.7
SSE	.1	.3										.4	3.7
S		.1										.1	6.0
SSW			.1									.1	10.0
SW													
WSW		.3										.3	5.5
W	.3	.8	.1									1.1	5.0
WNW	.3	1.0	.6	.3								2.2	6.7
NW	1.0	3.1	2.3	1.7	.3							8.3	7.6
NNW	2.0	3.2	2.7	1.7								9.5	6.7
VARBL													
CALM												40.5	
	7.8	26.2	15.5	8.8	1.0	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

786

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	8.4	9.5	3.3								23.6	7.3
NNE	.5	3.4	2.9	1.7	.3							8.8	8.1
NE	.8	1.7	1.3	.5								4.2	6.8
ENE	.3	.6	.4	.3								1.5	6.9
E	.1	.5	.6									1.3	6.5
ESE													
SE		.1										.1	5.0
SSE	.1	.1										.3	3.5
S		.1										.1	4.0
SSW	.1											.1	3.0
SW	.1											.1	3.0
WSW													
W		.4										.4	4.7
WNW	.3	.6	.3	.9								2.0	8.9
NW	1.1	2.4	1.8	.9	.1							6.4	7.0
NNW	1.7	5.9	2.3	1.3	.3							11.4	6.5
VARBL													
CALM												39.6	
	7.5	24.4	19.0	8.8	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 783

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	7.2	7.3	5.5	.8	.1						21.5	9.0
NNE	.1	2.4	3.2	2.9	1.	.1						9.9	10.3
NE	.3	.8	1.2	.4	.1							2.7	8.2
ENE	.3	.4	1.0									1.7	6.9
E		.5	.3									.8	6.3
ESE	.1	.3										.4	4.0
SE	.1			.1								.3	8.5
SSE	.1	.1										.3	3.5
S	.1											.1	3.0
SSW	.1	.3										.4	4.3
SW	.1	.3										.4	3.7
WSW	.1	.4										.5	4.3
W	.5	.5	.4									1.4	4.9
WNW	1.2	2.8	1.5	.5	.1	.1						6.3	6.4
NW	1.2	4.4	2.6	.8	.1							9.0	6.7
NNW	.5	4.6	4.2	1.4	.3							11.0	7.7
VARBL													
CALM												33.5	
	5.5	24.9	21.7	11.7	2.4	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

780

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167168 STATION HELLENIKON AB GR 73-81 YEARS JUL MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	3.6	6.8	2.1	.3						13.9	12.8
NNE		.5	3.0	6.2	1.9	.6	.3					12.5	14.1
NE			1.9	3.4	.8	.3						6.3	14.0
ENE		.1	.1	.5	.1	.1						1.0	13.1
E		.5	.5	.3	.1							1.4	9.9
ESE		.1										.1	4.0
SE			.1	.1								.3	11.0
SSE		.1	.1	.1								.4	10.0
S	.1	.1	.4									.6	6.6
SSW	.1	2.1		.3								2.4	5.9
SW	.5	3.9	1.2									5.5	5.4
WSW	1.3	7.5	1.9									10.7	5.3
W	.6	11.0	5.0	.4								17.0	6.1
WNW	.3	4.9	4.8	.4	.1							10.4	7.2
NW		2.4	3.7	1.7	.3	.3						8.4	9.4
NNW		.9	2.1	1.7	.5							5.2	10.5
VARBL												3.7	
CALM													
	3.1	35.2	28.5	21.8	5.9	1.5	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 776

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.8	2.6	2.0	.3						7.3	14.0
NNE			2.0	5.9	3.1	.6						11.6	14.8
NE			1.5	3.1	1.4	.3	.1					6.4	14.8
ENE			1.3	2.2	.5							4.0	12.9
E			.9	.5	.5							1.9	13.3
ESE			.1	.4	.3							.8	15.5
SE		.1										.1	6.0
SSE		.1	.5	.4	.1							1.2	10.6
S		1.3	3.5	.4								5.1	8.5
SSW	.3	3.1	5.4	1.0								9.7	7.6
SW	.1	5.8	6.8									12.7	6.9
WSW	.4	7.5	6.8	.3								15.0	6.7
W	.3	4.9	7.4	1.5	.1							14.2	7.9
WNW		1.0	1.5	1.2	.3							4.0	9.7
NW		.1	.9	1.5	.1	.3						2.9	12.8
NNW	.1	.1	.5	1.0	.4							2.2	12.5
VARBL													
CALM												1.0	
	1.3	24.6	40.9	21.9	8.8	1.4	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.0	2.5	1.1	.3						4.9	14.7
NNE		.3	2.1	5.5	2.4	.1						10.5	14.1
NE		.1	1.1	3.4	1.4	.1	.1					6.3	14.3
ENE		.3	1.8	4.9	2.4	.1						9.4	14.3
E	.1	.4	1.5	4.2	1.6	.5						8.3	14.1
ESE		.1	.6	.9	.5							2.1	13.4
SE			.1	.3								.4	12.7
SSE		.3	1.5	1.0								2.8	10.2
S		2.1	10.3	4.0	.1							16.6	9.6
SSW		2.9	8.8	6.3								18.0	9.8
SW		2.3	4.3	1.9								8.4	8.4
WSW	.1	2.4	1.5	.3								4.3	6.8
W	.1	1.3	1.3	.3								2.9	7.0
WNW		.8	.5	.8								2.0	9.3
NW			.1	.8	.6							1.5	15.4
NNW		.1	.1	.5	.3							1.0	13.5
VARBL		.1										.1	6.0
CALM												.4	
	.4	13.4	36.8	37.4	10.5	1.1	.1					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16716

HELLENIKON AB GR

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.7	2.5	.9							5.2	13.2
NNE		.5	2.5	6.0	2.0							11.1	13.2
NE		.4	2.5	3.1	.8	.1						6.9	12.6
ENE		.8	3.6	7.0	1.0	.1						12.5	12.4
E	.1	.3	2.8	5.9	2.3	.3						11.6	13.8
ESE		.1	.4	.1								.6	9.8
SE		.6	.9	.5								2.0	8.9
SSE		3.6	4.3	.3								8.1	7.1
S	.6	4.8	10.7	1.1								17.3	7.8
SSW	.4	1.8	4.6	2.8								9.5	9.3
SW	.1	1.4	1.9	.3	.1							3.8	8.1
WSW	.1	.6	.5									1.3	6.2
W	.1	.1	.5	.4								1.1	8.7
WNW		.4		.9								1.3	11.7
NW		.1	.5	.6	1.0							2.3	14.7
NNW			.5	.3	.1							.9	11.3
VARBL													
CALM												4.5	
	1.5	15.6	37.9	31.7	8.3	.5						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

786

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	4.9	5.1	1.4								12.1	7.4
NNE	.3	3.7	4.3	1.0	.8							10.1	8.4
NE	.4	1.0	1.4	1.7	.1							4.6	9.4
ENE	.4	1.9	1.8	1.9								6.0	8.8
E	.1	1.8	1.8	1.3	.5							5.5	9.7
ESE	.3	.4	.1	.1								.9	6.0
SE	.3	1.5	.4									2.2	5.1
SSE	.6	4.2	.9									5.8	5.0
S	1.0	2.7	.6									4.3	5.0
SSW	.3	.6	.5	.1								1.5	6.3
SW	.3	.5										.8	4.3
WSW	.1	.4										.5	4.0
W	.3	.6	.4									1.3	5.6
WNW	.4	.8	.3	1.2	.4							2.9	10.0
NW	1.2	1.7	1.7	1.4	.6	.1						6.6	9.3
NNW	.4	1.9	2.2	.9	.3	.1						5.8	8.5
VARBL													
CALM												29.0	
	6.9	28.6	21.5	11.0	2.7	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

782

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16/160 HELLENIKON AB GR 73-81 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

CONDITION

ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.1	4.4	3.3	.9	.1						13.4	9.3
NNE	.2	1.9	2.8	3.9	1.5	.2	.0					10.5	11.6
NE	.2	.7	1.5	2.0	.6	.1	.0					5.1	11.9
ENE	.2	.6	1.3	2.2	.5	.0						4.8	11.6
E	.1	.5	1.1	1.6	.7	.1						4.1	12.3
ESE	.1	.2	.2	.2	.1							.7	10.3
SE	.1	.4	.2	.1								.8	7.0
SSE	.1	1.1	.9	.2	.0							2.4	7.0
S	.2	1.4	3.2	.7	.0							5.6	8.2
SSW	.2	1.3	2.4	1.3								5.3	8.8
SW	.2	1.8	1.8	.3	.0							4.0	7.1
WSW	.3	2.4	1.3	.1								4.1	6.1
W	.3	2.4	1.9	.3	.0							4.9	6.8
WNW	.3	1.5	1.2	.7	.1	.0						3.9	8.0
NW	.6	1.8	1.7	1.2	.4	.1						5.7	8.9
NNW	.6	2.1	1.8	1.1	.3	.0						5.9	8.0
VARBL		.0										.0	6.0
CALM												19.0	
	4.2	24.1	27.7	19.2	5.0	.7	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 6269

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS AUG MONTH

ALL WEATHER CLASS 0000-0200 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	10.8	8.9	3.7	.4							25.5	7.5
NNE	.6	2.7	2.5	2.9	1.0							9.8	9.9
NE		1.1	1.1	.9	.4	.1						3.7	10.3
ENE	.8	.8	.5	.3		.1	.1					2.5	8.1
E	.4	.5	.1									1.0	4.3
ESE		.1										.1	4.0
SE		.3										.3	5.0
SSE	.4	.1										.5	3.3
S		.1										.1	4.0
SSW	.3											.3	3.0
SW	.1											.1	3.0
WSW	.1											.1	3.0
W	.1	.1										.3	3.5
WNW	.3	.8	.3		.1							1.4	6.2
NW	.8	2.4	1.4	1.5	.4							6.5	8.4
NNW	1.1	5.1	2.9	1.1	.1							10.4	6.6
VARBL		.1										.1	4.0
CALM												37.2	
	6.6	25.1	17.8	10.4	2.4	.3	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 785

2 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	13.3	9.5	4.7	.9							30.3	7.7
NNE	1.4	3.2	4.0	3.8	.4							12.8	9.3
NE	.5	.6	.6	.5	.4							2.7	9.3
ENE	.6	.5										1.2	4.1
E	.9	.4										1.3	3.4
ESE		.3										.3	4.0
SE													
SSE	.1	.1										.3	4.0
S													
SSW		.1										.1	5.0
SW													
WSW													
W		.1										.1	4.0
WNW	.3	.1	.1	.3								.8	6.0
NW	.1	2.4	1.0	.6								4.2	6.8
NNW	1.3	4.2	3.7	1.5								10.8	7.1
VARBL													
CALM												35.3	
	7.1	25.5	19.0	11.5	1.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

780

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	8.7	10.3	7.1	1.4							28.7	9.0
NNE	.5	3.3	3.2	5.0	1.1	.3						13.3	10.7
NE	.4	.8	.8	.9	.4							3.2	9.8
ENE	.1	.8	.3									1.1	5.7
E	.1	.3	.1	.5								1.0	9.6
ESE													
SE		.4	.1									.5	6.0
SSE	.1	.1										.3	4.5
S			.1									.1	8.0
SSW													
SW	.3											.3	3.0
WSW		.1										.1	6.0
W	.4		.1									.5	4.3
WNW	.1	.6										.8	4.2
NW	.3	2.8	.8	.5								4.3	6.4
NNW	1.0	5.5	4.2	1.3	.4							12.3	7.1
VARBL													
CALM												33.4	
	5.2	22.6	19.9	15.2	3.3	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	3.7	8.2	2.2	1.0						16.1	13.4
NNE		.5	2.8	8.7	6.1	.8						18.9	14.9
NE		.3	1.0	5.1	1.7	.1	.1					6.3	14.4
ENE		.1	.5	.6	.1							1.4	11.5
E			.1	.8								.9	14.4
ESE						.1						.1	23.0
SE		.1										.1	6.0
SSE		.1										.1	6.0
S				.4								.4	14.3
SSW	.3	.8	.3									1.3	5.3
SW	.1	2.8	.6	.3								3.8	5.7
WSW	.8	4.3	1.7									6.8	5.5
W	.8	8.0	3.3									12.1	5.9
WNW	.6	4.9	4.5	.5								10.5	6.9
NW	.4	2.6	3.3	.6								6.9	7.5
NNW	.3	1.7	2.4	2.2								6.5	9.0
VARBL													
CALM												5.7	
	3.4	26.9	24.3	27.3	10.1	2.0	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	2.0	3.9	2.0	1.1						9.2	14.9
NNE	.1	.1	3.0	7.4	6.4	1.3						18.4	15.5
NE			2.1	5.4	1.9	.3						9.7	14.4
ENE			.8	1.4	.5							2.6	13.4
E		.3	.4	1.3	.6	.1						2.6	14.1
ESE			.3	.1								.4	12.0
SE			.3									.3	9.0
SSE			.3		.1							.4	11.3
S		.4	2.6	.4	.1							3.5	9.3
SSW	.5	2.1	4.2	.8								7.6	7.9
SW	.3	3.7	7.4	.5								11.9	7.5
WSW	.6	5.4	5.0	.3								11.3	6.8
W		3.7	7.9	1.1	.1							12.9	8.4
WNW		.9	2.6	.8								4.3	9.1
NW		.3	.8	1.3	.1	.1						2.5	12.5
NNW		.3	.8	.6	.1							1.8	11.1
VARBL													
CALM												.6	
	1.5	17.2	40.5	25.2	12.1	2.9						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

793

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.3	3.0	1.8	.1						6.3	14.5
NNE		.4	2.1	6.0	6.	1.1						15.6	15.7
NE			1.4	4.6	3.6	.1						9.8	15.3
ENE	.1	.5	1.8	4.5	3.0	.6						10.5	14.1
E		.1	2.0	5.6	2.0	.3						10.0	14.0
ESE		.1	.9	1.0								2.0	11.3
SE		.1	.3	.3								.6	9.6
SSE		.4	.6	.8								1.8	9.9
S		1.0	8.4	2.5	.1							12.0	9.9
SSW	.3	1.5	8.1	5.1	.1							15.1	10.0
SW		1.1	2.0	2.3								5.4	9.8
WSW		1.6	2.0	.1								3.8	7.1
W		1.6	1.0									2.6	6.5
WNW		.5	.5	.5								1.5	9.2
NW		.3	.5	.1								.9	9.0
NNW		.5	.5	.4								1.4	8.7
VARBL													
CALM												.8	
	.4	9.9	33.3	36.8	16.6	2.3						100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

799

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	1.8	2.6	2.0	.4						7.5	13.8
NNE	.1	.6	3.5	8.2	1.9	.3						14.6	13.1
NE		.9	3.0	7.4	.8							12.1	12.4
ENE	.1	1.3	3.3	10.1	2.0	.3						17.0	12.9
E	.1	.6	2.4	6.7	1.3	.1						11.2	13.0
ESE		.8	1.0	.3								2.0	7.8
SE		.3	.3									.5	7.5
SSE	.3	3.6	2.1	.3								6.3	6.6
S	.4	4.6	8.0	1.0	.1							14.2	7.8
SSW	.1	2.1	2.8	1.5								6.5	8.3
SW	.3	.1	.3									.6	5.6
WSW		.8	.3									1.0	6.0
W		.4										.4	4.3
WNW	.1	.1	.1									.4	5.7
NW		.5	.1	.6								1.3	10.1
NNW	.1	.1	.3	.8								1.3	11.5
VARBL													
CALM												3.3	
	1.6	17.6	29.1	39.3	8.0	1.0						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

796

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	7.2	8.3	2.8	.5							19.8	8.1
NNE	.5	3.6	5.5	4.8	.6							15.1	9.5
NE	.3	2.1	1.5	1.9	.1							5.9	9.3
ENE	.1	2.1	3.5	1.3	.1							7.2	8.4
E	.4	1.1	1.3	1.8	.1							4.6	9.5
ESE	.3	.5	.3									1.0	5.0
SE	.4	1.4	.1									1.9	4.5
SSE	1.1	2.4	.4									3.9	4.6
S	1.5	3.1	.4	.1								5.1	4.8
SSW	.1	1.2		.1								1.4	5.5
SW		.5		.1								.6	6.2
WSW		.1	.3									.4	8.0
W	.4	.4	.1	.1								1.0	5.8
WNW		.1	.3	.1								.5	8.5
NW	.4	1.3	1.4	.9	.3	.1						4.3	9.2
NNW	.8	3.1	1.1	1.0	.1							6.1	7.0
VARBL													
CALM												21.2	
	7.3	30.2	24.3	14.9	1.9	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 797

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

ALL

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	5.1	5.7	4.5	1.4	.3						17.9	9.7
NNE	.4	1.8	3.3	5.9	3.0	.5						14.8	12.7
NE	.1	.7	1.5	3.4	1.2	.1	.0					6.9	12.8
ENE	.2	.8	1.3	2.3	.7	.1	.0					5.5	11.8
E	.2	.4	.8	2.1	.5	.1						4.1	12.2
ESE	.0	.2	.3	.2		.0						.7	8.9
SE	.0	.3	.1	.0								.5	6.2
SSE	.3	.9	.4	.1	.0							1.7	6.4
S	.2	1.2	2.5	.6	.3							4.5	8.3
SSW	.2	1.0	1.9	.9	.0							4.1	8.7
SW	.1	1.0	1.3	.4								2.8	7.6
WSW	.2	1.6	1.2	.0								2.9	6.4
W	.2	1.8	1.6	.2	.0							3.7	6.9
WNW	.2	1.0	1.0	.3	.0							2.5	7.4
NW	.2	1.6	1.2	.8	.1	.0						3.8	8.2
NNW	.6	2.5	2.0	1.1	.1							6.3	7.5
VARBL		.0										.0	4.0
CALM												17.1	
	4.1	21.9	26.1	22.7	7.0	1.1	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 6320

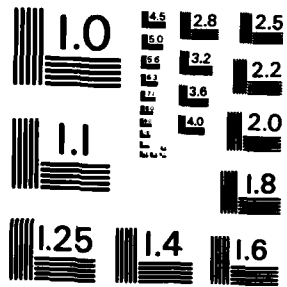
AD-A122 712

HELLENIKON AB GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB 29 JUL 82
USAFETAC/DS-82/048 SBI-AD-8850 308 F/G 4/2

25

UNCLASSIFIED

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	8.8	5.4	3.7	.6	.3						19.6	8.3
NNE	.8	3.7	1.7	2.8	.8	.1						9.9	9.3
NE	.6	1.2	.6	.8	.3							3.5	8.6
ENE	.5	1.6	1.0	.3								3.4	6.5
E	1.0	.9	.5	.4	.1							3.0	6.3
ESE		.9										.9	4.1
SE	.8	.4										1.2	3.2
SSE		.3										.3	4.0
S			.1									.1	10.0
SSW		.3	.1									.4	7.0
SW			.4									.4	8.7
WSW				.1								.1	12.0
W				.1								.1	12.0
WNW	.1	.5	.1	.1	.4							1.3	9.8
NW	.3	.9	.9	.9	.4							3.4	9.5
NNW	.6	4.1	1.7	.8	.1							7.4	6.7
VARBL													
CALM												45.1	
	5.6	23.5	12.7	10.1	2.7	.4						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

774

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	9.1	6.8	2.6	.7	.1						20.7	7.7
NNE	1.3	3.6	2.5	2.3	1.8		.1					11.7	9.5
NE	1.0	2.9	1.6	1.0								6.5	6.9
ENE	.7	1.0	.5	.4								2.6	6.4
E	.4	.8	.7	.1								2.0	5.9
ESE	.4	.1	.1	.1								.8	5.5
SE													
SSE		.1										.1	4.0
S	.1	.1										.3	3.5
SSW		.1										.1	5.0
SW													
WSW			.4									.4	9.0
W		.3	.1	.1								.5	7.5
WNW	.1	.3	.1		.3							.8	10.8
NW		.8	.5	.5	.1							2.0	8.6
NNW	.7	3.5	2.5	.5	.1							7.3	6.7
VARBL													
CALM												44.3	
	6.1	22.8	15.7	7.8	3.0	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

769

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	9.2	7.5	4.1	1.3							23.4	8.5
NNE	.8	3.3	3.3	2.5	.7	.1						10.7	9.0
NE	.7	2.1	1.1	1.6	.8							6.2	9.4
ENE	.4	.5	.4	.5	.4							2.2	9.8
E	.9	1.1	.3	.1								2.4	5.0
ESE	.4		.3									.7	5.8
SE		.4	.4									.8	6.5
SSE	.1	.5										.7	4.4
S	.1			.1								.3	8.5
SSW		.1										.1	4.0
SW													
WSW		.1	.1									.3	7.0
W													
WNW	.5	.1	.4	.1								1.2	6.6
NW	.3	.9	.3	.1								1.6	5.9
NNW	.7	3.3	2.9	1.4	.3	.4						8.9	8.7
VARBL													
CALM												40.7	
	6.2	21.7	16.8	10.7	3.4	.5						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 760

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160

HELLENIKON AB GR

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURL (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.4	3.9	6.5	4.3	.3						17.9	12.6
NNE		1.3	3.2	5.8	3.9	.9						15.1	13.9
NE	.3	.4	1.1	2.8	.5							5.1	12.1
ENE		.1	.8	.8								1.6	11.0
E		.4	.5	.4								1.3	9.6
ESE		.1	.1									.3	6.0
SE		.1	.1	.1								.4	8.7
SSE		.3										.3	4.5
S	.1	.1	1.0	.5								1.8	9.5
SSW	.4	1.3	1.0	.1	.1	.1						3.0	7.3
SW	.4	1.5	.4									2.3	5.2
WSW	.9	4.6	1.0									6.5	5.1
W	1.1	7.1	1.8	.1								10.2	5.3
WNW	1.0	3.0	3.3	.1	.4							7.9	6.9
NW	.6	2.4	2.3	.4	.5	.1						6.3	8.4
NNW	.4	2.4	2.8	.8	.4	.1						6.9	8.5
VARBL													
CALM												13.3	
	5.7	27.5	23.4	18.4	10.2	1.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

788

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.3	3.3	1.9	.5	.1					7.7	14.6
NNE	.1		1.7	8.7	4.3	2.0						16.8	15.8
NE		.4	1.3	3.3	1.3	.1						6.4	13.4
ENE			.9	1.0	.6							2.6	13.8
E		.4	.6	.6	.3							1.9	11.3
ESE			.1	.3								.4	13.0
SE			.3	.1								.4	10.7
SSE		.3	.3									.5	7.3
S		1.3	2.4	.9								4.6	8.6
SSW		2.0	4.3	.9								7.3	8.2
SW	.3	5.2	4.0	.5								9.9	6.8
WSW	.4	9.4	5.5	.3								15.6	6.4
W	.1	7.3	5.5									12.9	6.4
WNW	.1	1.0	2.9	1.3	.1							5.5	9.8
NW		.5	.9	1.5	.1							3.1	11.0
NNW		.4	.9	.5	.4		.1					2.3	12.4
VARBL													
CALM												2.3	
	1.0	28.7	32.8	23.2	9.1	2.7	.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

784

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.5	4.4	.8							7.0	13.2
NNE		.5	1.7	8.8	3.2	1.0						15.2	14.7
NE		.3	1.7	2.6	1.0							5.5	13.1
ENE		.1	2.0	2.6	.9	.1						5.8	13.0
E	.1	.6	2.9	5.5	.8							10.0	12.3
ESE	.3	.3	.8	.5								1.8	8.5
SE		.1	.5									.6	8.0
SSE		.1	.9	.6	.1							1.8	11.0
S		2.6	9.0	2.6	.1							14.2	9.1
SSW	.4	2.9	8.7	3.1	.1							15.2	9.2
SW	.1	1.9	3.1	.3								5.4	7.6
WSW	.4	3.1	1.8									5.2	6.1
W		2.4	1.8									4.2	6.4
WNW		.9	.3	1.2	.1							2.4	10.6
NW			.4	1.0	.3							1.7	13.9
NNW		.6	.4	.1	.3		.1					1.5	10.3
VARBL		.1										.1	6.0
CALM												2.2	
	1.3	17.0	37.4	33.2	7.7	1.2	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

781

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH
1800-2000
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	2.9	2.9	1.7							8.3	12.2
NNE		1.0	3.7	5.7	1.8	.5						12.7	12.8
NE		1.1	2.7	3.3	.1							7.3	10.4
ENE	.3	1.8	5.2	6.0	.9							14.1	11.1
E	.3	1.7	4.7	6.0	1.0							13.6	11.2
ESE	.1		.4									.5	6.8
SE	.3	1.3	1.1	.4								3.1	7.2
SSE	.5	4.8	2.4	.3								8.0	6.0
S	1.0	6.1	5.3	.5								13.0	6.6
SSW	.1	1.9	2.3	.1								4.5	7.0
SW		.5	.1	.1	.1							.9	9.1
WSW		.3										.3	4.0
W	.1	.6	.1									.9	5.3
WNW		.1	.3	.4	.1							.9	11.3
NW	.1	.4	.3	1.1	.6							2.5	12.5
NNW	.1	.8	.4	.3	.3							1.8	8.9
VARBL													
CALM												7.8	
	3.1	23.0	31.9	27.1	6.6	.5						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 786

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167 STATION HELLENIKON AB GR 73-81 YEARS SEP MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.6	6.5	2.4	.9							16.7	8.3
NNE	.5	3.1	2.8	1.9	.9	.1						9.4	9.4
NE	.5	2.2	1.9	1.0		.1						5.8	8.0
ENE	.8	2.1	3.0	1.5	.1							7.4	8.4
E	.5	1.7	1.8	1.2	.3							5.4	8.4
ESE	.5	.4										.9	3.4
SE	.8	2.1	.1									3.0	4.4
SSE	.4	1.8	.3									2.4	4.7
S	.1	1.3	.4	.1								1.9	6.0
SSW	.3	.4	.3	.1								1.0	6.8
SW		.1	.1	.1								.4	8.3
WSW		.4	.3									.6	6.4
W	.6		.1		.1							.9	6.0
WNW	.1	.5	.3	.5	.3	.1						1.8	11.4
NW	.1	.8	1.4	.5	.5	.3						3.6	10.9
NNW	.6	2.2	1.2	.6	.3							4.9	7.7
VARBL													
CALM												33.9	
	7.1	24.5	20.4	10.1	3.3	.6						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 779

2
f

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.5	4.5	3.7	1.5	.1	.0					15.1	9.8
NNE	.4	2.1	2.6	4.9	2.2	.6	.0					12.7	12.3
NE	.4	1.3	1.5	2.1	.5	.0						5.8	10.2
ENE	.3	.9	1.7	1.6	.4	.0						5.0	10.3
E	.4	.9	1.5	1.8	.3							5.0	10.0
ESE	.2	.2	.2	.1								.8	6.5
SE	.2	.5	.3	.1								1.2	6.0
SSE	.1	1.0	.5	.1	.0							1.8	6.3
S	.2	1.4	2.3	.6	.0							4.5	7.9
SSW	.1	1.1	2.1	.5	.0	.0						4.0	8.3
SW	.1	1.2	1.0	.1	.0							2.4	7.0
WSW	.2	2.3	1.1	.0								3.6	6.1
W	.3	2.2	1.2	.0	.0							3.7	6.0
WNW	.3	.8	1.0	.5	.2	.0						2.7	8.9
NW	.2	.8	.9	.8	.3	.0						3.0	9.9
NNW	.4	2.2	1.6	.6	.3	.1	.0					5.1	8.1
VARBL		.0										.0	6.0
CALM												23.5	
	4.5	23.6	24.0	17.6	5.8	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6221

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160

HELLENIKON AB GR

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	6.7	5.3	3.2	.6							18.0	8.1
NNE	.5	2.4	2.9	2.2	.6	.5						9.1	10.2
NE	2.2	1.2	.7	1.1	.6	.1						6.1	8.2
ENE	1.4	2.4	1.0	1.5	.6							6.8	8.1
E	1.1	1.6	.5	.6	.2							4.1	6.9
ESE	.2	.6	.2	.2	.1							1.5	7.7
SE	.6	1.5	.5	.2	.1							3.0	6.4
SSE	.2	.6	.6	.6								2.1	8.6
S	.2	.4	.7	.7	.2	.1						2.5	11.3
SSW		.1	.5	.6	.1	.1						1.5	12.4
SW		.2	.5									.7	8.3
WSW		.2	.2	.1								.6	7.8
W	.1	.2	.1	.2								.7	9.2
WNW		.1	.6	.5	.1							1.4	10.5
NW		.6	.5	.6	.1							1.9	9.9
NNW	.6	2.1	2.9	.4	.6							6.6	8.1
VARBL													
CALM												33.4	
	9.4	21.1	17.9	13.0	4.2	.9						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

805

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	7.3	5.7	2.8	.7	.1						18.1	8.0
NNE	1.1	3.8	2.2	2.8	.7	.4						11.1	9.2
NE	1.5	1.9	1.5	.9	1.0							6.7	8.5
ENE	1.7	1.5	.7	1.0	.2							5.2	6.9
E	1.5	1.4	.7	.4		.1						4.1	6.2
ESE	.6	.4	.1	.2	.2							1.6	7.7
SE	.4	1.0	.9	.4	.2							2.8	8.2
SSE	.2	.6	1.0	.1	.2							2.2	8.4
S		.5	.7	.4								1.6	8.7
SSW		.2	.1	.5	.2							1.1	12.4
SW		.2	.2	.2	.1							.9	11.3
WSW	.2	.2			.1							.6	7.4
W		.1	.4	.1								.6	8.4
WNW		.1	.1	.5								.7	11.0
NW	.4	1.1	.7	.2								2.5	6.8
NNW	.2	2.2	1.2	.4	.5							4.6	8.1
VARBL													
CALM												35.6	
	9.4	22.6	16.4	11.0	4.4	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

610

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MORPH
 3600-0800
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.2	6.4	3.8	.7	.4						18.0	8.7
NNE	1.0	2.7	2.7	2.8	1.1	.2						10.6	10.0
NE	1.1	2.0	1.8	1.6	.9	.1						7.5	9.6
ENE	1.2	2.0	1.0	.5	.4	.1						5.2	7.4
E	.9	1.1	.4		.1	.1						2.6	6.6
ESE	.5	1.1	.4	.1								2.1	5.6
SE	.4	1.0	.7	.1								2.2	6.4
SSE	.2	.4	.7	.1		.1						1.6	8.7
S		.7	.4	.4		.1						1.6	9.6
SSW		.6	.1	.2	.4							1.4	10.3
SW				.1	.2							.4	16.0
WSW		.2	.2			.1						.6	10.2
W			.1	.1								.2	10.0
WNW			.4	.2								.6	11.4
NW	.2	.7	.6	.2	.1							2.0	8.1
NNW	.4	2.8	1.6	1.0	.1							5.9	7.4
VARBL													
CALM												37.5	
	7.4	20.6	17.6	11.5	4.1	1.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

811

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.7	5.1	3.7	1.2	.1						13.1	10.4
NNE	.2	1.5	2.2	6.2	3.3	.4	.2					14.1	13.6
NE	.2	.4	1.2	2.4	.5	.1	.1					5.0	12.7
ENE	.1	.2	.5	1.2	.2	.1						2.5	12.4
E		.5	.4	.5		.2						1.6	11.6
ESE	.1	.1	.2									.5	6.3
SE		.5	.6	.1								1.2	7.5
SSE		1.1	1.4	.9								3.3	9.0
S		1.7	1.9	.2	.2							4.1	7.7
SSW	.2	.6	1.1	.7	.2							3.0	9.3
SW	.2	1.4	.2	.1	.2	.1						2.4	7.6
WSW	.2	3.3	.1	.2		.1						4.1	5.7
W	.6	3.2	.1									4.0	5.0
WNW	.9	3.2	1.0	.1								5.2	5.5
NW	.9	2.9	.6	.4	.1							4.8	6.1
NNW	.7	3.5	1.7	1.0	.5							7.4	7.6
VARBL													
CALM												23.7	
	4.8	26.9	18.5	17.8	6.7	1.2	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	4.0	3.7	1.4	.2						10.5	11.9
NNE	.2	.1	1.5	7.8	3.0	.5						13.1	14.5
NE	.1	.6	1.2	2.6	.7	.4	.1					5.8	13.6
ENE		.4	1.2	.9		.2	.1					2.9	11.9
E		.4	.9	.6	.1	.1	.1					2.2	12.0
ESE			.1									.1	10.0
SE		.1	.2									.4	8.0
SSE	.1	.2	1.0	1.0	.5							2.9	12.2
S	.2	1.7	3.7	2.7	.2							8.7	9.7
SSW	.4	4.7	2.9	.7	.4							9.0	7.4
SW	.1	4.5	1.4	.1								6.1	6.0
WSW	.2	5.8	2.6	.1	.2							9.0	6.4
W	.9	4.0	4.0	.2		.1						9.2	6.9
WNW	.1	1.6	3.0	.5	.1							5.3	8.0
NW		1.4	1.7	1.4								4.5	9.0
NNW	.1	.6	1.2	1.2	.5							3.7	11.1
VARBL													
CALM												6.6	
	2.9	27.1	30.6	23.7	7.2	1.6	.4					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

807

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.6	2.8	.8							7.2	11.6
NNE		.4	2.9	6.7	2.8	.4	.1					13.2	14.2
NE	.1	.1	1.8	2.8	1.4							6.2	13.0
ENE	.1	1.1	2.8	2.9	.6	.1						7.7	11.0
E		.3	2.0	2.1	.3							4.7	11.7
ESE		.5	.6	.1	.1							1.4	9.5
SE	.3	.1	.9	.6								1.9	9.9
SSE	.1	1.1	2.3	1.1	.4	.1						5.2	10.5
S	.4	3.5	8.3	3.9	.4							16.5	9.2
SSW	.5	5.0	4.8	1.6	.3							12.2	8.0
SW		1.8	1.1		.1							3.0	6.7
WSW	.4	1.9	1.1		.1	.1						3.6	7.0
W	.1	1.9	1.5		.1	.1						3.8	7.5
WNW	.4	1.1	.6	.4								2.5	6.8
NW	.1	.5	.8	.5								1.9	8.8
NNW		.6	1.1	1.1	.4							3.3	11.1
VARBL													
CALM												5.9	
	2.6	20.9	35.2	26.7	7.7	.9	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

795

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.6	4.5	2.2	.4							10.2	9.0
NNE	.1	1.9	3.0	5.6	1.1	.6						12.3	11.9
NE	.1	2.6	4.2	3.1	.6							10.7	10.0
ENE	.4	2.6	5.2	4.3	.7							13.3	10.0
E	.1	.9	2.5	2.4	.5							6.3	11.1
ESE	.4	1.0	.7	.2	.1							2.5	7.1
SE	.1	2.0	1.5	1.2								4.8	7.9
SSE	1.1	3.5	2.1	.5	.4							7.6	6.8
S	1.0	3.0	4.1	1.0	.7							9.8	8.1
SSW	.2	.9	.6	.6								2.4	8.4
SW		.4	.1	.1								.6	8.0
WSW			.2	.2	.2		.1					.9	16.3
W		.2	.2	.2								.7	9.0
WNW		.4	.4	.5								1.2	9.5
NW		.5	.4	.5	.2							1.6	10.3
NNW	.1	.7	1.2	.4								2.5	8.4
VARBL													
CALM												12.7	
	4.2	23.1	31.0	23.2	5.1	.6	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

806

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167 HELLENIKON AB GR 73-81 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.5	4.3	2.9	.2							12.5	8.6
NNE	1.1	2.9	3.6	3.4	1.2	.2						12.5	10.2
NE	.4	2.9	2.3	1.3	.5	.2						7.7	9.2
ENE	.6	2.9	1.8	1.6	.7	.1						7.9	8.9
E	1.2	1.2	1.8	1.2	.4							5.9	8.4
ESE	.5	.9	.4									1.7	4.8
SE	.6	1.8	.7	.4								3.6	6.1
SSE	.6	1.8	1.0	1.0	.1							4.5	7.7
S	.4	.4	.7	1.1	.5	.1						3.2	11.3
SSW		.4	.4	.4	.1	.1						1.3	11.5
SW	.1	.1	.2		.1							.6	9.9
WSW		.2		.2	.4	.1						1.0	13.6
W		.1	.1		.2							.5	14.0
WNW	.2	.4	.4	.2								1.2	7.5
NW		.2	1.2	1.2	.4							3.1	11.6
NNW	.4	2.3	1.3	1.7								5.8	8.1
VARBL													
CALM												27.0	
	6.6	23.3	20.4	16.8	4.9	1.0						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 815

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.9	4.7	3.2	.8	.1						13.5	9.2
NNE	.5	2.0	2.6	4.7	1.7	.4	.0					12.0	11.9
NE	.7	1.5	1.9	2.0	.8	.1	.0					7.0	10.4
ENE	.7	1.6	1.9	1.7	.4	.1	.0					6.4	9.4
E	.6	.9	1.1	1.0	.2	.1	.0					3.9	9.2
ESE	.3	.6	.4	.1	.1							1.4	6.9
SE	.3	1.0	.8	.4	.0							2.5	7.4
SSE	.3	1.2	1.3	.7	.2	.0						3.7	8.7
S	.3	1.5	2.6	1.3	.3	.0						6.0	9.2
SSW	.2	1.6	1.3	.7	.2	.0						4.0	8.6
SW	.1	1.1	.5	.1	.1	.0						1.8	7.3
WSW	.1	1.5	.6	.1	.1	.1	.0					2.6	7.3
W	.2	1.2	.8	.1	.0	.0	.0					2.5	7.1
WNW	.2	.9	.8	.4	.0							2.3	7.6
NW	.2	1.0	.8	.6	.1							2.8	8.5
NNW	.3	1.9	1.5	.9	.3							5.0	8.4
VARBL													
CALM												22.8	
	5.9	23.2	23.4	17.9	5.5	1.0	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6456

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIXON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	7.7	4.9	1.5	.3							15.7	6.9
NNE	1.7	4.6	1.9	2.2	.6							11.1	7.7
NE	.8	2.4	2.4	.9								6.6	7.2
ENE	1.8	2.6	1.0	1.3	.1							6.8	6.9
E	.5	2.4	.8	.1								3.9	5.6
ESE	.3	.8	.4	.3								1.7	6.3
SE	.3	1.0	1.8	.8								3.9	8.4
SSE	.1	1.3	.9	.6								3.0	7.6
S			.6	1.7	.4	.1						2.8	14.0
SSW		.1	.8	.6	1.0	.1						2.7	14.3
SW			.6	.6	.1							1.4	12.9
WSW	.1		.3	.6	.4							1.4	13.2
W		.3	.4	.4								1.0	9.9
WNW		.3		.4	.1							.8	11.8
NW	.3	.5	.8	.5	.1							2.2	8.6
NNW	.4	2.7	1.0	1.5		.1						5.8	8.3
VARBL													
CALM												29.3	
	7.5	26.8	18.7	14.2	3.2	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

777

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	8.7	4.4	1.9	.1							16.8	7.0
NNE	1.9	4.3	3.1	1.3	.8	.3						11.6	7.7
NE	1.4	2.7	1.8	1.0	.3							7.2	7.3
ENE	1.2	3.7	.8	1.2	.4	.1						7.4	7.5
E	.8	1.9	.3	.3								3.2	5.3
ESE	.4	.9	.3	.5								2.1	7.3
SE		1.2	.5	.5	.3							2.5	8.9
SSE	.1	.9	1.0	.9	.1							3.1	9.0
S		.4	.8	.8	.1	.1						2.2	11.3
SSW	.1	.3	.9	1.6	.1	.3						3.2	12.2
SW			.1	.4	.3							.8	13.7
WSW		.5	.5	.6	.3							1.9	10.9
W			.1	.4			.1					.6	17.4
WNW	.1	.3	.3	.5	.3	.3						1.7	13.2
NW	.3	.6	.4	.1								1.4	6.4
NNW	.3	1.4	1.2	.9	.1							3.9	8.7
VARBL													
CALM												30.4	
	8.3	27.8	16.4	12.9	3.1	1.0	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

774

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	6.5	4.3	.9	.4	.1						13.5	7.1
NNE	1.0	4.5	2.8	1.8	1.4	.1						11.7	9.0
NE	1.0	4.1	2.3	.6	.4							8.5	7.0
ENE	1.2	3.6	1.2	1.4	.4							7.7	7.4
E	.9	2.7	.1	.3								4.0	5.0
ESE	.4	1.4	.3	.4	.3							2.7	7.0
SE	.3	1.3	.8	.5								2.8	7.5
SSE		.5	1.3	.8								2.6	10.0
S		.8	.6	.9	.5							2.8	10.9
SSW		.1	.6	.5	.4	.3						1.9	14.3
SW			.3	.6	.5	.1						1.5	15.9
WSW	.1	.3	.4	.5	.1							1.4	10.7
W		.1	.3	.4	.3							1.0	13.4
WNW		.3	.3	.3	.4							1.2	11.9
NW		.3	.5	.3	.3	.1						1.4	12.0
NNW	.5	2.3	1.8	.6	.8							6.1	8.4
VARBL													
CALM												28.9	
	6.8	28.8	17.8	10.8	5.9	.9						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 775

2
2
?

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 NOV

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	6.1	6.5	3.7	.3	.3						16.9	8.7
NNE	.3	3.2	2.3	3.8	1.3	.3						11.0	10.9
NE	.4	1.5	1.0	1.1	.8	.1						4.9	10.4
ENE	.3	.4	1.6	1.3	.5							4.1	11.2
E	.4	.3	.5	.5								1.6	8.8
ESE	.4	.5										.9	3.9
SE	.1	1.4	.4	.6	.1							2.7	8.0
SSE	.3	1.9	1.0	.9	.5							4.6	8.9
S		2.0	1.6	.6	.3	.1						4.7	8.9
SSW		.9	.3	1.4	.1	.5	.1					3.3	13.0
SW		.4	.4	1.0	.1	.3						2.2	13.3
WSW		.8	.4	.6	.1							1.9	9.7
W	.3	.3	.4	.4	.3							1.5	9.8
WNW	.1	1.1	.6	.6	.5							3.0	9.8
NW	.3	1.1	.8	.9	.3							3.3	9.0
NNW	1.0	2.3	2.3	1.3	.1							7.0	7.7
VARBL													
CALM												26.4	
	3.8	24.1	20.1	18.8	5.2	1.5	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 788

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	4.4	3.5	.9	.1						11.5	10.5
NNE	.1	1.0	3.0	4.9	2.3	.3						11.7	12.8
NE		.3	.5	2.2	1.0	.1						4.1	14.1
ENE		1.0	.3	1.2	.4							2.8	10.8
E		.1	.6	.9								1.7	10.9
ESE		.4	.4									.8	6.5
SE		.4	.9	.5								1.8	8.9
SSE		.9	1.9	1.4	.1	.1						4.5	9.8
S	.8	2.5	2.1	1.7	.3	.3						7.5	8.9
SSW	.4	3.0	1.2	1.3	.5	.4		.1				6.9	9.9
SW	.9	1.6	.4	.5		.1						3.5	7.0
WSW	.5	3.1	.8	.4	.1							4.9	6.1
W	1.0	6.9	1.7	.4	.1	.1						10.2	6.0
WNW	.8	3.0	1.2	.9	.4							6.2	7.6
NW	.1	1.6	1.4	1.3	.5							4.9	9.9
NNW	.4	.6	2.1	1.9	.4							5.4	10.5
VARBL													
CALM												11.4	
	5.4	28.5	22.8	23.1	7.1	1.6		.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 772

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 NOV

STATION STATION NAME YEARS

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	3.3	3.5	.4	.1						8.8	10.6
NNE		.8	2.4	5.0	1.4	.1						9.7	2.6
NE		1.0	2.0	2.2	.9	.1						6.3	11.8
ENE	.1	1.5	1.7	1.3	.5							5.1	9.7
E	.4	.3	1.5	1.8	.1							4.1	10.8
ESE	.1	.3	.4	.3								1.0	7.8
SE		.5	.8	.6								1.9	9.1
SSE	.1	1.8	2.4	1.2	.1	.1						5.8	9.0
S	1.3	4.6	4.3	2.7	.1							13.0	7.9
SSW	.8	3.2	1.4	.5	.3							6.1	7.0
SW	.5	1.5	.3	.3	.8	.1						3.5	9.4
WSW	.1	1.5		.3	.3	.1						2.3	8.1
W	.8	1.4	.5	.8	.4	.1						4.0	8.5
WNW		.9		.5	.1							1.5	8.8
NW	.5	1.2	1.9	1.9	.3							5.8	9.8
NNW		.8	1.8	2.4	.8	.1						6.3	11.1
VARBL													
CALM												14.8	
	5.2	22.6	24.8	25.1	6.4	1.0						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 782

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.6	3.6	2.9	.3		.1					9.9	9.3
NNE	.6	2.6	4.4	3.3	1.3	.1						12.3	10.4
NE	.8	2.9	2.4	2.1	.1							8.3	8.1
ENE	.6	3.1	3.9	3.1	.5							11.3	9.2
E	.5	2.3	2.0	.9	.6	.1						6.4	9.1
ESE	.6	1.1	.1	.1								2.0	5.0
SE	1.0	2.1	.9	.4	.1							4.5	6.4
SSE	.6	2.8	1.3	1.0	.5	.1						6.3	8.4
S	.3	1.1	1.4	1.9	.1							4.8	9.6
SSW	.1	.4	.5	.9	.4		.1					2.4	12.6
SW		.1	.3	.9	.3							1.5	13.2
WSW		.1	.5	1.1	.3							2.0	12.5
W		.4	.3	.3	.3	.1						1.3	11.9
WNW		.5	.5	.5	.1	.1						1.8	10.7
NW	.1	.5	.4	.8	.3							2.0	10.6
NNW		1.3	.8	2.0	.5	.1						4.6	11.4
VARBL													
CALM												18.7	
	5.6	24.0	23.1	22.1	5.5	.8	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

797

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	6.6	4.6	1.7	.4							14.2	7.3
NNE	1.0	3.8	3.3	2.4	.9							11.5	8.9
NE	1.1	1.9	2.3	1.3	.1							6.8	7.7
ENE	1.3	4.3	2.0	1.8	.3							9.7	7.5
E	.4	2.3	1.0	.1	.3							4.1	6.8
ESE	.6	.9	.8									2.3	5.7
SE	.4	2.6	1.4	.8								5.1	7.1
SSE	.6	1.8	.9	.5	.5							4.3	8.1
S	.1	.6	.6	.4		.1						1.9	8.9
SSW	.1	.1	.6	.5	.9	.1						2.4	14.3
SW		.3	.9	.5	.3							1.9	10.8
WSW	.3	.3	.4	.5	.3							1.7	10.3
W		.5	.5	.4								1.4	8.7
WNW	.1	.4	.4	.5	.3	.1						1.8	11.0
NW	.1	.1	1.0	.8	.1							2.2	10.6
NNW	.3	2.7	1.1	.9	.4							5.4	8.1
VARBL													
CALM												23.5	
	7.4	29.2	21.9	13.0	4.6	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

784

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	5.2	4.5	2.4	.4	.1	.0					13.4	8.2
NNE	.8	3.1	2.9	3.1	1.2	.1						11.3	9.9
NE	.7	2.1	1.9	1.4	.4	.0						6.6	8.8
ENE	.8	2.5	1.6	1.6	.4	.7						6.9	8.4
E	.5	1.5	.9	.6	.1	.0						3.6	7.7
ESE	.4	.8	.3	.2	.0							1.7	6.3
SE	.3	1.3	.9	.6	.1							3.2	7.8
SSE	.2	1.5	1.3	.9	.2	.0						4.3	8.8
S	.3	1.5	1.5	1.3	.2	.1						5.0	9.3
SSW	.2	1.0	.8	.9	.5	.2	.0	.0				3.6	11.2
SW	.2	.5	.4	.6	.3	.1						2.0	11.0
WSW	.1	.8	.4	.6	.2	.0						2.2	9.4
W	.3	1.2	.5	.4	.2	.0	.0					2.6	8.2
WNW	.1	.8	.4	.5	.3	.1						2.2	9.7
NW	.2	.7	.9	.8	.2	.0						2.9	9.7
NNW	.4	1.8	1.5	1.5	.4	.0						5.6	9.2
VARBL													
CALM												22.9	
	6.3	26.5	20.7	17.5	5.1	.9	.1	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

6249

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.4	5.3	3.8	.6	.2						16.8	8.6
NNE	1.1	4.4	2.1	2.2	.7	.5						11.0	9.0
NE	1.0	2.7	1.0	.5	.4	.1						5.6	7.3
ENE	1.2	3.8	1.2	.4	.5							7.1	6.5
E	.6	2.7	.7	.4								3.7	6.1
ESE	.4	1.1	.5	.7	.1							2.8	7.9
SE	.4	1.2	.6	.2								2.5	6.3
SSE	.1	1.1	1.1	.5	.4							3.2	9.2
S		.9	1.0	1.6	.6							4.0	11.2
SSW		.4	.5	1.0	.5							2.3	12.9
SW		.2	1.2	1.2	.4							3.1	11.8
WSW	.2	.2	.7	.6	.1							2.0	9.8
W		.5	.4	1.0								1.8	10.8
WNW		.4	.4	.2	.1							1.1	9.7
NW		.5	.6	.5	.6	.2						2.5	13.1
NNW	.5	1.0	1.7	1.1	.1							4.4	8.4
VARBL		.1										.1	4.0
CALM												25.9	
	7.0	25.9	19.0	16.0	5.2	1.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

815

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

167160

HELLENIKON AB GR

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.9	5.9	3.9	.6	.1						16.6	8.9
NNE	.9	4.1	3.4	2.1	.3	.4						11.1	8.5
NE	1.4	3.3	.8	.3	.6							6.3	6.4
ENE	2.0	4.5	.9	1.4	.1							8.9	6.4
E	.8	1.8	.4	.4	.3							3.5	6.4
ESE	.5	.5		.6	.1							1.8	7.9
SE	.4	1.5	.6	.3	.1							2.9	7.1
SSE	.3	1.5	.4	1.0	.1	.1						3.4	9.3
S		.1	.6	.6	.5							1.9	13.5
SSW		.1	.8	1.5		.1						2.5	12.5
SW		.8	.1	1.0	.3							2.1	11.6
WSW	.1	.4	1.6	.8	.4							3.3	10.3
W		.4	.4	1.1	.1							2.0	11.7
WNW		.5	.1	.1	.3	.1						1.1	11.7
NW	.1	.8	.5	.6	.6	.3						2.9	12.1
NNW	.3	2.1	1.8	1.3	.1	.1						5.6	8.8
VARBL													
CALM												24.3	
	7.9	27.1	18.1	16.9	4.5	1.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

800

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	6.6	5.0	4.1	.5	.4						17.0	9.0
NNE	1.4	5.0	2.0	3.0	.5		.3	.1				12.3	9.1
NE	1.0	3.5	1.1	.9	.8	.3						7.5	8.1
ENE	1.1	4.8	2.0	.4	.3							8.5	6.2
E	1.1	3.0	.4	.4	.1							5.0	5.4
ESE	.5	1.3	.3	.1	.1							2.3	5.9
SE	.1	2.1	.6	.5	.1							3.5	7.4
SSE	.1	.9	.4	.4	.1	.1	.1					2.1	10.5
S		.1	1.0	1.0	.1							2.3	11.6
SSW		.5	.8	1.3	.3	.3						3.0	12.3
SW		.1	.8	1.3								2.1	11.8
WSW	.3	.5	.8	.5								2.0	8.1
W		.1	.3	.8								1.1	11.3
WNW		.4	.4	.4	.1	.1						1.4	12.1
NW	.3	.1	.1	.5	.1	.1	.1					1.4	12.8
NNW	.8	1.8	1.4	2.0	1.1	.1						7.1	10.8
VARBL													
CALM												21.5	
	7.0	30.8	17.1	17.4	4.3	1.4	.5	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

800

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

167160

HELLENIKON AB GR

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.2	4.6	3.0	1.2	.2						14.1	9.3
NNE	.5	2.5	1.9	3.6	1.4	.4	.1					10.3	11.7
NE	.9	1.1	1.0	2.0	.6							5.6	10.3
ENE	.5	1.1	.6	.7	.5							3.5	9.2
E	.5	.2	.7	.2	.2							2.0	9.2
ESE		.5	.6	.1								1.2	7.2
SE	.2	1.7	.2	.6	.2	.1						3.2	8.6
SSE	.1	.4	1.2	1.4	.4							3.5	11.5
S	.2	.7	1.1	1.5	.7	.4						4.7	12.2
SSW	.1	.6	1.2	1.5	.4							3.8	11.1
SW		.4	.4	1.2	.2							2.2	12.2
WSW		.4	.5	.7	.1							1.7	10.9
W	.1	.7	.7	.5	.2	.1						2.5	10.1
WNW		.9	.2	.2	.1							1.5	8.3
NW		.7	.6	1.1	.1							2.6	10.7
NNW	.4	1.6	3.5	2.9	.4	.4						9.0	10.6
VARBL													
CALM												28.5	
	4.5	17.8	19.2	21.3	6.9	1.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

807

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIXON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	2.9	5.1	1.9	.2						11.7	12.4
NNE	.1	.7	1.4	5.6	.6	.7	.1					9.3	13.6
NE		.9	1.2	1.7	.6	.4						4.9	12.4
ENE	.1	.5	.2	1.4	.4							2.6	12.0
E		.6	.6	.2								1.5	8.2
ESE		.4	.4	.4								1.1	9.2
SE	.1	.4	.2	.2	.1							1.1	9.3
SSE		1.0	.7	2.0	.4	.2						4.4	11.9
S	.2	1.4	2.2	3.2	.7	.6						8.5	11.9
SSW	.6	2.1	1.2	1.5	.4							5.9	8.9
SW	1.1	1.9	.6	1.0	.5							5.1	7.8
WSW	.4	1.6	1.0	.4	.4							3.7	8.2
W	.9	4.0	1.2	1.0	.4	.1						7.6	7.2
WNN	.4	1.6	1.4	.7	.1							4.2	7.8
NW	.2	1.9	.6	1.7	.5							5.0	9.5
NNW	.1	1.0	2.9	2.1	1.1	.1						7.3	11.5
VARBL												16.1	
CALM													
	4.6	21.3	18.9	28.4	8.1	2.5	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

803

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

16716U
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	5.4	4.5	1.8							13.2	11.5
NNE		.8	3.0	3.7	1.5	.6						9.6	13.3
NE	.1	1.3	1.4	1.4	.5	.1	.1					4.9	11.3
ENE	.1	1.9	1.0	1.6	.5							5.2	9.8
E	.1	1.3	1.0	.9	.1							3.4	8.8
ESE		.8		.4								1.1	7.6
SE	.3	1.3	.1	.3	.1							2.0	7.1
SSE	.1	2.6	1.9	1.3	.5							6.4	9.0
S	.5	2.5	2.8	2.9	1.0	.3						9.9	10.3
SSW	.4	1.9	.8	1.5	.9							5.4	10.1
SW	.4	1.5	.5	.6	.5							3.5	8.9
WSW	.3	.9	.5	.4	.4							2.4	8.9
W	.8	1.5	1.1	1.3	.3							4.9	8.4
WWW	.3	.6	.9	.5								2.3	7.9
NW	.1	.3	.5	1.3	.4	.1						2.6	12.3
NNW	.1	.8	1.9	3.3	1.8	.1						7.9	13.0
VARBL													
CALM												15.1	
	3.9	20.9	22.8	25.7	10.2	1.3	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.Y.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		3.9	3.8	4.4	.7							12.9	10.0
NNE	.2	2.5	2.7	2.6	1.0	.5						9.5	10.7
NE	.4	3.9	2.1	1.0	.5	.1						8.0	7.9
ENE	.9	4.7	1.7	1.8	.5							9.6	7.8
E	.7	3.3	1.6	.9								6.5	6.6
ESE	.4	1.5	.4	.6	.1							3.0	7.7
SE	.6	2.7	.5									3.8	5.4
SSE	.6	1.0	1.2	.9	.4							4.1	9.0
S	.1	.6	1.2	2.0	1.0	.1						5.1	12.5
SSW	.1	.4	.5	1.6	.7	.1	.1					3.6	13.6
SW	.2	.1	.2	.9	.7							2.2	12.7
WSW	.2	.2	.6	.9	.2	.1						2.3	11.0
W		.2	.4	.5	.1							1.2	10.9
WNW			.5	.4	.4							1.2	13.2
NW		.1	.9	.5	.6	.1						2.2	13.2
NNW		.7	1.4	3.8	.6	.2		.1				6.9	13.1
VARBL													
CALM												17.8	
	4.6	26.0	19.7	22.7	7.6	1.4	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

811

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160 HELLENIKON AB GR 73-81 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLAS HOUR (LST)

CONDITON

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.7	3.9	3.6	.6	.1	.1					15.9	8.4
NNE	.7	2.1	2.1	1.9	.6	.1						7.6	9.4
NE	1.1	3.9	1.4	1.4	.1	.1						8.0	7.0
ENE	1.6	4.2	1.7	1.0	.4							9.0	6.8
E	1.4	1.1	1.5	.2	.2							4.5	6.6
ESE	.4	.6	.5									1.5	5.3
SE	.1	1.5	.7	.2								2.6	6.9
SSE	.5	2.0	.9	.7	.4							4.5	8.3
S		1.1	1.0	1.5	.5							4.1	10.9
SSW		.6	.7	1.7	.5	.4		.1				4.1	13.7
SW		.2	.4	.9	.2							1.7	12.4
WSW	.1	.5	.5	.7	.4							2.2	11.2
W	.1	.7	.6	.2	.4							2.1	9.5
WNW		.1	.5	.9	.1	.1						1.7	12.8
NW	.1	.4	.6	.4	.5	.4						2.4	13.3
NNW	.4	1.6	1.9	1.2	.4	.1						5.6	9.4
VARBL													
CALM												22.4	
	8.5	26.5	18.9	16.7	5.4	1.4	.1	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 803

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	4.2	4.6	4.1	1.0	.2	.0					14.8	9.6
NNE	.6	2.8	2.3	3.1	.8	.4	.1	.0				10.1	10.6
NE	.7	2.6	1.2	1.1	.5	.1	.0					6.3	8.5
ENE	.9	3.2	1.2	1.1	.4							6.8	7.5
E	.7	1.7	.9	.5	.1							3.8	6.8
ESE	.3	.8	.3	.4	.1							1.8	7.3
SE	.3	1.6	.5	.3	.1	.0						2.7	7.1
SSE	.2	1.3	1.0	1.0	.3	.1	.0					3.9	9.7
S	.1	.9	1.4	1.8	.7	.2						5.1	11.5
SSW	.2	.8	.8	1.4	.5	.1	.0	.0				3.8	11.5
SW	.2	.7	.5	1.0	.4							2.8	10.6
WSW	.2	.6	.8	.6	.2	.0						2.5	9.7
W	.2	1.0	.6	.8	.2	.0						2.9	9.0
WNW	.1	.6	.5	.4	.2	.0						1.8	9.8
NW	.1	.6	.6	.8	.4	.2	.0					2.7	11.8
NNW	.3	1.3	2.0	2.2	.7	.2		.0				6.7	10.9
VARBL		.0										.0	4.0
CALM												21.5	
	6.0	24.5	19.2	20.6	6.5	1.5	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 6433

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.8	3.8	3.2	1.0	.2	.0	.0				12.7	9.6
NNE	.4	2.0	2.3	3.6	1.4	.3	.0	.0				10.1	11.6
NE	.4	1.3	1.3	1.6	.5	.1	.0	.0				5.3	10.1
ENE	.5	1.6	1.4	1.6	.4	.0	.0	.0				5.6	9.5
E	.4	.9	.9	1.2	.3	.0	.0	.0				3.8	9.8
ESE	.2	.5	.3	.2	.1	.0						1.4	7.6
SE	.3	.9	.7	.4	.1	.0						2.5	8.1
SSE	.3	1.3	1.2	.7	.2	.0	.0					3.7	8.5
S	.3	1.6	2.5	1.3	.3	.1						6.0	9.1
SSW	.2	1.4	1.8	.9	.2	.0	.0	.0				4.5	8.9
SW	.2	1.2	.9	.3	.1	.0						2.7	7.7
WSW	.2	1.5	.8	.2	.1	.0	.0					2.9	6.9
W	.3	1.9	1.2	.3	.1	.0	.0					3.8	7.1
WNW	.2	1.0	.9	.6	.2	.0						3.1	9.0
NW	.2	1.2	1.2	1.1	.4	.1	.0					4.2	10.0
NNW	.4	1.9	1.7	1.3	.4	.1	.0	.0				5.7	9.0
VARBL	.0	.0	.0									.0	4.3
CALM												22.0	
	5.3	24.0	23.1	18.7	5.7	1.0	.1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

75614

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

ALL
MONTH

INSTRUMENT

CLASS

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

CONDITION

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

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.3	3.1	4.8	3.2	2.2						16.3	13.5
NNE		1.0	1.6	2.3	1.5	2.0	.7	.5				9.5	17.5
NE	.1	1.2	.7	.7	.6	.4	.1	.1				4.0	12.7
ENE	.1	.7	.6	1.3	1.1		.1	.1				4.2	13.8
E	.1	.9	.7	1.8	1.2	.1	.2	.2				5.4	14.6
ESE	.1	1.1	.6	.9	.4	.2						3.3	10.7
SE	.2	1.1	1.5	1.3	.5	.2						4.9	11.1
SSE	.6	1.8	2.6	1.7	.9	.5						8.1	10.6
S	.2	1.3	1.6	1.8	2.0	.9						7.8	13.4
SSW	.1	.5	.7	.6	.5	.6	.4	.1				3.5	16.7
SW	.1	.4	.4	.2								1.1	7.8
WSW		.6	.5	.1	.1							1.3	8.5
W	.5	1.2	.2	.1	.2							2.3	7.0
WNW	.2	.1	.1	.7	.4	.1						1.7	12.9
NW	.4	1.2	.2	.5	.1	.4						2.8	9.6
NNW	.2	1.3	1.7	2.1	.7	.1						6.2	10.7
VARBL		.1										.1	4.0
CALM												17.4	
	3.9	17.0	16.9	21.1	13.3	7.7	1.6	1.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 813

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq 5/16$	$\geq \frac{1}{4}$	≥ 0
NO CEILING															
1800															
1500															92.6
1200															
1000															
900															
800															
700															
600															
500															
400										97.4					98.1
300															
200															
100															
0					95.4		96.9			98.3					100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
1000	13.2	27.2	28.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
2000	14.2	29.8	30.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
3000	14.8	30.4	31.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
4000	14.9	31.4	31.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
5000	15.1	31.6	31.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
6000	15.2	32.4	32.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
7000	19.4	43.0	44.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
8000	23.5	48.1	49.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
9000	25.4	51.1	51.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
10000	25.4	50.1	51.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
11000	25.4	50.1	51.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
12000	25.4	67.4	68.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
13000	25.9	68.2	69.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
14000	30.7	81.6	82.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
15000	35.1	86.3	87.9	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
16000	39.0	91.2	93.1	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
17000	39.7	92.6	94.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
18000	40.3	93.3	95.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
19000	40.3	93.3	95.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
20000	40.4	94.5	96.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
21000	40.4	94.5	96.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
22000	40.4	94.5	96.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
23000	40.4	94.5	96.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
24000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
25000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
26000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
27000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
28000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
29000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
30000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
31000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
32000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
33000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
34000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
35000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
36000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
37000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
38000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
39000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
40000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
41000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
42000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
43000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
44000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
45000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
46000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
47000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
48000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
49000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
50000	40.4	94.5	96.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
 NS/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 60 HELLENIKON AB GP

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0300-0500

VISIBILITY - STATUTE MILES

CEILING	20	25	24	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
NO. CEILING	13.7	27.1	27.7	28.7	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.1
2900K	14.6	29.9	33.9	32.0	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4
1800K	15.5	30.9	31.9	33.0	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4
5000	15.6	31.0	32.0	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5
1400K	15.6	31.0	32.0	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5
1200K	16.1	38.1	39.4	40.5	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0
1000K	20.1	42.2	43.5	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
900K	22.5	45.4	46.9	48.0	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
800K	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
700K	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
600K	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
500K	23.9	66.8	68.4	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
450K	24.0	67.2	69.0	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
400K	28.3	78.4	80.2	81.7	82.2	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	82.3	82.3	82.3	82.5
350K	32.8	83.5	85.3	86.8	87.3	87.3	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	87.4	87.5
300K	37.4	88.9	90.9	92.9	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8
250K	38.5	91.1	93.4	95.6	96.6	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	96.7	96.7	96.8
200K	39.0	92.0	94.3	96.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
180K	39.0	92.0	94.3	96.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
150K	39.0	92.0	94.3	96.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
120K	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
100K	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
90K	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
80K	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
70K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9
60K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9
50K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9
40K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
30K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
20K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
10K	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
0	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167180 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96
NO. CEILING	15.5	25.3	26.8	27.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	29.2	28.2	28.3	28.3
≥ 2000	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.3
≥ 1800	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.4
≥ 1600	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.4
≥ 1400	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.4
≥ 1200	19.2	36.5	39.0	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.1	41.2
≥ 1000	22.8	40.3	42.9	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.3
≥ 900	27.9	46.8	49.5	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	52.0
≥ 800	27.9	46.8	49.5	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 700	27.9	46.8	49.5	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 600	27.9	46.8	49.5	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.1
≥ 500	27.9	65.1	67.9	69.5	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.5
≥ 450	27.9	65.5	68.2	69.9	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8
≥ 400	31.4	76.3	79.8	81.5	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.8
≥ 350	35.1	80.6	84.2	86.1	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 300	40.0	86.0	89.8	91.8	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.2
≥ 2500	41.3	88.2	92.9	95.0	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.9
≥ 2000	41.6	88.5	93.3	95.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.5
≥ 1800	41.6	88.5	93.5	95.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.8
≥ 1500	41.6	88.5	93.5	95.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.8
≥ 1200	41.7	89.5	94.8	97.0	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.3
≥ 1000	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4
≥ 900	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4
≥ 800	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4
≥ 700	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 600	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 500	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 400	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8
≥ 300	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8
≥ 200	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8
≥ 100	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8
≥ 0	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16715 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2930-1100

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	≥ 20	≥ 25	≥ 30	≥ 35	≥ 40	≥ 45	≥ 50	≥ 55	≥ 60	≥ 65	≥ 70	≥ 75	≥ 80	≥ 85	≥ 90
NO. CEILING	18.3	27.3	30.5	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	24.2	35.0	38.4	40.2	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
W 18000	24.4	35.4	38.8	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
W 16000	24.4	35.4	38.8	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
W 14000	24.4	35.4	38.8	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
W 12000	26.5	44.1	48.4	50.4	51.3	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6
W 10000	28.7	46.9	51.7	53.7	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
W 9000	30.8	49.9	55.4	57.7	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
W 8000	32.2	51.4	57.4	59.7	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
W 7000	32.4	51.7	57.8	60.2	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
W 6000	32.4	51.7	57.8	60.2	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
W 5000	32.4	61.3	67.5	70.0	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
W 4500	32.9	62.1	68.3	70.8	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
W 4000	36.9	70.6	78.3	81.0	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
W 3500	40.7	75.1	83.0	85.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
W 3000	46.2	81.4	89.7	92.9	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
W 2500	47.1	83.0	91.6	94.7	96.4	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
W 2000	47.7	83.7	92.4	95.5	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
W 1800	47.7	83.7	92.4	95.5	97.1	97.5	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
W 1500	47.7	83.7	92.4	95.5	97.2	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
W 1200	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 1000	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
W 900	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
W 800	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
W 700	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 600	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 500	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 400	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16
STATION

HELLENIKON AB GR
STATION NAME

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO. CEILING	22.9	30.8	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	28.6	37.7	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 18000	29.7	39.0	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000	29.7	39.0	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000	29.7	39.0	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	33.7	48.0	49.0	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 10000	37.1	52.7	53.9	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	40.3	56.5	57.8	58.5	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	41.8	58.0	59.8	60.3	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000	41.8	58.0	59.6	60.3	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000	41.8	58.1	59.7	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000	41.8	66.5	68.2	68.9	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	42.7	67.0	68.9	69.5	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	47.3	78.9	81.1	81.9	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	51.9	84.8	87.2	88.0	88.8	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	56.2	89.5	92.5	93.7	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	56.8	90.6	94.2	95.4	96.1	96.3	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 2000	57.0	90.8	94.7	96.1	96.7	97.1	97.1	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 1800	57.0	90.8	94.7	96.1	96.7	97.1	97.1	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 1500	57.1	90.9	95.1	96.5	97.3	97.7	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 1200	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 1000	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 900	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 800	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 700	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 300	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167150 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.8	31.9	32.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥2000	29.8	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥1800	31.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥1600	31.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥1400	31.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥1200	35.1	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥1000	38.6	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥900	41.3	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥800	42.5	57.7	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥700	42.5	57.7	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥600	42.5	57.7	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥500	42.6	65.1	65.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥450	42.7	65.8	66.0	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
≥400	49.6	80.4	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥350	56.3	88.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥300	59.7	91.7	92.4	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥250	60.9	93.6	94.6	94.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥200	61.1	94.0	95.0	95.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1800	61.1	94.0	95.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1500	61.1	94.0	95.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1200	61.3	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥1000	61.3	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥900	61.3	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥800	61.3	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥700	61.3	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥600	61.4	95.0	96.1	96.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥500	61.4	95.0	96.1	96.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥400	61.4	95.1	96.3	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥300	61.4	95.1	96.3	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥200	61.4	95.1	96.3	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥100	61.4	95.1	96.3	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥0	61.4	95.1	96.3	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

NO. CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0.15	
≥18000	22.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥16000	26.4	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥14000	27.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥12000	27.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥10000	29.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥9000	32.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥8000	36.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥7000	38.1	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	58.0	58.0
≥6000	38.1	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥5000	38.1	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥4500	38.1	67.4	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
≥4000	41.5	79.7	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	80.2
≥3500	47.2	86.5	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
≥3000	52.1	92.0	93.4	93.6	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
≥2500	52.8	93.4	94.8	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥2000	53.1	93.9	95.3	95.7	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
≥1800	53.1	93.9	95.5	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1500	53.1	94.1	95.7	96.2	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
≥1200	53.1	95.3	97.2	97.8	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
≥1000	53.1	95.3	97.2	97.8	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
≥900	53.1	95.3	97.2	97.8	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
≥800	53.1	95.3	97.2	97.8	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
≥700	53.1	95.8	97.7	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥600	53.1	95.8	97.7	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	53.1	95.8	97.7	98.3	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
≥400	53.1	95.9	97.8	98.4	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
≥300	53.1	95.9	97.8	98.4	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
≥200	53.1	95.9	97.8	98.4	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
≥100	53.1	95.9	97.8	98.4	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
≥50	53.1	95.9	97.8	98.4	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

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

2100-2300

CEILING FEET	20	25	30	34	40	45	50	55	60	65	70	75	80	85	90	95	100
≥ 10000	16.7	31.6	32.1	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 7000	19.1	35.3	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 6000	19.2	35.4	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 5000	19.2	35.4	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 4000	19.2	35.4	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 3000	20.0	41.8	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 2000	23.5	46.0	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1800	27.6	50.6	51.5	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 1600	29.7	52.9	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 1400	29.7	53.0	54.0	54.6	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
≥ 1200	29.7	53.0	54.0	54.6	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
≥ 1000	29.7	53.0	54.0	54.6	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
≥ 900	29.7	53.0	54.0	54.6	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
≥ 800	29.7	53.0	54.0	54.6	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
≥ 700	29.7	53.0	54.0	54.6	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
≥ 600	29.7	53.0	54.0	54.6	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
≥ 500	29.7	53.0	54.0	54.6	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
≥ 450	29.7	53.0	54.0	54.6	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
≥ 400	29.7	53.0	54.0	54.6	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
≥ 350	29.7	53.0	54.0	54.6	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
≥ 300	29.7	53.0	54.0	54.6	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
≥ 250	29.7	53.0	54.0	54.6	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
≥ 200	29.7	53.0	54.0	54.6	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
≥ 1800	44.4	94.7	96.7	97.5	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
≥ 1500	44.4	94.7	96.7	97.5	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
≥ 1200	44.4	94.7	96.7	97.5	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
≥ 1000	44.4	94.7	96.7	97.5	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
≥ 900	44.4	94.7	96.7	97.5	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
≥ 800	44.4	94.7	96.7	97.5	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
≥ 700	44.4	94.7	96.7	97.5	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
≥ 600	44.4	94.7	96.7	97.5	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
≥ 500	44.4	94.7	96.7	97.5	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
≥ 400	44.4	94.7	96.7	97.5	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
≥ 300	44.4	94.7	96.7	97.5	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
≥ 200	44.4	94.7	96.7	97.5	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
≥ 100	44.4	94.7	96.7	97.5	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
≥ 50	44.4	94.7	96.7	97.5	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
≥ 0	44.4	94.7	96.7	97.5	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

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATISTICS																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512	
NO CEILING	18.3	29.4	30.4	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2
≥ 2000	21.9	34.6	35.7	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 1800	22.5	35.3	36.4	37.1	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 1600	22.9	35.3	36.4	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
≥ 1400	22.5	35.4	36.5	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 1200	24.4	43.1	44.5	45.3	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
≥ 1000	27.9	47.1	48.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 900	31.2	51.1	52.9	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 800	32.7	52.8	54.6	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 700	32.7	52.8	54.7	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 600	32.7	52.8	54.7	55.7	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
≥ 500	32.7	66.2	68.1	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 450	33.0	66.6	68.6	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 400	37.3	78.2	80.5	81.7	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 350	42.0	83.8	86.3	87.5	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 300	46.6	89.1	91.9	93.4	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 250	47.6	90.7	93.9	95.5	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 200	48.0	91.3	94.6	96.3	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
IV 1800	48.0	91.4	94.7	96.4	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
IV 1500	48.0	91.4	94.8	96.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0
IV 1200	48.1	92.4	96.0	97.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5
IV 1000	48.1	92.4	96.0	97.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
IV 900	48.1	92.4	96.0	97.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
IV 800	48.1	92.4	96.0	97.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5
IV 700	48.1	92.6	96.2	98.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
IV 600	48.1	92.6	96.2	98.0	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
IV 500	48.1	92.6	96.2	98.0	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
IV 400	48.1	92.7	96.3	98.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
IV 300	48.1	92.7	96.3	98.0	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 200	48.1	92.7	96.3	98.1	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	48.1	92.7	96.3	98.1	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	48.1	92.7	96.3	98.1	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6401

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO. CEILING	15.6	37.1	31.4	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	17.8	34.0	35.6	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	18.1	34.3	35.8	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 16000	18.1	34.3	35.8	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 14000	18.1	34.3	35.8	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 12000	19.0	42.5	44.2	44.6	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	24.6	49.0	50.7	51.1	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	27.6	53.1	54.7	55.1	55.4	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	29.3	55.3	56.9	57.4	57.8	57.8	57.8	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	29.4	55.6	57.4	57.8	58.2	58.2	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000	29.4	55.6	57.4	57.8	58.2	58.2	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	29.4	74.3	76.1	76.5	76.9	76.9	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	29.6	74.4	76.3	76.7	77.1	77.1	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	33.5	85.4	87.4	87.8	88.2	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	35.8	87.9	89.9	90.3	90.7	90.7	90.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	38.5	91.7	93.6	94.0	94.9	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	39.0	93.5	95.4	96.0	96.9	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	39.2	93.6	95.6	96.1	97.1	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	39.3	93.8	95.7	96.3	97.2	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	39.7	94.2	96.1	96.7	97.8	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	39.7	95.0	97.1	97.8	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	39.7	95.0	97.1	97.8	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	39.7	95.0	97.1	97.8	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 15 HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1300-1500

CEILING FEET	VISIBILITY STATUTE MILES															
	210	26	27	24	25	20	21	22	23	24	25	26	27	28	29	30
NO. CEILING	12.1	26.5	29.0	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	
≥ 2000	13.5	29.8	32.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
≥ 1800	13.7	30.0	33.1	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	
≥ 1600	13.7	30.0	33.1	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	
≥ 1400	13.7	30.0	33.1	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	
≥ 1200	14.4	38.1	41.6	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	
≥ 1000	19.1	43.2	47.0	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	46.3	
≥ 800	23.7	48.4	52.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
≥ 600	25.7	50.8	54.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
≥ 400	25.8	50.9	54.8	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
≥ 200	25.8	50.9	54.8	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
≥ 100	25.8	68.9	72.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
≥ 50	25.9	69.2	73.1	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
≥ 30	30.5	81.0	85.1	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
≥ 20	33.9	84.8	88.8	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
≥ 15	37.9	89.1	93.9	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 10	38.1	90.4	95.3	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
≥ 5	38.1	90.4	95.4	96.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
≥ 3	38.4	90.7	95.7	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
≥ 2	38.6	90.9	96.0	97.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 1	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.5	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.3	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.2	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.1	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.05	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.02	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.01	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.005	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.002	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.001	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.0005	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.0002	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 0.0001	38.6	91.5	96.5	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
 USARPETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6718
STATION NUMBER

HELLENIKON AB GR
STATION NAME

73-81
YEAR

FEP
FORM NUMBER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0800

NO. FEET	VISIBILITY STATISTICS															
	270	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
2 29000	12.6	22.7	25.1	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2 28000	16.2	29.5	32.3	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
2 27000	16.5	29.8	33.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
2 26000	16.5	29.8	33.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
2 25000	16.5	29.8	33.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
2 24000	19.0	39.1	42.5	43.6	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0
2 23000	24.1	44.3	47.8	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3
2 22000	29.1	50.1	53.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3
2 21000	30.5	52.1	55.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
2 20000	30.5	52.1	55.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
2 19000	30.5	52.1	55.7	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
2 18000	30.5	52.1	55.7	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
2 17000	30.5	68.4	72.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
2 16000	30.7	69.1	72.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4
2 15000	35.7	79.6	83.7	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
2 14000	41.3	85.3	89.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
2 13000	44.5	89.8	93.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
2 12000	45.3	91.4	95.4	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
2 11000	45.3	91.4	95.6	97.2	97.9	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
2 10000	45.3	91.4	95.6	97.2	97.9	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
2 9000	45.3	91.7	96.0	97.8	99.0	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
2 8000	45.3	91.7	96.0	97.8	99.0	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
2 7000	45.3	91.8	96.1	97.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
2 6000	45.3	91.8	96.1	97.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
2 5000	45.3	92.0	96.3	98.1	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 4000	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 3000	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 2000	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1000	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

3700-1122

CEILING FEET	20	24	27	24	20	24	27	24	20	24	27	24	20	24	27
10000	16.6	27.3	29.8	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.9
8000	22.1	37.8	41.4	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3
6000	22.7	38.8	42.6	43.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
4000	22.7	38.8	42.6	43.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
2400	23.3	39.2	43.7	44.2	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0
1200	25.6	47.2	51.2	52.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
1000	28.3	50.7	54.9	56.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
900	31.6	54.4	58.6	60.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
800	32.4	55.8	60.1	61.8	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7
700	32.5	55.9	60.3	62.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
600	32.5	55.9	60.3	62.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
500	32.8	65.9	70.2	72.1	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
450	33.2	66.3	70.6	72.5	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6
400	36.9	75.4	80.3	82.3	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
350	41.1	79.9	85.3	87.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
300	43.9	83.1	89.3	92.0	94.8	95.1	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.5
2500	44.4	83.8	89.9	92.9	95.9	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.7
2000	44.8	84.4	90.7	93.7	97.0	97.3	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	98.0
1800	44.8	84.4	91.7	93.7	97.0	97.3	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.1	98.1
1500	44.8	84.4	90.7	93.7	97.0	97.3	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.1	98.1
1200	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
1000	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
900	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
800	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
700	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
600	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
500	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
400	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
300	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
200	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
100	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7
0	44.8	85.0	91.7	94.8	98.4	98.8	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

163167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. FEET	24.2	33.2	33.2	33.4	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.8	33.8	33.8	33.8	33.8
≥ 2000	31.7	44.6	44.6	44.8	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2
≥ 1800	32.8	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4
≥ 1600	32.8	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4
≥ 1400	33.0	46.0	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.6	46.6	46.6	46.6
≥ 1200	36.4	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6
≥ 1000	40.7	60.2	60.2	60.4	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1
≥ 900	42.7	62.8	62.8	63.2	63.6	63.6	63.6	63.7	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 800	43.0	63.5	63.6	64.0	64.4	64.4	64.4	64.7	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0
≥ 700	43.0	63.5	63.7	64.1	64.6	64.6	64.6	64.8	64.8	64.8	65.0	65.0	65.1	65.1	65.1	65.1
≥ 6000	43.0	63.5	63.7	64.1	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1
≥ 5000	43.5	72.0	72.3	72.7	73.1	73.1	73.1	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6
≥ 4500	43.7	72.1	72.4	72.8	73.2	73.2	73.2	73.5	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8
≥ 4000	49.9	83.9	84.2	84.6	85.0	85.0	85.0	85.3	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7
≥ 3500	55.1	90.0	90.4	90.8	91.5	91.5	91.5	91.8	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2
≥ 3000	58.1	93.3	94.1	94.8	95.7	95.7	95.7	96.0	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 2500	58.8	94.8	95.9	96.7	97.7	97.7	97.7	97.9	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 2000	58.8	94.8	96.2	97.1	98.2	98.2	98.2	98.5	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 1800	58.8	94.8	96.2	97.1	98.2	98.4	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 1500	58.8	94.8	96.2	97.1	98.2	98.4	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 1200	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 1000	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 900	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 800	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 700	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.9
≥ 600	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.9
≥ 500	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.9
≥ 400	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0
≥ 300	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0
≥ 200	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0
≥ 100	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0
≥ 0	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
 U.S. AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6716

HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 2700	22.6	32.1	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7
≥ 2400	31.4	43.2	43.6	43.6	43.8	43.8	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 2100	32.9	44.8	45.2	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1800	32.9	44.8	45.2	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1500	33.7	45.1	45.5	45.5	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1200	37.3	55.1	55.5	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2
≥ 900	41.1	59.3	59.7	59.7	60.1	60.1	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 800	43.7	62.2	62.6	62.6	63.0	63.0	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 700	44.5	63.2	63.7	63.7	64.1	64.1	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4
≥ 600	44.5	63.2	63.7	63.7	64.1	64.1	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4
≥ 500	44.5	63.2	63.7	63.7	64.1	64.1	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4
≥ 400	44.7	71.2	71.8	71.8	72.2	72.2	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 300	45.2	71.9	72.5	72.5	72.9	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 200	50.7	83.7	84.2	84.4	84.8	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 150	57.4	91.2	91.8	91.9	92.5	92.6	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 100	60.4	94.9	95.6	95.8	96.3	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 75	60.8	96.0	96.7	97.1	97.7	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 50	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 25	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 15	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 10	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 7	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 5	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6 16 7

HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	20.8	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	26.6	43.2	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000	27.9	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	27.9	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	27.9	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	29.8	51.6	52.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.7	52.7	52.7	52.7	52.7
≥ 10000	34.0	56.4	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.5	57.5	57.5	57.5	57.5
≥ 9000	36.3	59.3	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.4	60.5	60.5	60.5	60.5	60.5
≥ 8000	36.9	59.8	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1
≥ 7000	36.9	59.8	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1
≥ 6000	36.9	59.8	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1
≥ 5000	36.9	72.5	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.8	73.8	73.8	73.8	73.8
≥ 4500	37.6	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.7	74.7	74.7	74.7	74.7
≥ 4000	42.6	84.0	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7
≥ 3500	46.2	87.8	89.1	89.3	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.2	90.2	90.2	90.2	90.2
≥ 3000	50.0	92.1	93.7	94.1	94.7	94.8	94.8	94.8	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2
≥ 2500	50.7	93.3	95.1	95.6	96.6	96.7	96.7	96.7	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1
≥ 2000	50.8	93.4	95.5	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7
≥ 1800	51.0	93.6	95.6	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1500	51.0	93.6	95.6	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1200	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 900	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 800	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR STATION NAME

73-81

EE3

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
NO CEILING	15.7	29.8	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8		
≥ 20000	18.2	34.9	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
18000	18.7	35.4	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
16000	18.7	35.4	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
14000	18.7	35.4	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
12000	20.2	45.1	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
10000	25.3	50.8	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
9000	28.9	54.6	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
8000	30.1	56.1	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
7000	30.5	56.5	57.5	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	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
6000	30.5	56.5	57.5	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	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
5000	30.5	75.2	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	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
4500	30.6	75.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
4000	34.9	85.4	86.5	86.5	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	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
3500	38.0	88.8	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	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3000	42.0	93.7	95.8	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	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
2500	42.3	94.7	97.1	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	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2000	42.4	94.9	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1800	42.4	94.9	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1500	42.4	95.1	97.7	97.7	98.5	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	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1200	42.5	95.8	98.5	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	42.5	95.8	98.5	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	42.5	95.8	98.5	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	42.5	95.8	98.5	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	42.5	95.8	98.6	98.6	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 731

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6 10
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 10000	17.5	29.5	30.7	31.0	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3
≥ 8000	22.2	37.2	38.7	39.2	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 6000	23.0	38.0	39.6	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5
≥ 4000	23.0	38.1	39.7	40.2	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6
≥ 2000	25.2	46.7	48.5	49.0	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6
≥ 1500	29.7	51.8	53.6	54.2	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1000	33.1	55.6	57.5	58.1	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.8
≥ 800	34.1	57.1	59.0	59.6	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4
≥ 700	34.2	57.2	59.2	59.8	60.3	60.3	60.4	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 600	34.2	57.2	59.2	59.8	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 500	34.3	71.1	73.1	73.7	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 450	34.6	71.5	73.5	74.2	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 400	39.4	82.3	84.5	85.2	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 350	43.6	87.0	89.3	90.1	90.8	90.8	90.9	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 300	46.9	91.0	93.7	94.6	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 250	47.4	92.2	95.1	96.2	97.2	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 200	47.6	92.5	95.5	96.6	97.7	97.9	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	47.7	92.5	95.6	96.7	97.8	98.0	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	47.8	92.6	95.7	96.8	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	47.8	93.2	96.4	97.6	99.0	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	47.8	93.2	96.4	97.6	99.0	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	47.8	93.2	96.4	97.6	99.0	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	47.8	93.2	96.4	97.6	99.0	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	47.8	93.3	96.5	97.7	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	47.8	93.3	96.5	97.7	99.2	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	47.8	93.3	96.5	97.8	99.2	99.4	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	47.8	93.3	96.6	97.8	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	47.8	93.3	96.6	97.8	99.2	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	47.8	93.3	96.6	97.8	99.2	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	47.8	93.3	96.6	97.8	99.2	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	47.9	93.3	96.6	97.8	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5815

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	12.6	32.7	34.6	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
I/W 18000 16000	15.5	38.7	40.4	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
I/W 14000 12000	15.5	38.7	40.4	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
I/W 10000 9000	19.5	48.7	50.8	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
I/W 8000 7000	21.4	52.3	54.7	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
I/W 6000 5000	21.4	52.3	54.7	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
I/W 4500 4000	21.8	80.6	83.1	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
I/W 3500 3000	27.7	90.0	92.9	94.0	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
I/W 2500 2000	29.7	93.5	96.8	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
I/W 1800 1500	29.7	93.5	96.8	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
I/W 1200 1000	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
I/W 900 800	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
I/W 700 600	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
I/W 500 400	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
I/W 300 200	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
I/W 100 0	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	26	24	24	23	22	22	21	21	20	20	19	19	18	18	17
NO. CEILING	12.9	32.3	35.9	37.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	14.7	36.6	40.6	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	15.0	37.0	41.0	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 16700	15.0	37.0	41.0	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 14000	15.7	37.0	41.0	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 12000	16.1	43.7	48.2	49.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	19.8	48.1	52.6	54.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	21.5	50.1	54.8	56.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0
≥ 8000	22.0	50.9	55.5	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 7000	22.0	50.9	55.5	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 6000	22.0	50.9	55.5	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 5000	22.0	76.3	81.0	82.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 4500	22.1	76.5	81.1	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
≥ 4000	25.2	81.9	86.9	88.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 3500	27.1	83.9	89.1	91.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 3000	28.1	85.9	91.4	93.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 2500	28.4	87.0	92.8	95.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 2000	28.7	87.3	93.1	95.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 1800	28.7	87.3	93.2	95.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1500	28.8	87.4	93.3	95.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1200	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	13.2	25.1	31.0	33.1	35.4	35.5	35.5	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 2000	17.4	34.3	41.5	43.8	46.1	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
18000	17.8	34.6	42.0	44.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
16000	17.8	34.6	42.0	44.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
14000	17.8	34.6	42.0	44.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
12000	19.0	41.0	49.4	51.8	54.3	54.4	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8
10000	21.3	44.0	52.7	55.3	58.0	58.1	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.5	58.5
9000	22.8	46.2	55.1	57.9	60.5	60.7	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
8000	23.4	46.7	55.6	58.4	61.0	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5
7000	23.4	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
6000	23.4	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
5000	23.5	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
4500	23.6	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
4000	26.4	73.6	83.0	85.8	88.6	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1
3500	29.3	76.6	86.2	89.0	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3
3000	31.3	79.1	89.1	92.0	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
2500	31.6	79.9	90.4	93.3	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
2000	31.7	80.2	90.9	93.9	97.3	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0
1800	31.7	80.2	90.9	93.9	97.5	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1
1500	31.7	80.2	90.9	93.9	97.5	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1
1200	31.9	80.8	91.9	95.2	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
1000	31.9	80.8	91.9	95.2	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
900	31.9	80.8	91.9	95.2	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
800	31.9	80.8	92.0	95.3	99.0	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
700	31.9	80.8	92.1	95.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
600	31.9	80.8	92.1	95.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
500	31.9	80.8	92.1	95.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
400	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
300	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
200	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
100	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4
NO CEILING	16.2	32.2	37.6	39.6	41.3	41.3	41.3	41.4	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8
≥ 20000	21.2	42.2	49.5	52.4	54.3	54.3	54.3	54.5	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
≥ 18000	21.6	43.1	50.6	53.8	55.8	55.8	55.8	56.1	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 16000	21.6	43.3	50.9	54.0	56.1	56.1	56.1	56.3	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 14000	21.7	43.4	51.1	54.4	56.6	56.6	56.6	56.8	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 12000	23.5	49.1	57.4	61.2	63.9	63.9	63.9	64.1	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 10000	25.0	51.0	59.8	63.8	66.8	66.8	66.8	67.0	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 9000	26.1	52.5	61.4	65.3	68.6	68.6	68.6	68.8	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 8000	26.5	53.7	62.5	66.4	69.7	69.7	69.7	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 7000	26.5	53.7	62.5	66.4	69.7	69.7	69.7	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 6000	26.5	53.7	62.5	66.4	69.7	69.7	69.7	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 5000	26.8	67.3	76.3	80.2	83.5	83.5	83.5	83.7	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 4500	26.9	67.4	76.4	80.3	83.6	83.6	83.6	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 4000	29.2	73.4	82.4	86.5	89.9	90.0	90.0	90.3	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7
≥ 3500	31.2	75.5	84.8	89.0	92.7	92.8	92.8	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3000	33.0	77.5	87.1	91.4	95.3	95.5	95.5	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2500	33.2	78.0	88.0	92.6	96.5	96.6	96.6	97.1	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 2000	33.3	78.3	88.3	93.1	97.1	97.3	97.3	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	33.3	78.3	88.3	93.2	97.2	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 1500	33.3	78.3	88.4	93.3	97.3	97.6	97.6	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1200	33.3	78.5	88.6	93.7	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 1000	33.3	78.5	88.6	93.8	98.2	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	33.3	78.5	88.6	93.8	98.2	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	33.3	78.5	88.6	93.9	98.4	98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1000-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	21.2	34.7	34.7	34.8	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2000	29.7	45.9	47.6	47.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 1800	30.5	47.6	49.6	49.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1600	30.5	47.6	49.6	49.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1400	30.6	47.7	49.7	49.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1200	33.0	56.2	58.7	58.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 1000	35.8	59.8	62.3	62.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 900	36.8	61.4	64.2	64.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 800	37.0	61.7	64.4	64.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 700	37.1	61.8	64.5	64.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 600	37.1	61.8	64.5	64.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 500	37.8	76.4	79.2	79.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 450	38.2	76.8	79.5	79.9	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 400	42.8	85.9	89.1	89.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 350	45.8	89.0	92.3	92.6	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 300	47.4	91.1	94.6	95.1	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 250	48.3	92.8	96.1	96.6	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	48.4	92.9	96.4	96.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 180	48.4	92.9	96.4	96.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 150	48.4	92.9	96.4	96.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 120	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 90	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 80	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 70	48.4	93.0	96.8	97.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 60	48.4	93.0	96.8	97.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	48.4	93.0	96.8	97.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6/16

HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0	
NO CEILING	19.6	32.5	32.7	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 2000	29.1	47.1	47.9	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 1800	30.4	49.0	49.9	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6
≥ 1600	30.4	49.1	50.0	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1400	30.7	49.4	50.2	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1200	32.8	56.9	58.2	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1000	35.9	60.5	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 900	37.3	62.3	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0
≥ 800	38.3	63.6	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 700	38.3	63.7	65.6	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
≥ 600	38.3	63.7	65.6	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
≥ 500	38.4	79.3	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 450	39.0	79.9	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7
≥ 400	44.0	88.4	90.5	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	48.0	92.9	95.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	48.9	94.1	96.6	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	49.4	95.1	97.8	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	49.4	95.3	97.9	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	49.4	95.3	97.9	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	49.4	95.3	97.9	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATISTICS															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
2 10000	15.7	34.2	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
2 9000	23.7	45.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
2 8000	24.9	46.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 7000	24.8	46.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 6000	24.8	46.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 5000	26.2	54.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
2 4000	29.0	57.8	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7
2 3000	30.2	59.8	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7
2 2000	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
2 1000	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
2 500	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
2 400	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
2 3500	31.2	81.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0
2 3000	34.5	87.9	90.5	90.9	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
2 2500	37.3	90.8	94.3	94.6	95.0	95.0	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2 2000	38.1	92.1	96.1	96.8	97.1	97.1	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2 1800	39.0	93.1	97.3	97.9	98.4	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2 1600	39.1	93.3	97.4	98.0	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 1400	39.1	93.3	97.4	98.0	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 1200	39.1	93.6	97.8	98.5	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 1000	39.1	93.6	97.8	98.5	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 900	39.1	93.6	97.8	98.5	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 800	39.1	93.6	97.8	98.5	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 700	39.1	93.6	97.8	98.6	99.3	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 600	39.1	93.6	97.8	98.6	99.3	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 500	39.1	93.6	97.8	98.6	99.3	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 400	39.1	93.6	97.8	98.6	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300	39.1	93.6	97.8	98.6	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	39.1	93.6	97.8	98.6	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	39.1	93.6	97.8	98.6	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 00	39.1	93.6	97.8	98.6	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 167 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	16.1	35.7	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 20000	27.4	42.3	43.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000	21.4	43.5	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	21.4	43.5	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	21.6	43.7	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000	22.5	50.9	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	25.1	54.3	55.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	26.1	56.6	57.4	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	26.6	57.4	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8
≥ 7000	26.6	57.5	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	26.6	57.5	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 5000	26.8	84.8	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	27.3	85.3	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	29.3	90.1	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	31.6	92.9	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	33.2	94.7	95.9	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	33.4	94.9	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	33.6	95.4	97.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	33.6	95.6	97.3	98.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	33.6	95.6	97.3	98.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	9.7	30.3	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 20000	11.8	34.7	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000	11.9	35.0	35.5	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 16000	12.1	35.1	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 14000	12.1	35.1	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 12000	12.9	43.4	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 10000	17.7	48.9	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	20.8	52.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000	21.7	53.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 7000	21.7	53.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000	21.7	53.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 5000	21.7	87.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	21.7	87.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	24.9	92.1	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	26.4	94.0	95.2	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
≥ 3000	27.7	95.6	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	28.0	96.0	98.0	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	28.0	96.1	98.1	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
≥ 900	28.0	96.1	98.1	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
≥ 800	28.0	96.1	98.3	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
≥ 700	28.0	96.4	98.5	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
≥ 600	28.0	96.4	98.5	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
≥ 500	28.0	96.4	98.5	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
≥ 400	28.0	96.4	98.5	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
≥ 300	28.0	96.4	98.5	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
≥ 200	28.0	96.4	98.5	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	28.0	96.4	98.5	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
≥ 0	28.0	96.4	98.5	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

TOTAL NUMBER OF OBSERVATIONS 746

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	12.2	32.6	34.7	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	13.5	36.9	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 18000	13.5	37.1	39.4	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 16000	13.5	37.1	39.4	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 14000	13.5	37.1	39.4	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 12000	14.9	44.0	46.6	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	19.0	48.5	51.2	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	22.9	52.9	55.9	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	24.4	54.6	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000	24.4	54.6	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	24.7	54.8	57.9	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	24.7	86.5	89.5	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
≥ 4500	24.7	86.5	89.5	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
≥ 4000	27.1	91.2	94.4	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
≥ 3500	28.3	92.8	95.8	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
≥ 3000	29.5	93.8	97.5	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
≥ 2500	29.5	93.8	97.5	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
≥ 2000	29.5	94.0	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
≥ 1800	29.5	94.0	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
≥ 1500	29.5	94.0	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
≥ 1200	29.5	94.1	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	29.5	94.1	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	29.5	94.1	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	29.5	94.4	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	29.5	94.6	98.7	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
≥ 600	29.5	94.6	98.7	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
≥ 500	29.5	94.6	98.7	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
≥ 400	29.5	94.6	98.7	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
≥ 300	29.5	94.6	98.7	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
≥ 200	29.5	94.6	98.7	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
≥ 100	29.5	94.6	98.7	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
≥ 0	29.5	94.6	98.7	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 746

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16716

HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	13.4	27.9	32.0	34.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4
≥ 20000	17.3	34.7	40.6	43.0	44.4	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8
IV 18000	17.8	35.2	41.1	43.5	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
IV 16000	17.8	35.2	41.1	43.5	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
IV 14000	17.8	35.2	41.2	43.6	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5
IV 12000	19.2	41.6	48.4	51.3	53.1	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5
IV 10000	22.8	45.7	52.7	55.9	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
IV 9000	26.2	49.9	57.0	60.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
IV 8000	27.0	50.7	57.8	61.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
IV 7000	27.0	50.9	58.0	61.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8
IV 6000	27.0	50.9	58.0	61.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8
IV 5000	27.3	76.7	83.8	87.1	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
IV 4500	27.5	76.9	84.1	87.5	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
IV 4000	29.2	80.6	88.1	92.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5
IV 3500	30.6	82.1	89.7	93.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
IV 3000	31.1	82.7	90.4	94.5	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
IV 2500	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 2000	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 1800	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 1500	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 1200	31.2	83.8	91.6	95.7	98.2	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
IV 1000	31.2	83.8	91.8	96.2	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 900	31.2	83.8	91.8	96.2	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 800	31.2	83.9	92.0	96.3	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
IV 700	31.2	84.1	92.2	96.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
IV 600	31.2	84.1	92.2	96.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
IV 500	31.2	84.1	92.2	96.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
IV 400	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	20.7	36.0	39.0	40.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	24.9	45.0	49.1	50.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IVIM 18000	25.7	46.2	50.4	52.0	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IVIM 16000	25.7	46.2	50.9	52.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IVIM 14000	26.0	46.5	50.8	52.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IVIM 12000	28.6	53.0	58.0	60.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IVIM 10000	31.4	55.9	61.5	63.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IVIM 9000	32.5	57.2	62.9	65.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IVIM 8000	33.2	58.0	63.6	67.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IVIM 7000	33.2	58.0	63.6	67.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IVIM 6000	33.2	58.0	63.6	67.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IVIM 5000	33.3	77.4	83.1	86.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVIM 4500	33.6	78.0	83.6	87.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IVIM 4000	35.3	81.9	87.7	91.1	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVIM 3500	36.9	83.9	89.6	93.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IVIM 3000	37.4	84.8	90.6	94.2	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVIM 2500	37.5	85.2	90.9	94.6	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVIM 2000	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVIM 1800	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVIM 1500	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVIM 1200	37.8	85.6	91.6	95.3	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVIM 1000	37.8	85.7	91.7	95.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVIM 900	37.8	85.7	91.9	95.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVIM 800	37.8	85.7	91.9	95.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVIM 700	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 600	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 500	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 400	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 300	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 200	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 100	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIM 0	37.8	85.8	92.0	95.7	99.5	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 762

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 STATION HELLENIKON AB GR

73-81 YEAR

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4
NO CEILING	28.8	44.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	36.1	54.6	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	37.3	56.2	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	37.3	56.2	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	37.4	56.3	57.4	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	39.8	63.1	64.8	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	42.2	65.8	67.7	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
≥ 9000	44.1	68.1	69.9	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
≥ 8000	44.7	69.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	44.7	69.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	44.7	69.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	45.0	83.6	85.9	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	45.6	84.2	86.6	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
≥ 4000	48.6	90.7	93.2	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7
≥ 3500	51.8	94.0	96.6	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 3000	52.3	94.8	97.5	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 2500	52.5	95.3	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 2000	52.5	95.4	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1800	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716⁰ HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	28.7	41.9	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1
≥ 29000	34.2	50.7	51.4	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0
≥ 18000	35.3	52.0	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4
≥ 16000	35.3	52.0	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4
≥ 14000	35.3	52.0	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4
≥ 12000	38.4	60.6	61.4	61.9	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8
≥ 10000	42.2	64.9	65.7	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1
≥ 9000	44.4	67.4	68.2	68.9	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9
≥ 8000	45.5	68.9	69.6	70.4	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5
≥ 7000	45.5	68.9	69.6	70.4	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5
≥ 6000	45.6	69.0	69.8	70.6	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6
≥ 5000	45.7	83.4	84.2	85.0	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1
≥ 4500	46.4	84.1	84.9	85.7	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
≥ 4000	50.3	90.4	91.5	92.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 3500	53.7	93.3	94.6	95.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 3000	53.7	94.1	95.4	96.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8
≥ 2500	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 2000	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1800	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1500	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 1000	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 900	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 800	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 700	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16 167 HELLENIXON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	21
NO CEILING	22.7	37.1	38.0	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	26.1	43.9	44.8	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 18000	26.8	44.7	45.6	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 16000	26.8	44.7	45.6	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 14000	26.9	44.8	45.8	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 12000	29.0	53.1	54.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 10000	32.9	57.6	58.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 9000	35.2	60.0	61.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 8000	36.9	62.1	63.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000	37.0	62.2	63.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 6000	37.0	62.2	63.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 5000	37.0	83.1	84.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4500	37.3	83.4	84.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4000	41.4	90.2	91.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 3500	43.1	92.0	93.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3000	44.1	93.6	95.7	97.4	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500	44.3	94.8	97.0	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	44.3	94.8	97.0	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	44.3	94.8	97.0	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	44.3	94.8	97.0	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	44.3	95.0	97.3	99.1	99.7	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 765

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	13.7	33.7	34.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	16.8	38.5	39.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IVM 18000	17.0	38.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IVM 16000	17.0	38.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IVM 14000	17.0	38.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IVM 12000	18.4	46.0	47.1	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IVM 10000	23.3	51.7	52.8	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IVM 9000	25.5	54.2	55.3	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IVM 8000	26.0	54.9	56.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IVM 7000	26.1	55.0	56.2	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IVM 6000	26.1	55.0	56.2	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IVM 5000	26.1	85.3	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IVM 4500	26.4	85.5	86.7	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
IVM 4000	30.1	91.4	92.7	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IVM 3500	32.4	93.8	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVM 3000	34.1	95.9	97.5	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
IVM 2500	34.1	96.3	97.9	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
IVM 2000	34.1	96.3	97.9	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
IVM 1800	34.1	96.3	97.9	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
IVM 1500	34.1	96.3	97.9	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
IVM 1200	34.1	96.8	98.4	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
IVM 1000	34.1	96.8	98.4	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
IVM 900	34.1	96.8	98.4	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
IVM 800	34.1	96.8	98.4	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
IVM 700	34.1	96.8	98.5	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
IVM 600	34.1	96.8	98.5	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
IVM 500	34.1	96.8	98.5	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
IVM 400	34.1	96.8	98.5	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
IVM 300	34.1	96.8	98.5	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
IVM 200	34.1	96.8	98.5	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
IVM 100	34.1	96.8	98.5	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
IVM 0	34.1	96.8	98.5	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

TOTAL NUMBER OF OBSERVATIONS 754

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.01	≥ 0
NO CEILING	18.6	35.4	37.2	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	22.7	42.4	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	23.3	43.2	45.3	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 16000	23.3	43.2	45.3	46.1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000	23.3	43.3	45.4	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	25.2	50.7	53.2	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
≥ 10000	29.0	55.0	57.6	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7
≥ 9000	31.5	57.9	60.6	61.8	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	32.5	59.0	61.8	63.2	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	32.5	59.1	61.9	63.2	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3
≥ 6000	32.6	59.1	61.9	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	32.7	62.9	65.7	67.0	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 4500	33.0	83.2	86.0	87.4	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	35.9	88.5	91.6	93.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 3500	37.9	90.7	93.8	95.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 3000	38.8	91.9	95.2	96.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 2500	39.0	92.5	95.9	97.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	39.0	92.6	96.0	97.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	39.0	92.6	96.0	97.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	39.0	92.6	96.0	97.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	39.0	92.7	96.3	98.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1000	39.0	92.8	96.3	98.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 900	39.0	92.8	96.3	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	39.0	92.8	96.4	98.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	39.0	92.9	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	39.0	92.9	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	39.0	92.9	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.0	93.0	96.6	98.4	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	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6060

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160

HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	9.6	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
18000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
16000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
14000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
12000	10.6	41.0	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
10000	13.8	44.8	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
9000	15.0	46.3	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
8000	15.6	47.0	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
7000	15.8	47.2	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
6000	15.8	47.2	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
5000	15.8	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
4500	15.8	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
4000	16.8	97.0	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
3500	17.5	97.9	98.4	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
3000	17.9	98.3	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2500	17.9	98.6	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2000	18.0	98.7	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
1800	18.0	98.7	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
1500	18.0	98.7	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
1200	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	18.0	98.9	99.5	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
600	18.0	98.9	99.5	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
500	18.0	98.9	99.5	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
400	18.0	98.9	99.5	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
300	18.0	98.9	99.5	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
200	18.0	98.9	99.5	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	18.0	98.9	99.5	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
0	18.0	98.9	99.5	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

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	9.1	31.7	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 2000	10.7	36.7	38.3	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1800	10.8	36.9	38.5	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 1600	10.8	36.9	38.5	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 1400	10.9	36.9	38.5	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 1200	11.4	42.3	44.3	44.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1000	14.9	46.0	48.2	48.6	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 900	16.4	48.0	50.4	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 800	16.7	48.3	50.8	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 700	16.7	48.3	50.8	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 600	16.7	48.3	50.8	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 500	16.7	93.0	95.4	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 450	16.7	93.0	95.4	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	17.4	94.8	97.3	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 350	18.1	95.6	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	18.5	96.0	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 250	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 180	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 160	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 140	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 120	18.7	96.1	98.7	99.1	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	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 70	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	18.7	96.1	98.7	99.1	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 766

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01
NO CEILING	11.5	30.7	39.7	42.9	44.4	44.6	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 2000	14.1	35.6	45.2	49.0	51.0	51.2	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 1800	14.3	36.0	45.8	49.8	51.7	52.0	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 1500	14.3	36.0	45.8	49.8	51.7	52.0	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 1400	14.8	36.2	46.1	50.1	52.0	52.2	52.5	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 1200	14.9	39.7	49.9	54.4	56.7	57.0	57.2	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1000	17.3	43.0	53.4	58.3	60.8	61.1	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 900	19.1	45.3	55.8	60.8	63.4	63.6	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 800	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 700	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 600	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 500	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 450	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 400	20.9	79.0	89.5	94.5	97.1	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 350	21.4	79.5	90.0	95.0	97.7	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	21.8	80.0	90.7	95.6	98.3	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 250	21.8	80.3	90.9	96.0	98.7	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	21.8	80.3	91.0	96.2	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	21.8	80.3	91.0	96.2	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	21.8	80.3	91.0	96.2	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS:

3900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	25.7	46.3	48.7	49.6	50.1	50.2	50.2	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6
≥ 2000	28.0	52.0	55.0	56.3	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9
≥ 1800	28.3	52.4	55.7	56.9	58.2	58.3	58.3	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
≥ 1600	28.3	52.4	55.8	57.1	58.3	58.4	58.4	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8
≥ 1400	28.3	52.5	55.9	57.2	58.4	58.6	58.6	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0
≥ 1200	29.1	56.3	59.8	61.4	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2
≥ 1000	31.5	59.1	62.6	64.2	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 900	32.5	60.4	64.0	65.7	67.6	67.7	67.7	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2
≥ 800	32.9	60.9	64.7	66.3	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9
≥ 700	33.0	61.0	64.8	66.5	68.4	68.5	68.5	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
≥ 600	33.0	61.0	64.8	66.5	68.4	68.5	68.5	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
≥ 500	33.0	61.0	64.8	66.5	68.4	68.5	68.5	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
≥ 450	33.2	88.4	92.2	93.8	95.8	95.9	95.9	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 400	34.1	89.7	93.8	95.4	97.3	97.5	97.5	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 350	34.4	90.2	94.4	96.1	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 300	34.6	90.3	94.5	96.2	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 250	34.6	90.7	95.0	96.7	98.6	98.7	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 200	34.9	91.1	95.4	97.2	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 180	34.9	91.1	95.4	97.2	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 150	34.9	91.1	95.4	97.2	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 120	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 90	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 80	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 70	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 60	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 50	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 40	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 30	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 20	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 10	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122	128	134	140
> 27000	37.6	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 27000	41.7	62.5	63.4	63.6	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	63.8	63.8	63.8	63.8
> 24000	42.3	63.3	64.2	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	64.5	64.5	64.5	64.5	64.5
≥ 24000	42.5	63.4	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
> 21000	42.5	63.4	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 21000	43.4	67.6	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
> 18000	46.8	71.2	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	47.6	71.9	73.1	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
> 15000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 15000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 12000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 9000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 6000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 3000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 1000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 500	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 500	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 200	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 200	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 100	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 100	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 50	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 50	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 20	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 10	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 5	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
> 1	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	UNBROKEN STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	34.2	53.8	57.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0
≥ 20000	47.4	60.8	67.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 18000	43.5	60.9	61.2	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8	62.0	62.0	62.0	62.0	62.0
≥ 16000	40.5	60.9	61.2	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1
≥ 14000	40.5	60.9	61.2	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1
≥ 12000	41.3	64.7	65.2	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5
≥ 10000	44.3	68.0	68.5	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8
≥ 9000	45.8	69.7	70.2	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	46.7	70.6	71.2	72.1	72.2	72.2	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6
≥ 7000	46.7	70.6	71.2	72.1	72.2	72.2	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6
≥ 6000	46.7	70.6	71.2	72.1	72.2	72.2	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6
≥ 5000	46.8	87.0	87.7	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1
≥ 4500	47.3	87.5	88.2	89.1	89.2	89.2	89.2	89.3	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	50.0	91.0	91.8	92.7	92.8	92.8	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	51.7	93.1	94.0	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	53.3	94.9	95.9	96.9	97.2	97.2	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUSES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	24.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	29.2	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	30.0	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000	30.0	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	30.7	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	30.9	54.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	33.7	57.6	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	35.4	59.3	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	37.0	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	37.0	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000	37.7	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	37.2	92.0	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	37.3	92.1	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	39.1	95.1	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	40.4	96.5	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	41.2	97.4	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	41.3	97.5	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6-16
YEAR

HELLENIKON AB GR
STATION NAME

73-81
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
TIME PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
∞	12.8	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	14.4	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000	14.5	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000	14.5	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000	14.5	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 12000	15.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 10000	18.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 9000	19.9	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	20.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 7000	20.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 6000	20.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 5000	20.8	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	94.1
≥ 4500	21.0	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
≥ 4000	22.1	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	96.7
≥ 3500	23.5	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	24.4	98.7	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
≥ 2500	24.4	98.7	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
≥ 2000	24.4	98.7	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
≥ 1800	24.4	98.7	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
≥ 1500	24.4	98.7	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
≥ 1200	24.4	98.8	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
≥ 1000	24.4	98.8	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
≥ 900	24.4	98.8	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
≥ 800	24.4	98.8	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
≥ 700	24.4	98.8	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
≥ 600	24.4	98.8	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
≥ 500	24.4	98.8	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
≥ 400	24.4	98.8	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
≥ 300	24.4	98.8	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
≥ 200	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.4	98.8	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
≥ 0	24.4	98.8	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 763

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CERES ≤ 20000	20.7	40.8	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IVIM 18000	24.7	47.4	49.5	50.2	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IVIM 16000	24.7	47.4	49.5	50.3	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1
IVIM 14000	24.1	47.5	49.6	50.3	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1
IVIM 12000	24.7	51.4	53.7	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
IVIM 10000	27.7	54.8	57.1	58.2	58.8	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IVIM 9000	29.1	56.4	58.8	59.9	60.7	60.7	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
IVIM 8000	29.8	57.3	59.8	60.9	61.7	61.7	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0
IVIM 7000	29.9	57.3	59.8	60.9	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IVIM 6000	29.9	57.3	59.8	60.9	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IVIM 5000	29.9	89.2	91.7	92.9	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IVIM 4500	30.0	89.4	91.9	93.0	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
IVIM 4000	31.4	91.8	94.5	95.6	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
IVIM 3500	32.4	92.9	95.7	96.8	97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVIM 3000	33.1	93.7	96.5	97.7	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IVIM 2500	33.3	94.3	97.2	98.4	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVIM 2000	33.4	94.4	97.3	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVIM 800	33.4	94.4	97.3	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVIM 1500	33.4	94.4	97.3	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVIM 1200	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 1000	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 900	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 800	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 700	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 600	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 500	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 400	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 300	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 200	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 100	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIM 0	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6194

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0	≥0	≥0	≥0	≥0	≥0
NO CEILING	8.3	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 18000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 16000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 14000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 12000	8.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 10000	9.6	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 9000	10.5	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 8000	10.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 7000	10.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 6000	10.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 5000	10.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	10.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	11.3	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	99.9
≥ 3500	11.3	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	99.9
≥ 3000	11.3	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	99.9
≥ 2500	11.3	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	99.9
≥ 2000	11.3	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	99.9
≥ 1800	11.3	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	99.9
≥ 1500	11.3	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	99.9
≥ 1200	11.3	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
≥ 1000	11.3	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
≥ 900	11.3	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
≥ 800	11.3	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
≥ 700	11.3	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
≥ 600	11.3	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
≥ 500	11.3	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
≥ 400	11.3	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
≥ 300	11.3	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
≥ 200	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	11.3	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
≥ 0	11.3	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 780

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2
NO CEILING	7.7	31.4	33.9	34.1	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5
≥ 20000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 18000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 16000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 14000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 12000	8.9	36.1	38.7	39.0	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3
≥ 10000	9.9	37.3	39.9	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5
≥ 9000	12.2	39.7	42.4	42.6	42.7	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0
≥ 8000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 7000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 6000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 5000	12.9	95.6	98.2	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 4500	12.9	95.6	98.2	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 4000	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 3500	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 3000	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 2500	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	13.3	96.7	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 765

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	11.6	36.2	43.7	44.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	12.3	37.4	45.1	46.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
18000	12.3	37.4	45.1	46.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
16000	12.3	37.4	45.1	46.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
14000	12.3	37.7	45.4	46.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
12000	12.8	39.6	47.4	48.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
10000	14.2	41.0	48.9	49.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
9000	15.3	42.2	50.4	51.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
8000	15.8	42.7	51.1	52.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
7000	16.1	43.0	51.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
6000	16.1	43.0	51.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
5000	16.1	87.0	95.3	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
4500	16.1	87.0	95.4	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
4000	16.7	88.2	96.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3500	17.4	89.0	97.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3000	17.6	89.1	97.6	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	17.6	89.1	97.7	98.7	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	17.6	89.1	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	17.6	89.1	97.7	98.7	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 791

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIXON AB GR

73-61

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OF HRS.	25.4	47.6	48.7	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.7
29000	26.9	50.8	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0
18000	26.9	50.8	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0
16000	26.9	50.8	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0
14000	26.9	50.8	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0
12000	27.7	53.0	54.4	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.6
10000	28.4	53.8	55.3	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.6
9000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2
8000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2
7000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2
6000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2
5000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2
4500	29.1	94.6	96.2	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4
4000	30.1	95.6	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.5
3500	30.1	96.4	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.2
3000	31.0	96.5	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4
2500	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
2000	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
1800	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
1500	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
1200	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
1000	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
900	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
800	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
700	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
600	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
500	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
400	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
300	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
200	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
100	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
0	31.0	97.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16 STATION HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	41.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IVM 18000	44.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IVM 14000	44.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IVM 10000	46.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IVM 8000	47.7	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IVM 6000	47.7	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IVM 4500	47.7	95.4	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
IVM 3500	47.8	95.5	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
IVM 2500	48.3	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IVM 1800	49.4	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
IVM 1500	50.1	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
IVM 1200	50.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IVM 900	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 800	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 700	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 600	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 500	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 400	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 300	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 200	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 100	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVM 0	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	41.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	45.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
IVM 18000	46.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IVM 16000	46.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IVM 14000	46.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IVM 12000	46.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
IVM 10000	47.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
IVM 9000	48.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9
IVM 8000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IVM 7000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IVM 6000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IVM 5000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IVM 4500	49.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IVM 4000	50.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IVM 3500	51.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
IVM 3000	52.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
IVM 2500	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 2000	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 1800	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 1500	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 1200	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 1000	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 900	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 800	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 700	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 600	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 500	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 400	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 300	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 200	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 100	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IVM 0	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 775

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	27.1	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	29.7	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	29.8	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	29.8	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	29.8	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	30.6	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	31.6	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	33.1	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
8000	33.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000	33.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	33.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	33.5	56.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
4500	33.6	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
4000	34.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3500	35.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	35.7	98.8	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
2500	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 167 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	14.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 15000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 14000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	14.8	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	16.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 9000	17.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 8000	17.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 7000	17.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 6000	17.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 5000	17.7	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
≥ 4500	17.7	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
≥ 4000	18.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	18.5	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
≥ 3000	18.6	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
≥ 2500	18.6	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
≥ 2000	18.6	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
≥ 1800	18.6	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
≥ 1500	18.6	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
≥ 1200	18.6	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
≥ 1000	18.6	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
≥ 900	18.6	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
≥ 800	18.6	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
≥ 700	18.6	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
≥ 600	18.6	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
≥ 500	18.6	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
≥ 400	18.6	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
≥ 300	18.6	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
≥ 200	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.6	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
≥ 0	18.6	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 789

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 160 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01	
NO CEILING	22.2	43.5	45.0	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
≥ 20000	23.9	46.4	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 18000	23.9	46.5	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	23.9	46.5	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000	23.9	46.5	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
≥ 12000	24.4	48.6	50.2	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8
≥ 10000	25.5	49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000	26.6	50.9	52.6	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 8000	27.0	51.4	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7
≥ 7000	27.1	51.4	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 6000	27.1	51.4	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
≥ 5000	27.1	95.2	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	27.2	95.3	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	27.8	96.1	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
AVN 3500	28.5	96.9	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AVN 3000	28.7	97.1	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
AVN 2500	28.7	97.5	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
AVN 2000	28.7	97.5	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 1800	28.7	97.5	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 1500	28.7	97.5	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 1200	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 1000	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 900	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 800	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 700	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 600	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 500	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 400	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 300	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 200	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 100	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
AVN 0	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6238

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIXON AB GR

73-81

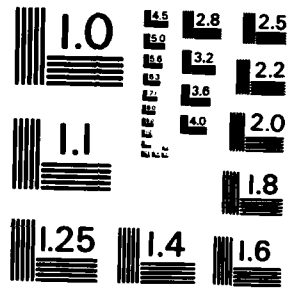
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PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

NO. FEET	VISIBILITY STATISTICAL															
	210	26	23	24	25	22	21	20	19	18	17	16	15	14	13	12
2 20000	5.9	33.1	33.6	34.5	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
2 18000	5.9	33.3	34.0	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0
2 16000	5.9	33.3	34.0	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0
2 14000	5.9	33.3	34.0	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0
2 12000	5.9	34.2	34.8	35.7	35.7	35.7	35.7	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9
2 10000	6.9	35.4	36.0	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
2 9000	7.6	36.0	36.6	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
2 8000	8.1	36.5	37.1	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
2 7000	8.1	36.5	37.1	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
2 6000	8.1	36.5	37.1	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
2 5000	8.1	97.6	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2 4500	8.1	97.6	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2 4000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 3500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 3000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 2500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 2000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1800	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1200	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 900	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 800	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 700	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 600	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 400	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16716
NO. OF YEARS

HELLENIKON AB GR
STATION NAME

73-81
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	7.0	34.8	35.7	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2
≥ 20000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
IV 18000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
IV 16000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
IV 14000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
IV 12000	7.0	35.7	36.7	37.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	
IV 10000	8.0	36.7	37.7	38.6	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	
IV 9000	8.4	37.2	38.2	39.1	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	
IV 8000	8.7	37.7	38.7	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3	
IV 7000	8.7	37.7	38.7	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3	
IV 6000	8.7	37.7	38.7	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3	
IV 5000	8.7	97.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	
IV 4500	8.9	97.2	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	
IV 4000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 3500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 3000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 2500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 2000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 1800	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 1500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 1200	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 1000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 900	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 800	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 700	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 600	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716: HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	10.3	35.9	42.3	45.3	47.4	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	10.9	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IVM 18000	10.9	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IVM 16000	10.9	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IVM 14000	10.9	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IVM 12000	10.9	36.9	43.4	46.5	48.5	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IVM 10000	10.6	37.2	43.8	46.9	48.9	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IVM 9000	11.0	37.7	44.6	47.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IVM 8000	11.1	37.8	44.7	47.9	49.9	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IVM 7000	11.1	37.9	44.8	48.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IVM 6000	11.1	37.9	44.8	48.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IVM 5000	11.4	87.1	94.0	97.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 4500	11.4	87.1	94.0	97.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 4000	11.6	87.4	94.3	97.4	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 3500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 3000	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 2500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 2000	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 1800	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 1500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 1200	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 1000	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 900	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 800	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 700	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 600	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 400	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 300	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 200	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 100	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	20.6	48.6	51.0	52.4	53.7	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	20.8	49.0	51.4	52.8	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	21.1	49.3	51.6	53.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	21.1	49.3	51.6	53.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	21.1	49.3	51.6	53.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	21.2	50.5	52.8	54.2	55.5	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	21.5	50.8	53.3	54.7	56.0	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	22.1	51.5	53.9	55.3	56.6	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000	22.4	51.7	54.2	55.6	56.9	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	22.5	52.0	54.4	55.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000	22.5	52.0	54.4	55.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	22.7	94.1	96.5	97.9	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	22.7	94.1	96.5	97.9	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	22.7	94.3	96.8	98.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	22.7	94.3	96.8	98.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	22.7	94.3	96.8	98.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0
NO. CEILING ≥ 20000	39.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6
IVM ≥ 20000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IVM 18000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IVM 16000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IVM 14000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IVM 12000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IVM 10000	39.8	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.3	67.3	67.3	67.3
IVM 9000	40.6	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0
IVM 8000	41.2	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7
IVM 7000	41.4	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
IVM 6000	41.4	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
IVM 5000	41.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7
IVM 4500	41.6	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IVM 4000	42.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6
IVM 3500	43.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1
IVM 3000	43.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
IVM 2500	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IVM 2000	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IVM 1800	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IVM 1500	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IVM 1200	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 1000	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 900	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 800	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 700	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 600	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 500	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 400	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 300	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 200	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 100	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IVM 0	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	42.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 18000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 16000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 14000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 12000	43.1	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	68.8
≥ 10000	43.1	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	68.8
≥ 9000	44.1	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 8000	44.2	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 7000	44.2	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 6000	44.2	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 5000	44.3	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 4500	44.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 4000	45.2	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	99.5
≥ 3500	45.5	99.1	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
≥ 3000	45.5	99.1	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
≥ 2500	45.5	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	100.0
≥ 2000	45.5	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	100.0
≥ 1800	45.5	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	100.0
≥ 1500	45.5	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	100.0
≥ 1200	45.5	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	100.0
≥ 1000	45.5	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	100.0
≥ 900	45.5	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	100.0
≥ 800	45.5	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	100.0
≥ 700	45.5	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	100.0
≥ 600	45.5	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	100.0
≥ 500	45.5	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	100.0
≥ 400	45.5	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	100.0
≥ 300	45.5	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	100.0
≥ 200	45.5	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	100.0
≥ 100	45.5	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	100.0
≥ 0	45.5	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	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160

HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	22.4	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7
≥ 20000	22.3	46.9	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	22.9	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
≥ 16000	22.9	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	23.2	47.2	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9
≥ 12000	23.4	48.0	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	24.1	48.7	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4
≥ 9000	24.7	49.4	49.7	49.7	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	26.3	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 7000	26.3	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 6000	26.3	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 5000	26.3	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
4500	26.6	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
4000	27.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
3500	27.1	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
3000	27.1	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
2500	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
2000	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1800	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1500	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1200	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1000	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
900	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
800	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
700	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
600	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
500	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
400	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
300	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167150
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
TIME PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.4	36.3	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	10.6	36.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 18000	10.8	37.0	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 16000	10.8	37.0	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 14000	10.8	37.0	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000	10.8	38.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 10000	11.3	38.9	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 9000	11.5	39.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 8000	11.9	39.5	40.6	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 7000	11.9	39.5	40.6	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 6000	11.9	39.5	40.6	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 5000	11.9	97.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	12.0	97.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	12.3	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	12.5	97.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	12.7	98.0	99.2	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
≥ 2500	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	19.9	45.8	47.3	48.1	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8
≥ 20000	20.0	46.1	47.7	48.5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2
≥ 8000	20.1	46.2	47.8	48.6	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3
≥ 16000	20.1	46.2	47.8	48.6	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3
≥ 14000	20.1	46.2	47.8	48.6	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3
≥ 12000	20.2	47.2	48.8	49.7	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 10000	20.7	47.8	49.4	50.2	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
≥ 9000	21.2	48.4	50.1	50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6
≥ 8000	21.8	49.0	50.6	51.4	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥ 7000	21.8	49.0	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 6000	21.8	49.0	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 5000	21.9	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 4500	22.0	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 4000	22.4	96.3	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	22.5	96.4	98.2	99.0	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 3000	22.6	96.5	98.3	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 2500	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 2000	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1800	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1500	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1200	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1000	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	22.6	96.7	98.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0
NO CEILING	7.1	35.4	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 18000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 16000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 14000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 12000	7.1	37.0	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 10000	8.2	38.0	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
IV 9000	8.7	38.5	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 8000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 7000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 6000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 5000	8.9	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4500	8.9	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4000	8.9	98.6	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
IV 3500	9.0	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3000	9.0	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2500	9.0	99.0	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
IV 2000	9.0	99.0	99.5	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
IV 1800	9.0	99.0	99.5	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
IV 1500	9.0	99.0	99.5	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
IV 1200	9.0	99.0	99.5	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
IV 1000	9.0	99.0	99.5	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
IV 900	9.0	99.0	99.5	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
IV 800	9.0	99.0	99.5	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
IV 700	9.0	99.0	99.5	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
IV 600	9.0	99.0	99.5	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
IV 500	9.0	99.0	99.5	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
IV 400	9.0	99.0	99.5	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
IV 300	9.0	99.0	99.5	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
IV 200	9.0	99.0	99.5	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
IV 100	9.0	99.0	99.5	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
IV 0	9.0	99.0	99.5	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 790

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05
NO CEILING	6.4	34.4	35.3	35.6	35.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	6.7	34.9	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 18000	6.9	35.1	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 16000	6.9	35.1	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 14000	6.9	35.1	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 12000	7.2	36.0	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 10000	8.3	37.1	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IV 9000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 8000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 7000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 6000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 5000	8.6	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	8.6	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4000	8.6	98.6	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
IV 3500	8.9	98.7	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
IV 3000	8.9	98.7	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
IV 2500	8.9	98.7	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
IV 2000	8.9	98.7	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
IV 1800	8.9	98.7	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
IV 1500	8.9	98.7	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
IV 1200	8.9	98.7	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	100.0
IV 1000	8.9	98.7	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	100.0
IV 900	8.9	98.7	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	100.0
IV 800	8.9	98.7	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	100.0
IV 700	8.9	98.7	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	100.0
IV 600	8.9	98.7	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	100.0
IV 500	8.9	98.7	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	100.0
IV 400	8.9	98.7	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	100.0
IV 300	8.9	98.7	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	100.0
IV 200	8.9	98.7	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	100.0
IV 100	8.9	98.7	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	100.0
IV 50	8.9	98.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	13.8	40.2	44.8	45.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	13.8	40.3	45.3	46.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
18000	13.8	40.3	45.3	46.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
16000	13.8	40.3	45.3	46.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
14000	13.9	40.5	45.4	46.3	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
12000	14.0	41.0	46.1	47.0	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
10000	15.3	42.2	47.4	48.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
9000	15.7	42.7	48.0	48.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
8000	15.7	42.7	48.0	48.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
7000	15.8	43.0	48.3	49.2	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
6000	15.8	43.0	48.3	49.2	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
5000	15.8	91.7	97.0	97.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
4500	15.8	91.7	97.0	97.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
4000	15.8	91.9	97.2	98.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3500	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3000	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	15.9	92.0	97.3	98.2	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	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .00
NO CEILING	25.7	53.6	55.8	56.6	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
≥ 2000	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 1800	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 1600	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 1400	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 1200	25.7	55.0	57.2	58.0	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
≥ 1000	26.1	55.4	57.6	58.4	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
≥ 900	26.6	55.9	58.1	58.9	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 800	26.9	56.3	58.5	59.3	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 700	26.9	56.3	58.5	59.3	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 600	26.9	56.3	58.5	59.3	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 500	26.9	95.0	97.2	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 4500	26.9	95.0	97.2	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 4000	27.1	95.4	97.6	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 3500	27.3	95.7	97.8	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 3000	27.5	95.8	98.0	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 2500	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 2000	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1800	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1500	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1200	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

167160
STATION

HELLENIKON AB GR -
STATION NAME

73-81
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
TIME PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	43.3	66.0	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	44.1	68.4	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
≥ 10000	44.6	68.9	69.6	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
≥ 9000	45.2	69.5	70.4	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
≥ 8000	45.3	69.6	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	45.3	69.6	70.5	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
≥ 6000	45.3	69.6	70.5	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
≥ 5000	45.5	94.6	95.5	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
≥ 4500	45.6	94.7	95.6	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
≥ 4000	46.6	96.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	46.9	96.7	97.7	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
≥ 3000	47.5	97.4	98.4	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
≥ 2500	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.5	98.0	99.2	100.0	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 794

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	44.5	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 29000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 15000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	45.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	45.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	46.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	47.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	47.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	47.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	47.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	47.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	48.1	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	48.6	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
≥ 3000	49.2	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
≥ 2500	49.3	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	100.0
≥ 2000	49.3	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	100.0
≥ 1800	49.3	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	100.0
≥ 1500	49.3	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	100.0
≥ 1200	49.3	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	100.0
≥ 1000	49.3	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	100.0
≥ 900	49.3	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	100.0
≥ 800	49.3	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	100.0
≥ 700	49.3	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	100.0
≥ 600	49.3	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	100.0
≥ 500	49.3	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	100.0
≥ 400	49.3	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	100.0
≥ 300	49.3	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	100.0
≥ 200	49.3	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	100.0
≥ 100	49.3	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	100.0
≥ 0	49.3	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	100.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16 HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	21.3	45.2	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	21.9	46.1	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
18000	21.9	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
16000	21.9	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
14000	21.9	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
12000	22.3	47.3	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
10000	22.5	47.6	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
9000	23.3	48.3	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
8000	23.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
7000	23.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
6000	23.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
5000	23.8	49.5	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
4500	23.9	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
4000	24.7	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3500	24.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
3000	24.8	98.8	99.0	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
2500	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	24.8	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	100.0	100.0
1000	24.8	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	100.0	100.0
900	24.8	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	100.0	100.0
800	24.8	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	100.0	100.0
700	24.8	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	100.0	100.0
600	24.8	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	100.0	100.0
500	24.8	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	100.0	100.0
400	24.8	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	100.0	100.0
300	24.8	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	100.0	100.0
200	24.8	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	100.0	100.0
100	24.8	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	100.0	100.0
0	24.8	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO. CEILING	10.0	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 18000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 16000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 14000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 12000	10.7	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 10000	11.7	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	12.4	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 8000	12.4	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 7000	12.6	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 6000	12.6	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 5000	12.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	12.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	13.1	98.3	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
≥ 3500	13.2	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	13.6	98.8	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0	
NO CEILING	21.4	47.1	48.3	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0
≥ 20000	21.8	47.7	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
18000	21.8	47.8	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7
16000	21.8	47.8	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7
14000	21.8	47.8	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
12000	22.1	48.8	50.0	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
10000	22.8	49.6	50.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
9000	23.4	50.3	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
8000	23.6	50.4	51.7	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
7000	23.6	50.4	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
6000	23.7	50.4	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
5000	23.7	96.3	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
4500	23.7	96.3	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
4000	24.1	97.0	98.3	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
3500	24.3	97.2	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
3000	24.5	97.4	98.8	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
2500	24.6	97.6	99.1	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
2000	24.6	97.6	99.1	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
1800	24.6	97.6	99.1	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
1500	24.6	97.6	99.1	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
1200	24.6	97.7	99.1	99.5	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
1000	24.6	97.7	99.1	99.5	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
900	24.6	97.7	99.1	99.5	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
800	24.6	97.7	99.1	99.5	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
700	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6397

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO. CEILING	8.3	36.3	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 20000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 18000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 16000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 14000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 12000	8.5	38.6	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7
≥ 10000	9.0	39.1	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
≥ 9900	10.6	40.7	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7
≥ 8000	11.1	41.2	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 7000	11.1	41.2	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 6000	11.1	41.2	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 5000	11.1	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4500	11.1	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4000	11.8	96.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 3500	12.4	97.2	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	98.2
≥ 3000	13.4	98.2	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	99.5
≥ 2500	13.6	98.4	99.2	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
≥ 2000	13.7	98.6	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	99.9
≥ 1800	13.7	98.6	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	99.9
≥ 1500	13.7	98.6	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	99.9
≥ 1200	13.7	98.6	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	99.9
≥ 1000	13.7	98.6	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	99.9
≥ 900	13.7	98.6	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	99.9
≥ 800	13.7	98.6	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	99.9
≥ 700	13.7	98.6	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	99.9
≥ 600	13.7	98.6	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	99.9
≥ 500	13.7	98.6	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	99.9
≥ 400	13.7	98.6	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	99.9
≥ 300	13.7	98.6	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	99.9
≥ 200	13.7	98.6	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	99.9
≥ 00	13.7	98.6	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	99.9

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16716 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	7.6	35.1	35.4	35.4	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 18000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 16000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 12000	7.7	38.6	38.8	38.8	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 10000	8.4	39.2	39.5	39.5	39.6	39.6	39.6	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 9000	10.6	41.4	41.7	41.7	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 8000	11.4	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 7000	11.4	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 6000	11.4	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000	11.4	97.4	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	11.4	97.4	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	12.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	12.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	12.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 775

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 20	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ .005
NO CEILING	17.7	41.6	45.4	47.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	18.1	42.7	46.7	49.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
18000	18.1	42.7	46.7	49.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
16000	18.1	42.7	46.7	49.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
14000	18.1	42.7	46.7	49.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
12000	18.7	45.4	49.5	51.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
10000	19.9	46.9	50.9	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
9000	22.6	49.0	53.0	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
8000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
7000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
6000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
5000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
4500	22.6	89.9	94.0	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
4000	23.2	90.7	94.8	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3500	23.6	91.1	95.2	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3000	23.7	91.5	95.7	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2500	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	24.0	91.8	95.9	98.6	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 769

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16
STATION

HELLENIKON AB JR
STATION NAME

73-81
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

3900-1100
TIME PERIOD

CEILING FEET	20	26	31	34	39	47	57	67	77	87	97	107	117	127	137	147
≥ 10000	26.8	51.9	56.5	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 18000	28.1	54.1	58.9	59.7	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 16000	28.1	54.1	58.9	59.7	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 14000	28.1	54.1	58.9	59.7	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 12000	28.8	56.5	61.3	62.1	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 10000	30.2	58.1	63.0	63.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 9000	31.0	59.2	64.0	64.9	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 8000	31.3	59.4	64.2	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 7000	31.3	59.4	64.2	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 6000	31.3	59.4	64.2	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 5000	31.3	91.2	96.1	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 4500	31.6	91.5	96.3	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 4000	32.2	92.2	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 3500	32.2	92.2	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 3000	32.4	92.5	97.3	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 2500	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 2000	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1800	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1500	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1200	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	WIND STATEMENTS															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	47.8	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	48.3	69.2	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	48.3	69.2	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	48.3	69.2	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	49.1	72.2	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	50.2	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9500	50.8	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8500	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7500	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6500	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5500	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	53.5	96.6	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	54.2	97.3	98.1	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	54.5	97.9	98.6	98.6	98.6	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	54.5	98.6	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	43.6	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	45.9	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	46.1	66.5	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
≥ 16000	46.1	66.5	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
≥ 14000	46.1	66.5	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
≥ 12000	47.8	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	49.2	71.1	71.7	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
≥ 9000	50.8	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	51.8	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	51.6	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	51.6	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	51.6	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	51.8	95.7	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
≥ 4000	54.3	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	54.3	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	54.6	98.7	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
≥ 2500	54.6	99.0	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
≥ 2000	54.6	99.0	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
≥ 1800	54.6	99.0	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
≥ 1500	54.6	99.0	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
≥ 1200	54.6	99.0	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
≥ 1000	54.6	99.0	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
≥ 900	54.6	99.0	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
≥ 800	54.6	99.0	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
≥ 700	54.6	99.0	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
≥ 600	54.6	99.0	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
≥ 500	54.6	99.0	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
≥ 400	54.6	99.0	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
≥ 300	54.6	99.0	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
≥ 200	54.6	99.0	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
≥ 100	54.6	99.0	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
≥ 0	54.6	99.0	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

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	22.3	43.8	44.8	45.3	45.3	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 2000	24.4	47.1	48.1	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1800	24.4	47.1	48.1	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1600	24.6	47.2	48.2	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 1400	24.6	47.2	48.2	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 1200	24.9	49.6	50.6	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 1000	25.7	50.4	51.4	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 900	26.6	51.3	52.3	52.9	52.9	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 800	27.5	52.2	53.2	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 700	27.5	52.2	53.2	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 600	27.5	52.2	53.2	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 500	27.5	93.8	94.8	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 450	27.6	94.2	95.2	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	29.2	95.6	96.6	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 350	29.7	96.2	97.2	97.7	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	30.3	96.7	98.0	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 250	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 180	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 150	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 120	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 90	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 80	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 70	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 60	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	30.4	97.3	98.7	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	30.4	97.3	98.7	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	30.4	97.3	98.7	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	30.4	97.3	98.7	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	11.3	35.9	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	11.4	36.7	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	11.5	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 16000	11.5	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	11.5	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	11.6	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000	13.3	40.2	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000	14.8	41.7	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 8000	16.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 7000	16.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 6000	16.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 5000	16.0	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	16.2	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	16.9	97.4	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
≥ 3500	17.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	17.0	97.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	20	26	21	24	31	37	43	49	55	61	67	73	79	85	91	97	103
NO. OBS.	22.9	46.6	48.2	48.6	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	24.1	48.6	50.2	50.7	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1800	24.2	48.7	50.3	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 1600	24.2	48.7	50.3	50.8	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1400	24.2	48.7	50.3	50.8	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1200	24.7	51.2	52.8	53.3	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1000	25.8	52.4	54.0	54.6	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 900	27.3	53.9	55.5	56.0	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 800	27.9	54.6	56.2	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 700	27.9	54.6	56.2	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 600	27.9	54.6	56.2	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 500	27.9	94.1	95.7	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 450	28.1	94.3	95.9	96.4	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
≥ 400	29.2	95.7	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 350	29.5	96.1	97.7	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	29.9	96.6	98.3	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 250	30.0	97.0	98.7	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	30.1	97.0	98.7	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
≥ 1800	30.1	97.0	98.7	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	99.9
≥ 1500	30.1	97.0	98.7	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	99.9
≥ 1200	30.1	97.0	98.8	99.4	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
≥ 1000	30.1	97.0	98.8	99.4	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
≥ 900	30.1	97.0	98.8	99.4	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
≥ 800	30.1	97.0	98.8	99.4	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
≥ 700	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	30.1	97.1	98.8	99.4	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	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6247

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	12.0	32.0	33.4	33.6	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	13.9	35.1	36.5	36.8	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 18000	13.6	35.2	36.7	37.1	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 16000	13.6	35.2	36.7	37.1	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 14000	13.6	35.2	36.7	37.1	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 12000	14.1	39.1	40.6	40.9	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 10000	17.2	42.2	43.7	44.0	44.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 9000	20.6	45.5	47.0	47.4	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	21.3	46.3	47.8	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000	21.3	46.3	47.8	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 6000	21.3	46.3	47.8	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 5000	21.3	85.7	87.2	87.6	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	21.5	85.9	87.3	87.7	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	22.3	88.5	90.0	90.3	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	23.6	89.8	91.3	91.8	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	25.6	91.9	93.8	94.3	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	26.7	93.8	96.0	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	27.3	94.5	96.8	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	27.3	94.5	96.8	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	27.3	94.8	97.0	97.6	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	27.3	95.7	98.0	98.6	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	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	27.3	95.7	98.0	98.6	99.5	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 804

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	10
NO. CEILING 20000	13.2	32.0	33.7	34.9	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6
M 18000	15.8	35.8	37.7	38.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
M 16000	15.8	36.2	38.1	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
M 14000	15.8	36.2	38.1	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
M 12000	16.2	40.8	42.6	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
M 10000	19.2	43.8	45.6	46.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
M 8000	21.6	46.4	48.2	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
M 7000	22.2	47.0	48.8	50.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9
M 6000	22.2	47.0	48.8	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1
M 5000	22.4	43.4	45.3	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5
M 4500	22.5	43.6	45.4	46.7	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
M 4000	23.9	46.5	48.4	49.6	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6
M 3500	25.1	47.9	49.7	51.0	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0
M 3000	27.4	49.7	52.8	54.1	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
M 2500	28.2	49.5	55.1	56.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
M 2000	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 1800	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 1500	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 1200	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 1000	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 900	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 800	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 700	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 600	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 500	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 400	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 300	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 200	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 100	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
M 0	28.6	49.8	55.6	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

1616 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

NO. CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	18.5	32.0	33.8	36.0	37.6	38.0	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 29000	20.8	36.0	38.3	40.5	42.2	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 18000	21.2	36.4	38.6	40.8	42.6	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	21.2	36.4	38.6	40.8	42.6	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 14000	21.2	36.4	38.6	40.8	42.6	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	21.8	41.3	43.7	45.9	47.6	48.0	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	24.5	44.4	46.7	49.0	50.7	51.0	51.0	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 9000	27.4	48.1	50.7	52.9	54.6	55.7	55.0	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000	28.7	49.3	52.0	54.2	56.0	56.7	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
≥ 7000	28.8	49.4	52.2	54.4	56.2	56.6	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 6000	28.8	49.4	52.2	54.4	56.2	56.6	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 5000	28.8	77.6	81.3	82.5	84.4	84.7	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 4500	29.2	78.0	80.7	82.9	84.7	85.1	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 4000	31.9	83.0	85.7	87.9	90.0	90.4	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 3500	33.5	84.6	87.3	89.5	91.6	92.0	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 3000	35.9	87.2	90.3	92.6	95.0	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 2500	36.4	88.1	91.6	94.1	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.7
≥ 2000	36.9	88.6	92.1	94.6	97.3	97.7	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 1800	36.9	88.6	92.1	94.6	97.3	97.7	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 1500	36.9	88.6	92.1	94.6	97.3	97.7	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1200	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1000	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 900	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 800	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 700	37.1	89.4	93.1	95.8	98.5	98.9	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	37.1	89.4	93.1	95.8	98.5	98.9	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 500	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	37.1	89.4	93.1	95.8	98.8	99.1	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

7
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
A1: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	26	21	24	22	20	22	20	21	20	24	21	20	25	24	21
NO CEILING	22.3	37.4	47.2	41.9	42.9	43.0	43.0	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	24.9	41.3	44.8	46.5	47.6	47.7	47.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	25.9	42.5	46.4	48.1	49.2	49.4	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	25.9	42.5	46.4	48.1	49.2	49.4	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 14000	26.7	42.7	46.5	48.2	49.3	49.6	49.6	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	27.9	48.0	52.4	54.1	55.4	55.6	55.6	56.1	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	29.6	49.8	54.4	56.1	57.5	57.7	57.7	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	32.3	52.9	58.2	60.0	61.7	61.9	61.9	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	33.3	53.9	59.4	61.3	63.0	63.3	63.3	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	33.3	53.9	59.4	61.3	63.0	63.3	63.3	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	33.3	53.9	59.4	61.3	63.0	63.3	63.3	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	33.5	74.5	80.0	81.9	83.6	83.8	83.8	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	34.0	75.0	80.6	82.5	84.2	84.5	84.5	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	37.0	80.3	86.2	88.0	90.1	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	39.3	82.7	88.7	90.8	92.8	93.1	93.1	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	41.8	85.6	91.5	93.7	95.9	96.2	96.2	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	42.4	86.8	92.8	95.1	97.3	97.5	97.5	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	42.7	87.2	93.2	95.4	97.7	97.9	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	42.8	87.3	93.3	95.6	97.8	98.0	98.0	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	42.9	87.7	93.7	95.9	98.2	98.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	42.9	87.9	94.0	96.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	42.9	87.9	94.0	96.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	42.9	87.9	94.0	96.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	43.2	88.2	94.2	96.7	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	43.2	88.2	94.2	96.7	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 411

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16:16 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	32.5	43.9	45.0	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	37.5	50.6	51.9	52.6	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	38.8	52.4	53.6	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	38.8	52.4	53.6	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	39.7	52.5	53.7	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	41.9	57.8	59.3	60.0	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	43.2	59.6	61.4	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	46.8	63.2	65.1	65.9	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	48.0	64.5	66.7	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	48.0	64.5	66.7	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	48.7	64.5	66.7	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	48.9	81.5	83.7	84.6	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	49.1	82.1	84.4	85.2	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	52.6	87.3	89.7	90.7	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	55.7	90.0	92.3	93.4	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	56.8	92.1	94.5	95.7	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	57.4	93.5	96.0	97.1	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	57.6	93.7	96.2	97.4	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	57.6	93.7	96.2	97.4	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	57.6	93.7	96.2	97.4	98.3	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

NO. OF FEET	VISIBILITY STATISTICS															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OF FEET	30.6	42.4	43.3	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 2000	36.3	49.9	51.1	51.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 1800	36.8	50.4	51.6	52.2	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 1600	36.9	50.6	51.7	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1400	36.9	50.6	51.7	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1200	39.5	56.8	58.1	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1000	42.5	60.2	61.5	62.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 900	44.3	62.1	63.5	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 800	44.8	62.7	64.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 700	44.8	62.7	64.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 600	44.8	62.7	64.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 500	45.5	61.1	62.4	63.3	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 450	46.3	61.8	63.2	64.1	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 400	51.1	68.1	70.0	71.0	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 350	54.3	71.7	73.4	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 300	55.3	72.7	74.5	75.5	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 250	56.1	73.9	75.7	76.7	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 200	56.2	74.0	76.0	77.1	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
≥ 1800	56.2	74.0	76.0	77.1	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
≥ 1500	56.3	74.1	76.1	77.4	78.4	78.6	78.7	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1
≥ 1200	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2
≥ 1000	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2
≥ 900	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2
≥ 800	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2
≥ 700	56.3	74.3	76.6	78.0	79.0	79.2	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 600	56.3	74.3	76.6	78.0	79.0	79.2	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 500	56.3	74.3	76.6	78.0	79.0	79.2	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 400	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16 16 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5
7000	21.6	36.7	37.2	37.5	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
6800	26.6	43.4	43.9	44.4	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
6600	28.2	45.0	45.5	46.0	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
6400	28.2	45.0	45.5	46.0	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
6200	29.9	50.4	50.9	51.4	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
6000	32.6	53.2	53.6	54.3	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
5800	35.4	56.1	56.7	57.4	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
5600	36.0	56.9	57.5	58.1	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
5400	36.2	57.1	57.7	58.3	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
5200	36.3	83.9	84.5	85.2	86.0	86.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
5000	36.7	84.3	84.9	85.5	86.4	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
4800	40.2	89.6	90.4	91.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
4600	42.6	92.3	93.1	93.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
4400	43.9	93.8	94.6	95.4	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
4200	44.5	95.1	95.9	97.0	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
4000	44.7	95.3	96.2	97.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
3800	44.7	95.3	96.2	97.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
3600	44.9	95.4	96.3	97.7	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
3400	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
3200	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
3000	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
2800	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
2600	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
2400	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
2200	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
2000	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
1800	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
1600	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
1400	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
1200	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
1000	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
800	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
600	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
400	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
200	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATISTICS															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	15.4	34.1	34.3	34.4	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	18.5	38.2	38.5	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	18.6	38.4	38.6	38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16500	18.6	38.4	38.6	38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 14000	18.6	38.4	38.6	38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000	19.2	43.4	43.6	43.8	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 10000	21.9	46.3	46.6	46.7	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 9000	24.8	49.3	49.5	49.6	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	26.5	51.1	51.5	51.6	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	26.5	51.1	51.6	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 6000	26.5	51.1	51.6	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 5000	26.6	87.7	88.2	88.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	27.0	88.1	88.6	88.7	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	27.9	90.6	91.1	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	29.9	92.6	93.1	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	31.5	94.2	95.0	95.3	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	32.4	95.5	96.4	96.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	32.5	95.8	96.8	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	32.5	95.8	96.8	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	32.7	96.1	97.1	97.5	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATISTICS															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING	20.3	36.3	37.6	38.5	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 2000	24.2	41.3	42.8	43.7	44.5	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 1800	24.8	42.0	43.6	44.5	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 1600	24.8	42.1	43.6	44.6	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
≥ 1400	24.9	42.1	43.7	44.6	45.3	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 1200	26.3	47.2	48.9	49.8	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1000	28.8	49.9	51.7	52.7	53.5	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 900	31.4	52.9	54.8	55.9	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 800	32.6	53.9	56.0	57.0	57.9	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 700	32.6	54.0	56.0	57.0	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 600	32.6	54.0	56.0	57.0	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 500	32.9	81.9	84.0	85.0	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 450	33.2	82.3	84.4	85.4	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 400	35.8	86.8	88.9	90.0	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 350	37.9	89.0	91.1	92.2	93.4	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 300	39.7	91.0	93.4	94.6	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 250	40.5	92.4	95.0	96.3	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	40.8	92.7	95.3	96.7	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 180	40.8	92.7	95.4	96.7	98.1	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 150	40.9	92.9	95.5	96.9	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 120	40.9	93.4	96.1	97.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	40.9	93.4	96.1	97.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 90	40.9	93.4	96.1	97.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 80	40.9	93.4	96.1	97.6	98.9	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 70	40.9	93.5	96.2	97.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 60	41.0	93.5	96.2	97.8	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	41.0	93.5	96.2	97.8	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 40	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6467

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .00
NO CEILING	16.9	33.7	35.3	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000	18.5	36.4	38.2	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	18.8	36.8	38.7	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 16000	18.8	36.8	38.7	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 14000	18.8	36.8	38.7	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 12000	20.0	42.4	44.5	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 10000	22.8	45.3	47.3	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	27.6	50.4	52.7	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000	29.1	52.1	54.4	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	29.2	52.2	54.5	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000	29.2	52.2	54.5	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000	29.2	80.1	82.4	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	29.7	80.6	82.9	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	32.7	86.3	88.6	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	33.7	87.4	90.1	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	35.8	90.1	92.9	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	37.4	92.7	95.5	96.2	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	37.9	93.3	96.3	96.9	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	37.9	93.3	96.3	96.9	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	38.1	93.5	96.5	97.2	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	38.3	94.7	98.1	98.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

7
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	15.7	32.7	34.4	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	
≥ 2000	17.3	36.2	38.3	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
≥ 1800	17.5	36.4	38.4	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
≥ 1600	17.5	36.4	38.4	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
≥ 1400	17.5	36.4	38.4	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
≥ 1200	19.0	42.3	44.5	45.1	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
≥ 1000	22.0	45.5	47.7	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
≥ 800	26.1	49.8	52.0	52.7	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
≥ 700	28.3	52.0	54.5	55.1	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
≥ 600	28.5	52.1	54.6	55.2	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
≥ 500	28.5	52.1	54.6	55.2	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
≥ 450	29.7	78.8	81.2	81.9	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
≥ 400	32.3	84.7	87.5	88.5	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
≥ 350	33.8	86.3	89.1	90.2	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
≥ 300	36.0	89.1	92.5	93.8	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
≥ 250	37.4	91.2	94.7	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
≥ 200	37.5	91.3	95.2	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
≥ 1800	37.6	91.5	95.3	96.9	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
≥ 1500	37.6	91.6	95.5	97.0	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 1200	37.8	92.5	96.4	98.1	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 1000	37.8	92.5	96.4	98.1	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 900	37.8	92.5	96.4	98.1	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 800	37.9	92.6	96.6	98.3	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 700	38.7	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 600	38.7	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 500	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 400	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 300	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 200	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 100	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 0	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

3600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.2	29.0	31.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 20000	20.1	33.3	36.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	20.1	33.5	37.1	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 16000	20.1	33.5	37.1	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	20.1	33.5	37.1	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	21.8	39.8	43.5	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
≥ 10000	25.4	43.5	47.4	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.3
≥ 9200	31.1	49.5	53.4	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 8000	33.5	51.9	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
≥ 7000	33.5	51.9	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
≥ 6000	33.5	51.9	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
≥ 5000	33.6	74.9	78.9	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 4500	34.1	75.4	79.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 4000	38.7	83.1	87.6	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 3500	41.2	85.8	90.2	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4
≥ 3000	43.4	88.7	93.6	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	95.0	95.1
≥ 2500	44.8	91.0	96.0	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.6	97.7
≥ 2000	45.2	91.6	96.7	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.5
≥ 1800	45.2	91.6	96.7	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.5
≥ 1500	45.2	91.6	96.7	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.6	98.7
≥ 1200	45.4	92.1	97.3	98.2	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
≥ 1000	45.4	92.1	97.3	98.2	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
≥ 900	45.4	92.1	97.3	98.2	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
≥ 800	45.4	92.1	97.4	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.6
≥ 700	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 600	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 500	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 400	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 300	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 200	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 100	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 0	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	24	24	22	22	20	20	18	18	16	16	14	14	12	12
NO. CEILING	27.2	39.1	40.7	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	
M 2000	33.8	48.2	50.3	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
M 1800	34.6	48.9	51.1	51.7	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
M 1600	34.6	48.9	51.1	51.7	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
M 1400	34.7	49.0	51.2	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
M 1200	36.6	55.4	57.9	58.7	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
M 1000	40.2	59.2	62.1	62.9	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
M 900	41.8	60.9	63.8	64.5	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
M 800	43.5	62.8	65.8	66.7	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
M 700	44.1	63.4	66.5	67.3	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
M 600	44.1	63.4	66.5	67.3	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
M 500	44.5	76.4	79.4	80.3	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
M 450	45.4	77.4	80.4	81.3	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
M 400	50.3	84.6	88.1	89.2	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
M 350	51.3	85.6	89.1	90.3	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
M 300	54.7	88.3	91.9	93.1	94.4	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
M 250	54.8	89.2	92.8	94.2	95.8	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
M 200	56.2	90.6	94.4	95.9	97.6	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
M 1800	56.3	90.7	94.5	96.1	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
M 1500	56.3	90.7	94.5	96.1	97.7	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
M 1200	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
M 1000	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
M 900	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
M 800	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
M 700	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
M 600	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
M 500	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
M 400	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
M 300	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
M 200	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
M 00	56.3	91.4	95.2	96.8	98.7	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
M 0	56.3	91.4	95.2	96.8	98.7	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	≥10	26	35	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
≥ 25000	37.2	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
≥ 18000	46.7	55.4	55.4	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	46.7	55.4	55.4	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	49.2	62.6	62.8	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	52.8	66.3	66.6	66.7	67.0	67.0	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	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	56.5	70.1	70.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	56.5	70.1	70.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	56.6	79.4	87.1	80.3	80.7	80.7	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	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	57.7	79.8	80.6	80.8	81.2	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	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	62.6	88.2	89.1	89.4	89.8	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	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	64.6	90.4	91.2	91.6	92.2	92.2	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	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	66.6	92.4	93.3	93.7	94.4	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	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	67.7	94.3	95.6	96.0	96.8	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	68.8	95.3	96.6	97.0	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	69.0	95.6	96.9	97.3	98.2	98.4	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	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	69.0	95.6	96.9	97.3	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	69.0	95.9	97.2	97.5	98.6	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	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	69.0	95.9	97.2	97.5	98.7	99.0	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	69.0	95.9	97.2	97.5	98.7	99.0	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	69.0	95.9	97.2	97.5	98.7	99.0	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	69.0	95.9	97.2	97.7	98.8	99.1	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	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	69.0	95.9	97.2	97.7	98.8	99.1	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	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	69.0	95.9	97.2	97.7	98.8	99.1	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	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	69.0	95.9	97.2	97.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	69.0	95.9	97.2	97.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	69.0	95.9	97.2	97.9	99.2	99.5	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.0	95.9	97.2	97.9	99.2	99.5	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	69.0	95.9	97.2	97.9	99.2	99.5	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.0	95.9	97.2	97.9	99.2	99.5	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 772

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16:15 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/4	4	4 1/4	5	5 1/4	6	7	8
M 7000	36.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
M 6000	45.3	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	54.8	54.8
M 5000	45.8	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	55.3	55.3
M 4000	45.9	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	55.3	55.3
M 3000	46.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
M 2000	49.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
M 1500	52.1	65.7	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
M 1000	54.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
M 800	56.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
M 700	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
M 600	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
M 500	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
M 450	56.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
M 400	56.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
M 350	62.3	88.7	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
M 300	66.1	92.2	92.4	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
M 250	68.0	94.4	95.0	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
M 200	69.6	96.7	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
M 1800	70.0	97.0	97.9	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
M 1500	70.1	97.2	98.1	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
M 1200	70.1	97.2	98.1	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
M 1000	70.1	97.7	98.7	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
M 900	70.1	97.7	98.7	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
M 800	70.2	97.8	98.8	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
M 700	70.2	98.1	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
M 600	70.2	98.1	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
M 500	70.2	98.1	99.1	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
M 400	70.2	98.1	99.1	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
M 300	70.2	98.1	99.1	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
M 200	70.2	98.1	99.1	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
M 100	70.2	98.1	99.1	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
M 0	70.2	98.1	99.1	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

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	USA STATE MET															
	21	26	31	34	36	37	38	39	40	41	42	43	44	45	46	47
NO CEILING	29.7	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 2000	36.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1800	37.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1600	37.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1400	37.4	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 1200	39.4	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1000	42.0	59.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 900	44.2	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 800	44.8	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 700	44.4	62.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	44.4	62.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 500	44.4	81.2	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
≥ 450	45.4	81.7	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
≥ 400	49.1	87.9	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
≥ 350	51.8	90.8	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
≥ 300	54.0	93.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 250	55.2	94.9	96.3	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	55.8	95.4	97.0	97.1	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 180	55.8	95.4	97.0	97.1	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 150	55.8	95.4	97.0	97.1	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 120	55.8	96.6	98.2	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	55.8	96.6	98.2	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 90	55.8	96.6	98.2	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 80	55.8	96.6	98.2	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.8	96.8	98.5	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

7
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16
STATION

HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	20	20	20	20	20	20	20	20	20	20	20	20
NO. CEILING	21.6	37.2	37.7	37.7	37.8	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	23.5	40.7	41.3	41.3	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000	24.4	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	24.4	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	24.5	41.7	42.4	42.4	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	26.3	47.9	48.7	48.7	48.8	48.8	48.8	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 10000	30.5	52.3	53.1	53.1	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	34.3	56.5	57.3	57.3	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000	34.9	57.3	58.2	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 7000	34.9	57.3	58.2	58.2	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	34.9	57.3	58.2	58.2	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	35.1	83.9	84.8	84.8	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	35.7	84.5	85.3	85.3	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	38.1	88.7	89.6	89.6	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	39.9	90.9	91.8	91.8	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	42.4	93.7	95.1	95.1	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	43.6	95.6	97.0	97.3	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	43.7	95.8	97.3	97.9	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	43.7	95.8	97.3	97.9	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	43.7	95.8	97.3	98.0	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	43.7	96.5	98.2	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	43.7	96.5	98.2	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	43.7	96.5	98.2	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 791

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16716

HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	25.2	37.9	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 21000	30.0	44.3	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2
≥ 18000	30.5	44.8	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8
≥ 15000	30.5	44.8	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8
≥ 14000	30.6	45.0	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	32.7	51.2	52.8	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
≥ 11000	36.1	54.7	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	39.3	58.2	59.8	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	40.8	59.7	61.5	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	40.9	59.9	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000	40.9	59.9	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	41.1	79.2	81.1	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	41.6	79.8	81.6	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	45.8	86.5	88.5	89.1	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	47.8	88.7	90.7	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 3000	50.0	91.2	93.6	94.2	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	51.3	93.2	95.7	96.4	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 2000	51.9	93.8	96.4	97.2	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1800	52.0	93.9	96.6	97.3	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1500	52.0	93.9	96.6	97.3	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1200	52.0	94.6	97.3	98.1	98.8	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	52.0	94.6	97.3	98.1	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 900	52.0	94.6	97.3	98.1	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 800	52.1	94.6	97.3	98.1	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	52.1	94.9	97.6	98.5	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	52.1	94.9	97.6	98.5	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	52.1	94.9	97.6	98.5	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	52.1	94.9	97.6	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	52.1	94.9	97.6	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	52.1	94.9	97.6	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	52.1	94.9	97.7	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	52.1	94.9	97.7	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6250

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	17.9	32.8	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
29000	20.1	35.9	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
18000	20.2	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
16000	20.2	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
14000	20.2	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
12000	21.3	42.4	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
10000	26.1	47.5	48.6	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
9000	30.3	52.1	53.2	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
8000	31.3	53.1	54.4	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
7000	31.3	53.1	54.6	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
6000	31.3	53.1	54.6	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
5000	31.4	74.5	76.0	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
4500	31.4	74.5	76.0	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
4000	35.0	82.8	84.5	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
3500	38.9	87.1	89.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
3000	43.1	91.5	93.8	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
2500	43.8	93.2	95.5	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2000	44.3	93.9	96.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	44.3	93.9	96.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	44.6	94.3	96.6	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1200	44.6	94.6	97.1	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	44.7	94.8	97.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	44.7	94.8	97.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	44.7	94.8	97.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	44.7	94.9	97.3	98.8	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	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	44.7	94.9	97.3	98.8	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 821

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	29	24	23	22	21	20	19	18	17	16	15	14	13	12
NONE	17.2	32.1	33.0	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
M 2000	20.2	36.6	38.0	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
M 1800	20.3	36.8	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
M 1600	20.3	36.8	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
M 1400	20.3	36.8	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
M 1200	21.0	44.0	45.3	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
M 1000	26.7	50.2	51.7	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
M 900	30.5	54.5	56.0	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
M 800	32.5	56.6	58.1	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
M 700	32.9	57.1	58.6	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
M 600	32.9	57.1	58.6	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
M 500	32.9	76.1	77.5	77.9	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
M 450	33.1	76.2	77.7	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
M 400	35.7	82.6	84.2	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
M 350	39.5	86.6	88.2	88.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
M 300	42.8	90.6	92.8	93.9	95.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
M 250	43.7	92.2	94.7	95.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
M 200	43.8	92.3	94.8	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
M 180	43.8	92.3	94.8	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
M 150	43.8	92.3	94.8	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
M 120	43.8	92.6	95.4	96.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
M 100	43.9	92.7	95.5	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
M 900	43.9	92.7	95.5	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
M 800	43.9	92.7	95.5	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
M 700	43.9	92.9	96.2	97.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
M 600	43.9	92.9	96.2	97.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
M 500	43.9	92.9	96.2	97.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
M 400	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
M 300	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
M 200	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
M 100	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
M 0	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATISTICS															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.6	30.3	32.1	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 20000	23.6	35.0	36.8	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000	24.0	35.6	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 16000	24.0	35.6	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	24.1	35.7	37.6	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 12000	25.1	41.1	43.1	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	30.5	46.7	48.7	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 9000	35.6	52.1	54.1	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 8000	36.6	53.2	55.2	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	36.6	53.2	55.2	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	36.6	53.2	55.2	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 5000	36.6	72.9	74.9	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	36.8	73.2	75.2	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	40.1	82.0	84.1	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	43.4	85.6	87.8	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	46.9	90.3	92.8	93.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	47.8	91.6	94.4	95.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	47.9	92.1	95.0	96.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	47.9	92.1	95.0	96.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	48.1	92.3	95.1	96.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1000	24.8	34.4	36.1	37.9	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
900	30.8	41.9	43.8	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
800	32.1	43.2	45.3	47.3	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
700	32.1	43.2	45.3	47.3	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
600	32.2	43.3	45.4	47.5	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
500	34.3	49.9	52.4	55.1	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
400	36.7	52.7	55.4	58.1	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
300	40.1	56.1	58.9	61.7	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
200	41.7	57.7	60.5	63.6	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
100	42.1	58.2	61.0	64.1	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
8000	42.3	58.4	61.3	64.4	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
6000	42.3	58.4	61.3	64.4	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
5000	42.5	67.2	70.0	73.2	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
4500	43.1	67.7	70.7	73.9	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
4000	46.6	75.1	78.1	81.5	82.4	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
3500	51.7	80.3	83.8	87.1	88.0	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
3000	54.7	84.2	88.2	91.4	92.4	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2500	56.6	87.2	91.4	94.6	95.9	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
2000	56.8	87.5	91.9	95.4	97.3	97.7	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1800	56.8	87.5	91.9	95.4	97.3	97.7	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1500	56.8	87.5	91.9	95.4	97.3	97.7	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1200	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

16 16 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STAT. IN MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	31.5	37.1	37.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3
≥ 20000	39.5	46.9	47.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
IV 18000	47.2	47.7	48.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
IV 16000	40.2	47.7	48.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
IV 14000	40.2	47.7	48.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
IV 12000	42.9	53.9	54.7	55.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6
IV 10000	45.6	57.1	58.4	59.7	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
IV 9000	48.7	60.5	62.0	63.3	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
IV 8000	50.2	62.4	64.2	65.4	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7
IV 7000	50.6	62.8	64.5	65.8	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
IV 6000	50.9	62.8	64.5	65.8	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
IV 5000	50.9	68.3	70.0	71.3	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7
IV 4500	51.6	68.9	70.7	72.0	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
IV 4000	58.3	79.7	81.4	82.9	83.9	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5
IV 3500	63.3	85.1	86.9	88.5	89.6	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.4	90.4	90.4	90.4
IV 3000	67.2	89.3	91.1	93.0	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3
IV 2500	68.4	91.4	93.3	95.1	96.9	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.9	97.9	97.9	97.9
IV 2000	68.8	91.8	94.0	95.9	97.8	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.8	98.8	98.8	98.8
IV 1800	68.8	91.8	94.0	95.9	97.8	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.8	98.8	98.8	98.8
IV 1500	68.8	91.8	94.0	95.9	97.8	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8
IV 1200	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
IV 1000	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
IV 900	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
IV 800	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
IV 700	68.8	92.1	94.5	96.4	98.4	98.9	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8
IV 600	68.8	92.1	94.5	96.4	98.4	98.9	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8
IV 500	68.8	92.1	94.5	96.4	98.4	98.9	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8
IV 400	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
IV 300	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
IV 200	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
IV 100	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
IV 0	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6716 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	≥10	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
NO. CEILING	30.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 2000	37.2	42.9	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 1800	38.7	43.6	43.9	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 1600	38.7	43.6	43.9	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 1400	38.1	43.8	44.7	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1200	41.8	51.3	51.7	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 1000	45.8	55.6	56.2	56.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 900	48.4	58.2	58.9	59.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 800	50.7	60.9	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 700	50.7	60.9	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 600	50.7	60.9	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 500	50.7	67.7	68.4	68.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 450	51.2	68.2	68.9	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 400	58.9	80.1	80.9	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 350	65.8	87.0	87.9	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 300	69.6	91.4	92.5	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 250	70.3	93.0	94.3	95.1	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	70.9	93.7	95.5	96.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	70.9	93.7	95.5	96.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1600	70.9	93.7	95.5	96.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1400	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7
≥ 1200	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7
≥ 1000	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7
≥ 900	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7
≥ 800	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7
≥ 700	70.9	94.1	96.0	97.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 600	70.9	94.1	96.0	97.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 500	70.9	94.1	96.0	97.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 400	70.9	94.1	96.0	97.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 300	70.9	94.1	96.0	97.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 200	70.9	94.1	96.0	97.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	94.1	96.0	97.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	94.1	96.0	97.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLONIKON AB GR
STATION STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 17-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	27.6	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 20000	32.6	43.2	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 18000	33.0	43.5	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 16000	33.1	43.7	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 14000	33.1	43.7	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 12000	35.3	52.4	52.6	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
IV 10000	41.0	58.3	58.5	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 9000	43.8	61.4	61.6	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5
IV 8000	45.1	62.9	63.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1
IV 7000	45.1	62.9	63.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1
IV 6000	45.1	62.9	63.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1
IV 5000	45.1	75.1	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
IV 4500	45.9	75.6	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
IV 4000	49.0	83.1	83.8	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6
IV 3500	54.0	88.4	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
IV 3000	58.1	92.9	93.8	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8
IV 2500	58.4	94.2	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
IV 2000	59.0	94.8	96.2	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IV 1800	59.0	94.8	96.2	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IV 1500	59.0	94.8	96.2	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IV 1200	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 1000	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 900	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 800	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 700	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 600	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 500	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 200	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 100	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 0	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/8	≥1/10	≥1/16	≥1/20	≥0
NO CEILING	23.3	32.5	33.3	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
≥ 20000	23.7	36.7	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 18000	23.7	36.0	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 16000	23.7	36.0	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 14000	23.7	36.0	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 12000	24.9	43.1	44.1	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.3
≥ 10000	28.1	46.5	47.4	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
≥ 9500	31.3	50.1	51.5	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9
≥ 8000	33.5	52.4	53.7	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 7000	33.8	52.6	54.0	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 6000	33.8	52.6	54.7	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 5000	33.9	72.7	74.1	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 4500	33.9	72.7	74.1	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 4000	37.2	80.7	82.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 3500	42.8	86.5	88.4	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 3000	46.6	90.9	93.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 2500	47.5	92.4	95.0	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2000	47.8	92.6	95.5	97.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1800	47.8	92.6	95.5	97.0	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 1500	47.8	92.6	95.5	97.0	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 1200	47.8	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	47.8	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	47.8	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	47.9	93.3	96.3	97.8	99.0	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	47.9	93.3	96.4	98.0	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLENIKON AB GR

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.7	33.9	34.7	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	28.4	39.8	40.8	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7
IV 18000	28.9	40.3	41.3	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4
IV 16000	28.9	40.3	41.4	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 14000	29.7	40.4	41.4	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5
IV 12000	37.8	47.3	48.4	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8
IV 10000	35.7	51.8	53.1	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
IV 9000	38.6	55.6	57.7	57.9	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6
IV 8000	40.2	57.3	58.8	59.7	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 7000	40.3	57.5	59.0	59.9	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8
IV 6000	40.4	57.6	59.1	60.0	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
IV 5000	40.5	71.8	73.4	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IV 4500	40.8	72.1	73.7	74.7	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
IV 4000	45.0	80.8	82.4	83.5	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
IV 3500	49.9	85.8	87.7	88.8	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
IV 3000	53.6	97.1	92.3	93.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9
IV 2500	54.5	91.9	94.2	95.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.7
IV 2000	54.9	92.4	94.9	96.6	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IV 1800	54.9	92.4	94.9	96.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 1500	54.9	92.4	94.9	96.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 1200	54.9	92.8	95.5	97.2	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 1000	55.0	92.8	95.6	97.3	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IV 900	55.0	92.8	95.6	97.3	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IV 800	55.0	92.8	95.6	97.3	98.9	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 700	55.0	93.0	95.8	97.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 600	55.0	93.0	95.8	97.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 500	55.0	93.0	95.8	97.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	55.0	93.0	95.8	97.6	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	55.0	93.0	95.8	97.6	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	55.0	93.0	95.8	97.6	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	55.0	93.0	95.8	97.6	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	55.0	93.0	95.8	97.6	97.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6450

2

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	20.6	38.2	39.7	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 18000	23.7	43.1	44.7	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	24.1	43.6	45.2	45.9	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	24.1	43.6	45.3	45.9	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
≥ 12000	24.2	43.6	45.3	46.0	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	25.4	48.6	50.4	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8
≥ 9000	27.9	51.4	53.4	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
≥ 8000	30.9	53.8	55.8	56.6	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	31.0	54.9	57.0	57.8	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	31.0	54.9	57.0	57.8	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 5000	31.1	83.4	85.4	86.3	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	31.3	83.7	85.7	86.6	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	33.8	88.6	90.9	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 3500	35.9	90.9	93.2	94.1	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	37.6	92.8	95.3	96.3	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2500	38.1	93.8	96.4	97.5	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	38.2	94.0	96.7	97.8	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1800	38.2	94.0	96.7	97.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 1500	38.2	94.1	96.8	97.9	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1200	38.2	94.4	97.2	98.3	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	38.2	94.4	97.2	98.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	38.2	94.4	97.2	98.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	38.3	94.4	97.2	98.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.3
≥ 700	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	38.3	94.5	97.3	98.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	38.3	94.5	97.3	98.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	38.3	94.5	97.3	98.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7405

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

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

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

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

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

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 1981 HELLENIKON AB GR 73-81 JAN MONTH
 STATION STATION NAME YEARS MONTH

PAGE 1 6000-0260
 HOURS 1. 3. 4.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 83					.2													2	2		
4 / 81				.1	.1													4	4		
4 / 59		.1	.1	1.1	.5													15	15		
4 / 57		1.5	1.7	1.1	.4													37	37	4	
5 / 55		1.5	1.0	1.9														35	35	24	2
4 / 53		1.6	3.8	2.0	.2		.2											64	65	36	20
2 / 51		2.9	4.7	1.9	.7	.2	.1											85	85	42	28
5 / 49	.1	2.9	5.2	2.9	.9	.4	.1											100	100	84	43
4 / 47		3.3	4.2	4.2	1.1	.1												115	105	69	46
4 / 45		4.5	6.0	3.8	.6	.1												121	121	96	50
4 / 43		1.6	4.2	2.7	.4													72	72	108	60
4 / 41		.4	3.5	3.2	.2													64	64	97	82
4 / 39		.1	3.0	1.1														34	34	79	53
4 / 37	.2	1.2	1.6	1.0														33	33	50	80
4 / 35		.2	1.4	1.2														23	23	62	69
3 / 33		.2																2	2	31	64
2 / 31		.2	.4															5	5	17	36
10 / 29	.2			.2														4	4	7	35
7 / 27				.1														1	1	3	55
4 / 25																					18
2 / 23																					3
2 / 21																					8
4 / 19																					6
4 / 17																					2
4 / 15																					1
4 / 13																					1
4 / 11																					1
4 / 9																					1
4 / 7																					1
TOTAL		22.34	9.28	7.6	1.9	.5												806	807	806	806

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4352735	58405	72.5	12.240	806	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Dry Bulb	1838455	38209	47.3	6.037	807		1.2					93
Wet Bulb	1551779	35011	43.4	6.203	806		3.5					93
Dew Point	1255759	31137	38.6	8.106	806	20.7						93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 150 HELLENIKON AB GR STATION NAME

73-61 YEARS

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
10			.2	.4	.1													5	6																
15			.4	1.2	.4													14	14																
17		.7	1.5	.9	.5													29	29	2															
18	.1	1.6	1.0	1.4														33	33	16	1														
19		1.9	2.6	2.7	.2													54	54	35	14														
20		2.5	3.2	1.7	.1													55	55	34	30														
21		2.5	4.7	2.1	.6	.4												77	77	74	23														
22	.1	3.7	4.4	3.6	.7													101	101	58	47														
23	.4	6.7	5.5	4.5	1.5	.5												147	147	105	73														
24		2.2	4.9	3.9	.4													91	91	105	58														
25		1.4	4.6	3.6	.2													79	79	71	108														
26		1.1	2.6	1.2														40	40	100	51														
27		1.2	2.4	.7														35	35	65	66														
28		.5	1.2	.6														19	19	64	67														
29		.4	.6	.2														10	10	37	64														
30		.4	.4															6	6	19	38														
31		.4																3	3	10	37														
1			.1	.4														4	4	4	66														
2																					1	28													
3																					2	13													
4																					1	2													
5																						9													
6																						3													
7																						1													
8																						1													
9																						1													
10																						1													
11																						1													
12																						1													
13																						1													
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25																						1													
26																						1													
27																						1													
28																						1													
29																						1													
30																						1													
31																						1													
TOTAL		.626	.539	.627	.5	4.9	.9											803	803	803	803														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4408682	58682	73.1	12.247	803	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1764349	37319	46.5	6.113	803			1.5				93
Wet Bulb	1498494	34324	42.7	6.257	803			4.3				93
Dew Point	1213782	30526	38.0	8.155	803			23.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 160 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS JAN MONTH

PAGE 1 0800-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 51			.4															3	3		
1 / 59			.4	1.5	.4													18	18		
1 / 57		.6	2.0	1.1	.2													32	32	3	
5 / 55		1.4	1.2	.6	.1													27	27	12	1
4 / 53		2.2	2.0	1.0	.2													44	44	40	13
2 / 51		2.2	4.8	2.3	.1													74	74	43	28
5 / 49	.1	1.2	4.9	1.5	.6													68	68	53	33
1 / 47		3.3	4.9	2.7	.5	.1												94	94	61	38
4 / 45	.4	6.3	5.8	3.3	1.0	.2												138	139	117	65
4 / 43	.4	2.0	4.7	2.7	.2													81	81	135	62
2 / 41	.1	2.3	5.9	3.9	.5	.1												105	105	91	108
40 / 39		1.4	2.5	2.2		.1												50	50	74	71
3 / 37		1.6	1.7	.2														29	29	83	64
1 / 35		.4	1.8	.1	.1													20	21	63	62
3 / 33		.9	1.1	.2														18	18	45	59
12 / 31		.2	.4															5	5	19	41
10 / 29	.1	.2	.2															5	5	17	43
2 / 27				.4														3	3	4	47
1 / 25																				1	35
2 / 23																				1	21
2 / 21																				2	10
1 / 19																					6
1 / 17																					1
1 / 9																					3
1 / 7																					1
1 / 5																					2
TOTAL	1.1	26.2	44.6	23.5	3.8	.9													816	816	814

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	8511406	59744	73.0	12.179	814							93
Wet Bulb	1768298	37644	46.1	6.236	816		1.5					93
Dew Point	1503470	39598	42.5	6.364	814		5.0					93
	1221025	30795	37.8	8.299	814		28.0					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR 73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1970-1100
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																			
6 / 65				.1																															1	1				
4 / 63				.5	.1	.1																													5	6				
2 / 61				.2	.6	.5	.1																												12	12				
/ 59			.4	1.5	2.5	.6	.4																												43	43	1			
/ 57			.6	2.2	1.5	1.1	.1																												45	45	9	1		
5 / 55			1.0	3.0	2.2	1.5	.1																												63	63	30	5		
4 / 53			1.9	3.7	3.2	1.5	.5	.1																											88	88	47	17		
2 / 51			1.4	4.2	3.6	1.6																													87	87	62	31		
5 / 49	.1	.7	5.4	3.5	2.7																														100	101	78	45		
/ 47	.1	2.1	3.4	3.5	2.1	.1	.4																												94	94	85	52		
4 / 45		1.2	4.5	2.5	3.0	.9																													97	97	116	68		
4 / 43		.2	2.1	2.2	1.5	.2																													51	51	92	59		
2 / 41		1.7	3.4	3.1	.6																														65	65	69	101		
40 / 39		.7	.6	1.6	.1																														25	25	64	67		
3 / 37		.1	.6	.4																															9	9	64	65		
/ 35		.2	.7	.2																															10	10	49	69		
3 / 33		.5	.1																																5	5	30	46		
2 / 31			.1																																1	2	7	29		
20 / 29			.1																																1	1	2	42		
2 / 27																																						1	44	
/ 25																																						1	25	
2 / 23																																							18	
2 / 21																																						6		
/ 19																																						11		
/ 17																																						3		
1 / 15																																						1		
TOTAL		.2	12.2	36.7	31.4	17.1	2.6	.5																													803	805	803	803

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

Element (X)	Z _R ¹	Z _R	X	° _s	No. Obs.	Max. No. of Hours with Temperature											
Rel. Hum.	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total										
Dry Bulb	3035427	54577	68.0	12.536	803							93					
Wet Bulb	1792326	39759	49.4	6.018	803					3		93					
Dew Point	1628526	35826	44.6	6.131	803					1.3		93					
	1268696	31220	38.9	8.269	803					20.7		93					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 150 HELLENIKON AB GR STATION STATION NAME

73-81 YEARS

YEARS

1944
 1981

PAGE 1 1250-1800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																		
6 / 67					.1																												1	1					
6 / 65				.3	.3																													4	4				
4 / 63				1.1	.4	.5																											16	16					
4 / 61			.3	.9	1.6	.1																											23	23					
4 / 59		.4	2.8	5.4	2.4	2.0	.5																										177	107		3			
5 / 57		.3	1.8	3.0	3.2	1.4	.1																										77	77		22			
5 / 55		.6	1.6	3.2	3.4	.6	.5																										79	79		44			
4 / 53		.9	2.5	3.4	4.2	.8		.3																									95	97		68			
2 / 51		.6	2.3	5.4	4.4	.6	.6	.3																									113	114		65			
5 / 49		.4	1.5	4.4	2.3	1.5	.4	.1																									84	84		94			
4 / 47		.3	.5	1.1	1.9	1.3																											40	40		172			
4 / 45		.8	1.7	2.0	2.5	1.1																											59	60		107			
4 / 43			1.1	2.1	.8	.3																											34	34		73			
2 / 41		.4	1.1	1.6	.5																												29	29		47			
4 / 39		.9	.5	.3	.1																												14	14		63			
3 / 37	.1	.6	.4	.1																													10	10		55			
4 / 35			.4	.1																													4	4		31			
3 / 33	.1	.4																															4	4		15			
2 / 31																																			3	3		38	
3 / 29																																				1	1		31
2 / 27																																						41	
2 / 25																																						18	
2 / 23																																						18	
2 / 21																																						13	
4 / 19																																						4	
4 / 17																																						6	
1 / 15																																						4	
TOTAL		.3	6.4	17.8	34.6	28.0	10.2	2.1	.6																										793	797		793	

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3223936	49862	62.4	13.240	793	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2201872	41608	52.2	6.108	797			1				93
Wet Bulb	1720221	36617	46.2	6.095	793			5				93
Dew Point	1275307	31073	39.2	8.538	793		20.3					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-16 STATION HELLENIKON AB GR 73-81 YEARS JAN MONTH
 PAGE 1 1500-1700 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
6 / 65					.1	.1																											2	2							
4 / 63				.6	1.1	.2																												16	16						
/ 61			.7	1.5	1.0	.1																												27	27						
/ 59		.6	2.1	4.3	2.1	.4	.1																											94	94	1					
/ 57		.7	2.7	2.2	2.7	1.5	.1																												81	82	21				
5 / 55		.9	2.4	4.5	2.7	.9	.2																												93	93	48	8			
4 / 53		.4	1.1	3.2	3.4	.7	.1	.1																											73	74	66	22			
2 / 51		.4	3.2	5.5	3.5	1.2	.2	.1																												112	113	61	39		
5 / 49		.4	2.1	4.6	3.4	.9		.2																												93	93	94	51		
/ 47	.1	.4	1.4	1.2	1.7	.9	.1																													47	48	96	49		
4 / 45	.2	.4	1.2	2.9	2.1	1.0																														63	63	108	74		
4 / 43		.1	.6	2.2	1.1	1.2																														41	41	94	46		
2 / 41		.6	1.4	1.2	.4																															29	30	51	87		
4 / 39		.9	.9	.1	.1																															16	16	51	80		
3 / 37		.2	.6	.4																																10	10	60	68		
/ 35		.2	.5	.1																																7	7	28	66		
3 / 33		.1																																		1	1	20	46		
2 / 31																																						5	32		
/ 29																																					1	35			
2 / 27																																						41			
/ 25																																						21			
2 / 23																																						18			
2 / 21																																						9			
/ 19																																						5			
/ 17																																						5			
1 / 15																																						1			
/ 13																																						1			
/ 9																																						1			
TOTAL		.4	6.2	20.9	34.7	25.3	10.7	1.2	.6																													805	810	805	805

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3331288	50744	63.0	12.842	805	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2214847	42069	51.9	6.080	810							93
Wet Bulb	1736875	37071	46.1	6.080	805			.7				93
Dew Point	1297884	31596	39.2	8.443	805		19.5					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS JAN MONTH
 PAGE 1 1900-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
4 / 53						.1																											1	1				
4 / 61			.4	.6	.4																													11	11			
4 / 59		.2	.7	2.2	.6	.2																												33	33			
4 / 57		1.7	2.2	2.1	1.4	.7																												66	66	5		
5 / 55	.1	1.5	3.9	3.9	1.2																													87	87	35	10	
4 / 53		.9	3.9	2.5	1.8																													74	74	45	17	
2 / 51		.9	4.7	4.7	1.8	.1	.1																											100	100	68	33	
5 / 45		.7	3.3	3.6	2.2	.1																												81	87	91	33	
4 / 47		1.5	3.3	4.7	2.7	.1																												94	94	85	57	
4 / 45	.2	1.8	3.4	4.2	2.2	.5																												101	102	103	46	
4 / 43			2.3	3.4	1.6	.2																												62	62	94	62	
2 / 41		.1	1.7	2.9	.9																													46	46	77	74	
4 / 39		1.7	1.2	.6	.5																													27	27	56	69	
3 / 37	.1	.6	.4	.4																														12	13	69	76	
4 / 35		.1	1.1	.2																														12	12	49	66	
3 / 33			.5	.2																														6	6	17	64	
2 / 31		.1																																1	1	15	22	
1 / 29																																					4	35
2 / 27																																				1	48	
2 / 25																																					23	
2 / 23																																					20	
2 / 21																																				9		
1 / 19																																				5		
1 / 17																																				3		
1 / 15																																				2		
TOTAL	.5	11	233	236	216	.7	2.1	.1																											814	817	814	814

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3866774	55232	67.9	12.106	814	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	2027869	40415	49.5	5.924	814			.1				93
Wet Bulb	1655337	36369	44.7	6.114	814			2.3				93
Dew Point	1289625	31703	38.9	8.216	814			19.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1615 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS JAN MONTH
PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 63				.1														1	1																
7 / 61			.2	.4														5	5																
1 / 59			.2	1.6	.4													18	18																
1 / 57		1.6	2.4	1.1	.5	.1												46	47	3															
5 / 55	.1	1.7	2.4	2.5	.7	.1												61	62	22	3														
4 / 53		.9	4.1	1.9	.5	.1												67	68	44	22														
2 / 51		1.6	4.8	4.0	1.1	.2												95	95	49	21														
5 / 49		1.7	4.5	2.9	1.2	.4												86	87	77	42														
4 / 47		3.1	5.3	3.6	2.4	.1												117	119	61	44														
4 / 45	.1	2.4	5.0	4.1	1.9	.1												102	102	113	92														
4 / 43		.2	3.2	3.3	1.7													63	64	90	53														
2 / 41		.9	4.1	3.7	1.7													78	79	86	92														
4 / 39		.9	1.4	1.6	.2													33	34	72	51														
3 / 37		.6	1.4	.7														22	23	64	80														
3 / 35		.2	.4	.2														7	7	50	62														
3 / 33		.7	.4	.1														10	10	31	71														
2 / 31			.1															1	2	19	26														
1 / 29				.2														2	2	2	40														
2 / 27																				2	53														
1 / 25																					19														
2 / 23																				2	17														
2 / 21																					11														
1 / 19																					6														
1 / 17																					1														
1 / 15																					2														
TOTAL		.216	.639	.832	1.10	0.1	1.2											807	815	807	817														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	4091721	56669	70.2	11.905	807			5				93
Wet Bulb	1915134	39214	48.1	5.900	815			2.9				93
Dew Point	1580695	35377	43.8	6.086	807			20.4				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 12 HELLLENIKON AB GR 73-81 JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																	
67																																		1	1			
65					.0	.0	.0																											7	7			
63					.3	.2	.1																											42	42			
61				.3	.6	.5	.0																											91	91			
59		.2	1.0	2.5	.9	.6	.1	.0																										342	342	5		
57		1.1	2.1	1.6	1.2	.5	.0																											413	415	69	1	
55		1.3	2.1	2.5	1.2	.2	.1																											478	479	231	38	
53		1.3	3.1	2.4	1.5	.3	.1	.0																										552	556	381	144	
51		1.6	4.7	3.5	1.7	.3	.1	.0																										721	723	424	254	
49		1.3	3.9	3.2	1.7	.4	.1	.0																										689	692	645	316	
47		2.7	3.4	3.1	1.6	.3	.1																											692	694	637	380	
45		2.9	4.7	3.4	1.7	.6	.1																											828	831	849	604	
43		.8	2.7	2.8	.8	.2																												495	496	761	455	
41		.9	3.2	2.9	.6	.1																												495	496	579	733	
39		.9	1.6	1.1	.1	.0																												239	240	555	520	
37		.8	1.1	.5																														160	162	510	567	
35		.2	.9	.4	.0																													102	103	396	515	
33		.4	.4	.1																														56	56	226	463	
31		.1	.2																															19	21	104	264	
29		.1	.1	.1																														15	15	44	298	
27			.0	.1																														8	8	15	395	
25																																				3	187	
23																																				8	143	
21																																				3	68	
19																																					52	
17																																					22	
15																																					9	
13																																					2	
11																																					9	
9																																					3	
7																																					2	
5																																					1	
TOTAL		.516	.034	.131	.113	.9	3.7	.6	.2																										6477	6445		
Element (X)	Z _K ¹	Z _K	X	σ _K	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Num.	31022019	443555	68.813041		6445	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																										
Dry Bulb	15723150	316232	48.9	6.422	6470		5.1	.1				744																										
Wet Bulb	12475397	285193	44.3	6.297	6445		20.4					744																										
Dew Point	10076022	249190	38.7	8.276	6445		168.0					744																										

USAFETAC FORM 0-26-5 (OL A) REVISION 10-65 (REV. 10-65) USE PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 STATION HELLENIKON AB GR 73-81 STATION NAME YEARS FES MONTH
PAGE 1 0000-02.00 HOURS L. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
4 / 63				.1	.1	.1												3	3			
/ 51			.1	.4	1.1													12	12			
/ 59		.8	2.7	1.4	.1													37	37			
/ 57		1.1	1.4	1.1	.5													30	30	10		
5 / 55		3.1	3.3	2.6	.4													69	69	40	10	
4 / 53	.1	2.4	6.1	3.0	.3	.1												82	90	46	27	
2 / 51		4.4	4.8	1.8	.7													85	85	62	40	
5 / 49		3.5	4.9	2.6	.3													83	83	110	33	
/ 47		2.7	5.0	2.3	.5													78	78	86	77	
4 / 45		2.7	4.9	2.2	.8	.1												79	79	72	80	
4 / 43		.4	2.6	3.3	1.2													55	55	80	67	
2 / 41		.4	4.1	2.3	1.0													55	55	45	63	
4 / 34	.1	.5	1.6	1.9	.1													32	32	44	55	
3 / 37		.7	1.2	.3														16	16	51	43	
/ 35			.5	.1														5	5	40	49	
3 / 33		.1	.3	.3														5	5	24	39	
2 / 31		.1	.1															2	2	7	20	
/ 29																				4	13	
2 / 27																				2	23	
/ 25																					23	
2 / 23																					17	
2 / 21																					8	
/ 17																					2	
TOTAL		.323	1.43	7.25	.3	7.2	.4													735	736	735

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	4,63353	54009	73.5	11,388	735	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1819111	36213	49.2	6,199	736		.2					84
Wet Bulb	1539060	33308	45.3	6,355	735		1.5					84
Dew Point	1276217	30025	40.9	8,227	735		14.4					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 YEARS FEB MONTH

PAGE 1 0170-0500
HOURS 1. 3. 7.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 63				.1		.1												2	2																
4 / 61			.1	.1	.7	.3												9	9																
4 / 59		.4	2.4	1.6	.1													34	34																
4 / 57		1.4	1.5	1.1	.5													33	33	5															
5 / 55		2.4	2.2	2.7	.1													55	55	70	10														
4 / 53		3.1	3.9	2.7	.3													68	68	51	15														
2 / 51	.3	2.3	4.8	1.1	.1													63	63	53	44														
5 / 49		4.1	4.5	1.4	.1													74	74	83	45														
4 / 47		4.5	5.0	1.9	.7													89	89	89	46														
4 / 45	.1	5.2	6.5	2.1	.1													103	103	92	93														
4 / 43		1.2	3.8	2.3	.3	.1												57	57	68	70														
2 / 41		1.6	5.0	2.7	.5													73	73	68	99														
4 / 39	.1	1.5	1.6	1.1														32	32	47	43														
3 / 37	.1	.5	1.6	1.1														24	24	62	53														
4 / 35		.4	.8															9	9	38	49														
3 / 33	.1	.1	.3	.1														5	5	30	47														
2 / 31		.3	.3	.1														5	5	12	14														
2 / 29			.1															1	1	3	28														
2 / 27																				4	30														
4 / 25																				1	21														
2 / 23																					16														
2 / 21																					4														
4 / 19																					5														
4 / 17																					1														
1 / 15																					1														
TOTAL		28.9	44.6	21.5	3.7	.5													736	736	736														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	1736495	35449	48.2	6.294	736		7					84
Wet Bulb	1496326	32852	44.6	6.383	736		23					84
Dew Point	1252039	29769	40.4	8.079	736		13	7				84

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 14 HELLENIKON AB GR STATION NAME

73-81 YEARS

FEB MONTH

PAGE 1 0600-2800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 67																		2	2																
4 / 61				.1	.5	.7												12	12																
4 / 59			.4	2.1	1.2													27	27																
4 / 57			1.8	2.3	.7													35	35		4														
5 / 55	.1	3.1	2.6	1.8														55	55	26	6														
4 / 53		.8	3.1	1.9	.3													45	45	55	24														
4 / 51	.1	3.1	3.9	1.9	.1													68	68	34	42														
4 / 49	.1	3.4	5.8	.8														75	75	71	39														
4 / 47		5.3	3.5	2.7	.7													85	85	84	47														
4 / 45	.3	4.3	3.1	1.5	.1													106	107	122	68														
4 / 43		2.8	4.3	2.6														72	72	68	67														
2 / 41		2.8	3.4	3.2	.3													72	72	77	102														
4 / 39		1.8	3.7	1.6	.1													48	48	93	56														
3 / 37		.9	1.4	.7														22	22	58	62														
4 / 35				.1														1	1	48	50														
3 / 33	.3	.1	.8	.3														11	11	26	42														
2 / 31		.1	.3		.1													4	4	10	19														
4 / 29																				6	28														
2 / 27		.1																1	1	3	35														
4 / 25																				2	16														
2 / 23																					11														
2 / 21																					7														
4 / 19																					3														
4 / 17																					1														
4 / 15																					1														
1 / 13																					1														
1 / 11																					1														
TOTAL		.930	.944	.820	.6	2.7													738		737														
																			737		737														

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4325684	55882	75.8	11.150	737	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1711326	35236	47.7	6.270	738		6					84
Wet Bulb	1478262	32669	44.3	6.409	737		2.4					84
Dew Point	1244297	29693	40.3	8.059	737		14.0					84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16710 HELLENIKON AB GR 73-81 FEB 1970-1970
 STATION STATION NAME YEARS MONTHS
 PAGE 1 0970-1100
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 65					.1	.1												2	2																
4 / 63				.7	1.2	.8												20	20																
/ 61			.5	1.1	.8													18	19																
/ 59		.7	2.0	4.3	1.1	.8												66	68	1															
/ 57		.8	4.1	4.6	.5	.4	.1											78	79	19	1														
5 / 55		1.5	3.0	4.9	1.0	.3	.1											79	79	50	13														
4 / 53		.5	4.2	3.7	2.1													77	77	70	20														
2 / 51		1.0	4.6	3.7	2.0	.1												84	84	70	37														
5 / 49		1.0	2.2	3.4	1.4	.1												59	59	100	57														
/ 47		1.4	2.7	3.4	.7	.1												61	62	73	65														
4 / 45		1.4	4.2	2.2	2.2	.4												76	78	56	99														
4 / 43		.4	1.9	3.8	.3	.1												48	48	68	55														
2 / 41		1.1	1.9	1.5	.8													39	39	57	70														
4 / 39		.7	.4	.4	.3													13	13	47	58														
3 / 37		.1	.4	.1														5	5	53	57														
/ 35	.1	.4	.3	.1														7	7	17	55														
3 / 33	.1	.3																3	3	16	46														
2 / 31		.1																1	1	4	22														
/ 29																				4	22														
2 / 27																				1	25														
/ 25																					12														
2 / 23																					10														
2 / 21																					0														
/ 19																					1														
/ 17																					1														
/ 15																					2														
/ 13																					1														
/ 11																					1														
TOTAL	.4	11.0	32.5	38.0	14.5	3.3	.3	.1										736	743	736	736														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3578962	50602	68.8	11.661	736							84
Wet Bulb	1987758	38140	51.3	6.352	736		.1					84
Dew Point	1287694	30218	41.1	7.999	736		11.8					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-15 STATION HELLENIKON AB GR STATION NAME 73-A1 YEARS FEB MONTH

PAGE 1 1277-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 71																		1	1			
2 / 69									.1	.1								2	2			
3 / 67						.1			.1	.1								3	3			
4 / 65					.1	.5	1.0		.1									13	13			
5 / 63					2.5	1.6	1.5											41	41			
6 / 61				1.2	1.6	2.5	.5		.3									45	45			
7 / 59		.3	3.1	7.1	4.2	2.5	.4	.3										131	134	12		
8 / 57		.7	2.2	4.2	1.9	1.4	.1	.3										79	79	36	3	
9 / 55		.3	1.4	6.4	4.1	.8	.4	.1										98	98	72	18	
10 / 53	.1	.4	.7	2.5	3.7	.5	.3											60	60	88	27	
11 / 51		.1	1.1	1.6	2.2	.3												39	39	80	48	
12 / 49		1.1	1.7	2.9	1.9	.1												51	51	86	44	
13 / 47		.1	1.4	2.3	2.6	.5	.3											53	53	81	70	
14 / 45		1.7	1.2	2.7	2.7	.5												60	61	64	89	
15 / 43		.1	.5	2.2	.7	.3												28	28	61	53	
16 / 41		.5	.7	.4	.4													15	15	43	80	
17 / 39			.4	.1														4	4	54	53	
18 / 37		.1		.1														2	2	27	48	
19 / 35	.3	.1	.3															5	5	16	46	
20 / 33		.1																1	1	7	42	
21 / 31																					4	30
22 / 29																						25
23 / 27																						21
24 / 25																						15
25 / 23																						9
26 / 21																						4
27 / 19																						3
28 / 15																						3
TOTAL	.4	5.1	15.2	36.9	29.1	10.0	2.2	1.1										731	735	731	731	
																		731		731		
Element (X)																						
Rel. Hum.	Z _X ²	Z _X	X	σ _X	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	3.11565	46051	63.0	12.332	731			.7				84										
Wet Bulb	21927.7	39863	54.2	6.470	731					.5		84										
Dew Point	1715855	35127	48.1	6.180	731						12.6	84										

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 STATION HELLINIKON AB GP 73-81 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
6 / 67					.1													1	1																	
6 / 65				.3	.3	.3	.3											8	8																	
4 / 63				2.2	1.5	1.0	.1	.1										36	37																	
7 / 61		.1	1.5	1.9	2.3	.7	.5											52	53																	
7 / 59		.3	4.2	6.2	5.3	1.4	.7	.1										133	133	8	1															
7 / 57		.7	2.5	6.2	3.2	1.0	.1	.4										101	102	38	1															
5 / 55		.8	1.1	4.8	4.1	1.4	.4	.3										94	94	72	24															
4 / 53		.3	.3	2.1	2.9	.3	.1											43	43	89	23															
2 / 51		.4	.8	2.3	2.1	.4	.3											46	46	91	67															
5 / 49		.1	1.9	1.8	1.6	.3												42	43	79	38															
7 / 47	.1	.7	1.4	2.6	1.9		.3											51	51	74	67															
4 / 45		.8	1.1	3.6	3.6	.3												68	68	60	46															
4 / 43			.5	3.3	.3	.1												31	31	67	57															
2 / 41		.1	.4	.8	.5	.1												15	15	32	72															
4 / 39		.1	.1	.5														6	6	63	34															
3 / 37		.1		.1														2	2	37	51															
7 / 35		.1	.1															2	3	10	43															
3 / 33																				9	42															
2 / 31																				2	24															
7 / 29																					42															
2 / 27																					30															
7 / 25																					9															
7 / 23																					12															
2 / 21																					2															
7 / 19																					4															
7 / 17																					1															
1 / 15																					1															
TOTAL	.1	4.8	16.0	38.6	29.5	7.1	2.9	1.0										731	736	731	731															

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3,26293	46191	63.2	12.137	731							
Dry Bulb	2183501	39823	54.1	6.258	736			.1				84
Wet Bulb	1713632	35100	48.0	6.221	731		.2					84
Dew Point	1306486	30288	41.4	8.403	731		18.8					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR STATION NAME

73-81 YEARS

FEB MONTH

PAGE 1 1830-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
4 / 63				.8	.4	.4																										12	12				
4 / 61			.4	.5	1.3																												17	17			
4 / 59		1.1	4.3	3.2	.8	1.1	.1																									79	79				
4 / 57		1.6	3.8	3.8	1.6		.4																									83	83	23			
5 / 55		2.7	2.8	6.2	.4	.1		.1																								92	92	55	15		
4 / 53		1.1	4.6	3.0	2.4	.1	.3																									85	35	77	36		
4 / 51		1.5	4.3	2.8	1.8	.3	.1																									80	80	72	58		
5 / 49	.1	.8	3.2	2.6	1.2	.7																										64	64	116	41		
4 / 47		.3	2.4	1.5	.9	.1																										39	39	68	70		
4 / 45		1.6	3.6	3.6	1.6	.1																										79	79	77	89		
4 / 43			.9	3.5	.9	.3																										42	42	52	55		
2 / 41	.1	.4	1.8	2.3	1.1																											42	42	52	82		
4 / 39		.9	.3	1.1																												17	17	47	48		
3 / 37			.1																													1	1	52	39		
3 / 35		.1	.8																													7	7	23	36		
3 / 33		.1	.1																													2	2	19	43		
2 / 31																																		7	7	24	
3 / 29																																			1	1	32
2 / 27																																				28	
2 / 25																																				21	
2 / 23																																				13	
2 / 21																																				5	
1 / 19																																				4	
1 / 17																																				2	
TOTAL		.312	.333	.635	.014	.6	3.2	.9	.1																									741	741	741	

Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3630970	51052	68.9	12.395	741	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1996826	38196	51.5	6.146	741							84
Wet Bulb	1646917	34617	46.7	6.338	741		.9					84
Dew Point	1317770	30610	41.3	8.487	741		14.6					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GR STATION NAME

73-81 YEARS

YEARS

FEB MONTH

PAGE 1 2100-2330 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
4 / 63				.4	.3	.1																												6	6			
4 / 61				.1	1.6																													13	13			
4 / 59		.9	2.8	2.3	.4	.3	.1																											51	51			
4 / 57		1.5	2.5	1.7	.4	.1																												47	47	10		
5 / 55		3.3	3.9	3.3	.4	.3																												84	84	41	9	
4 / 53		1.3	6.2	2.9	.8																													84	84	72	26	
4 / 51		3.2	4.7	1.6	1.2																													80	80	62	54	
5 / 49	.4	1.6	4.0	2.4	.4	.3																												68	68	108	42	
4 / 47	.1	1.9	3.5	3.6	.8																													74	74	79	80	
4 / 45		1.7	5.2	2.1	1.2	.3																												79	79	76	81	
4 / 43		.7	2.3	4.4	1.3																													65	65	65	54	
2 / 41		.5	3.5	2.4	1.1																													56	56	64	80	
4 / 39		.4	.4	1.2																														15	15	36	54	
3 / 37		.4	.7	.8																														14	14	62	46	
3 / 35			.7	.3																														7	7	35	50	
3 / 33		.1	.1	.1																														3	3	20	34	
2 / 31			.1																															1	1	13	23	
1 / 29																																					2	36
2 / 27																																				2	20	
1 / 25																																					30	
2 / 23																																					16	
2 / 21																																					12	
1 / 19																																					3	
TOTAL		.517	7.47	6.29	9.9	1.3	.1																												747	747	747	

Element (X)	Σ x'	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.	Σ x'	Σ x	Σ	σ _x	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1888379	17277	49.9	6.145	747		.1					84
Wet Bulb	1587149	14099	45.6	6.405	747		1.9					84
Dew Point	1293383	10831	40.7	8.488	747		15.8					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLINIKON AS GR 73-81 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
71							.0											1	1		
69							.0	.0										2	2		
67					.0		.0	.0										4	4		
65				.1	.1	.2	.1											23	23		
63			.3	.7	.5	.0	.0											122	123		
61		.0	.5	.8	1.4	.2	.1											176	178		
59		.6	3.7	3.4	1.5	.7	.2	.1										558	563	21	1
57		1.2	2.5	2.9	1.1	.4	.1	.1										486	488	145	5
55	.0	2.2	2.5	4.1	1.3	.4	.1	.1										626	626	396	105
53	.0	1.2	3.6	2.6	1.5	.1	.1											551	552	548	198
51	.1	2.0	3.6	2.1	1.3	.1	.1											545	545	524	390
49	.1	2.0	3.4	2.2	.9	.2												516	517	753	359
47	.0	2.1	3.1	2.5	1.1	.1	.1											530	531	636	522
45	.1	2.3	4.4	2.5	1.5	.2												650	654	629	705
43	.7	2.1	3.2	.6	.1	.0												398	398	529	473
41	.4	1.0	2.6	1.9	.7	.0												365	365	438	652
39	.0	.7	1.0	1.0	.1													167	167	391	401
37	.0	.4	.7	.4														86	86	412	397
35	.1	.2	.4	.1	.0													43	44	227	378
33	.1	.1	.2	.1														30	30	151	335
31	.1	.1	.0	.7														13	13	59	173
29		.0																1	1	20	246
27	.7																	1	1	12	212
25																				3	147
23																					104
21																					48
19																					23
17																					7
15																					6
13																					3
11																					3
9																					1
TOTAL	.516	.733	.930	.713	.9	3.2	.8	.3										5894	5912	5894	5894

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	29818563	412487	70.0	12.703	5894	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	15506103	300197	50.8	6.668	5912		1.7	.8				672
Wet Bulb	12793207	271955	46.1	6.447	5894		10.7					672
Dew Point	10281042	241320	40.9	8.245	5894		110.9					672

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 163 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 65				.2	.2	.1	.1	.1										3	3																
4 / 63							.2											6	6																
7 / 61		.5			.5	.2	.4	.1										14	14	1															
7 / 59		.6	1.7	2.6	.5	.4	.1	.1										49	49	5	3														
7 / 57	.1	2.4	3.1	2.4	1.7		.1											73	74	11	3														
5 / 55		3.7	3.4	4.7	.4		.1											100	100	42	11														
4 / 53	.1	4.7	7.6	4.9	1.5	.2												153	154	88	42														
2 / 51		1.7	6.4	3.5	1.4													104	105	93	58														
5 / 49	.2	3.0	5.4	3.5	1.6	.4												113	113	145	74														
7 / 47	.1	1.9	2.4	3.6	.6													69	69	115	76														
4 / 45	.2	1.5	3.4	1.7	.7													55	55	110	122														
4 / 43		.2	.9	.7	.1													16	16	61	68														
2 / 41		.2	1.2	1.1	.4													24	24	54	95														
4 / 39		.2	.2															10	10	24	61														
3 / 37		.1	.4	.2	.2													8	8	22	50														
3 / 35		.1	.1	.1														3	3	11	43														
3 / 33			.4															3	3	13	35														
2 / 31																				3	14														
7 / 29																				5	10														
7 / 27																					11														
7 / 25																					12														
2 / 23																					6														
2 / 21																					6														
7 / 19																					1														
7 / 17																					1														
1 / 15																					1														
TOTAL	.9	21.0	36.7	29.4	9.1	1.5	1.0	.4										803	806	803	803														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	4401991	58611	73.0	12.433	803							
Dry Bulb	2184491	41749	51.8	5.226	806							93
Wet Bulb	1840810	38204	47.6	5.378	803		.9					93
Dew Point	1533388	34592	43.1	7.312	803		7.2					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLINIKON AB GR 73-81 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
4 / 63				.1																												1	1				
4 / 61		.4	.2	.1	.5		.1																									11	11				
4 / 59		.1	.6	1.0	1.5	.5	.1																									31	31	3	1		
4 / 57		1.6	1.9	.9	.7	.1	.4																									45	45	5	3		
5 / 55		4.6	3.7	4.2	.7	.4																										104	104	19	7		
4 / 53		3.9	5.0	3.4	.4	.2																										103	103	71	24		
2 / 51	.1	3.4	7.9	3.9	.7																											128	128	77	58		
5 / 49		2.6	4.6	2.0	.9																											81	83	132	45		
4 / 47	.1	3.2	5.1	2.7	.9																											97	97	125	62		
4 / 45	.4	3.7	4.7	2.2	.5																											94	94	118	120		
4 / 43	.1	1.4	1.1	1.9																												36	36	80	90		
2 / 41	.1	1.4	2.9	.7	.1																											42	42	70	117		
4 / 39		.4	.2	.2																												7	7	36	71		
3 / 37		.2	.4	.4																												8	8	33	58		
4 / 35		.1	.4	.5																												8	8	10	39		
34 / 33	.2		.4																													5	5	9	33		
2 / 31																																			7	28	
5 / 29																																		6	13		
2 / 27																																			10		
2 / 25																																			8		
2 / 23																																			5		
2 / 21																																			6		
4 / 19																																			1		
4 / 17																																			2		
TOTAL	1.1	27.1	38.5	24.3	7.1	1.2	.6																											801	803	801	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2052721	40377	50.3	5.292	801							93
Wet Bulb	1752427	37224	46.5	5.309	801			1.5				93
Dew Point	1468922	33888	42.3	6.977	801			8.5				93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167167 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS MAR MONTH
 PAGE 1 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 63				.1														1	1			
4/ 61		.4		.4	.2	.2	.1											11	11			
4/ 59		.2	1.1	1.2	1.0	.4	.1											33	33	3		
5/ 57		1.9	1.2	1.9	.6	.5	.1											50	50	3	5	
5/ 55		4.0	2.0	3.5	.5	.7	.2											88	88	31	5	
4/ 53	.1	3.2	5.6	3.7	.7	.2												110	110	59	28	
5/ 51		4.2	7.6	3.6	.4													127	127	75	44	
5/ 49		2.5	5.1	2.0	.9	.4												87	87	130	40	
4/ 47	.1	3.2	5.6	1.9	1.1	.1												97	98	128	76	
4/ 45		3.6	6.1	3.6	.6													112	112	123	115	
4/ 43	.2	.5	1.1	1.6	.4													31	31	84	94	
4/ 41		1.0	1.9	1.3	.1													32	32	66	115	
4/ 39		.4	.2	.2	.1													8	8	47	79	
3/ 37		.1	.1	.2														4	4	22	53	
3/ 35		.4	.9	.2														12	12	13	36	
3/ 33			.4															3	3	7	32	
2/ 31			.1															1	1	10	33	
2/ 29																				5	16	
2/ 27																				1	15	
2/ 25																					6	
2/ 23																					6	
2/ 21																					5	
1/ 19																					4	
TOTAL		.525	.538	.925	.2	6.7	2.6	.6											807	807	937	

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2068198	40660	50.3	5.235	807		.1					93
Wet Bulb	1759125	37937	46.9	5.273	807		1.8					93
Dew Point	1465275	33919	42.0	7.012	807		9.8					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GP STATION NAME 73-81 YEARS MAR MONTH
 PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 73										.1								1	1																
4 / 69							.1		.1	.1								3	3																
6 / 67					.1	.5												5	5																
6 / 65				.1			.4		.1									5	5																
4 / 63		.2	.2	2.4	2.3	1.7	.2	.1										56	56																
4 / 61		.7	1.9	1.9	2.2	.7	.2	.4										65	66	2															
4 / 59		1.2	2.9	5.5	3.4	1.7	1.2	.4										131	131	12	5														
5 / 57		1.5	2.4	4.7	3.2	2.3	.2											113	113	56	5														
5 / 55		.6	2.4	8.1	3.4	.9	.2	.1										125	125	72	22														
4 / 53		.6	2.2	4.1	2.6	1.1		.1										87	88	100	55														
2 / 51		1.5	3.5	3.7	1.6	1.1												92	92	97	49														
5 / 49		.6	1.1	1.5	1.5	.4												41	42	143	47														
4 / 47		.2	1.2	.6	.4	.5												24	24	118	79														
4 / 45	.1	.5	.5	.9	.6	.1												22	23	81	115														
4 / 43		.1	.2	.5	.4	.1												11	11	48	90														
2 / 41			.2	.9	.2													11	11	24	106														
4 / 39		.1	.2	.4														6	6	15	50														
3 / 37			.1	.1	.1													3	4	15	41														
3 / 35																				10	38														
3 / 33																				6	28														
2 / 31																				1	17														
2 / 29																				1	17														
2 / 27																					11														
2 / 25																					11														
2 / 23																					7														
2 / 21																					5														
2 / 19																					1														
2 / 17																					2														
TOTAL	.1	8.1	19.2	35.3	21.8	11.0	2.7	1.1	.2	.2								801	806	801	801														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Num.	3518706	52002	64.9	13.321	801	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb	2499247	44669	55.4	5.422	806			1.0	.1			93																							
Wet Bulb	1982662	39626	49.5	5.284	801			.2				93																							
Dew Point	1548723	34701	43.3	7.534	801			8.2				93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS MAR MONTH
 PAGE 1 2130-2300 HOURS L. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
69									.1									1	1																
67								.1		.1								2	2																
65					.2				.1	.1								4	4																
63		.1		.4	.4	.2	.1	.1	.1									12	12																
61		.5	.7	1.7	1.4		.5	.1										40	40			1													
59	.1	1.2	2.7	2.6	1.9	.5	.4											77	77			7	3												
57		3.1	4.2	4.5	1.6		.2											110	111			22	5												
55		3.1	4.4	6.7	1.4	.4	.1											128	129			68	19												
53		2.1	6.3	3.0	2.5	.5	.7	.1										122	123			93	44												
51		1.9	5.8	2.5	1.2	.5												96	96			116	67												
49		.7	3.6	3.4	2.0	.5												62	62			150	58												
47	.2	.5	1.7	2.7	.9	.4												52	52			97	85												
45		1.1	1.2	.9	.6	.1												32	32			74	114												
43		.1	.7	.7	.5													17	17			74	63												
41		.6	.7	.4	.4													17	17			44	93												
39		.2	.1	.6														9	9			25	53												
37			.1	.2														3	3			17	46												
35		.1																1	1			4	39												
33																						10	27												
31																						2	12												
29																							16												
27																							14												
25																							9												
23																							13												
21																							2												
19																							2												
TOTAL		.415	.332	.730	.314	.9	3.1	2.2	.5	.4	.1							804	804			804	934												

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	491528	56308	70.013	576	804	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	2326368	43138	53.5	5097	804			.3				93
Wet Bulb	119762	39056	48.6	5214	804		.2					93
Dew Point	1562761	34935	43.5	7468	804		7.9					93

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 HELLENIKON AB GR 73-81 YEARS ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
7 / 77																																3	3						
6 / 75																																	4	4					
4 / 73																																	9	9					
7 / 71																																	16	16					
7 / 69																																	27	27					
7 / 67																																	31	31					
6 / 65																																	96	96					
4 / 63																																	391	391	1				
7 / 61																																	387	389	26	1			
7 / 59																																	814	817	90	24			
7 / 57																																	700	703	364	47			
5 / 55																																	849	852	563	137			
4 / 53																																	785	788	747	380			
2 / 51																																	699	701	744	496			
5 / 49																																	479	483	1078	455			
7 / 47																																	387	388	642	625			
4 / 45																																	364	366	702	914			
4 / 43																																	128	128	445	619			
2 / 41																																	148	148	327	806			
4 / 39																																	49	49	191	467			
3 / 37																																	31	32	148	367			
7 / 35																																	25	25	74	290			
3 / 33																																	11	11	50	230			
2 / 31																																	1	1	24	151			
7 / 29																																				17	110		
2 / 27																																			1	119			
7 / 25																																				69			
2 / 23																																				66			
2 / 21																																				35			
7 / 19																																				14			
7 / 17																																				10			
1 / 15																																				2			
TOTAL																																				6434	6458	6434	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum.	3021128	435800	67.7	14.230	6434	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	744																											
Dry Bulb	19269831	350401	54.3	6.196	6458			1	10.4	1.8		744																											
Wet Bulb	15561827	314363	48.9	5.606	6434			4.9				744																											
Dew Point	12398361	278275	43.3	7.509	6434			66.6				744																											

USAFETAC FORM 16-64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1616 STATION HELLENIKON AB GB 73-81 YEARS APR MONTH

PAGE 1 0300-0500 HOURS (L.S., P.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 67							.1											1	1																
6 / 65						.1	.1											2	2																
4 / 63				.8	.3	.6	.1											14	14																
2 / 61			2.3	.9	.6	.4		.1										34	34																
/ 59	1.9	4.9	3.9	1.4	.5		.1											98	99																
/ 57	2.1	4.3	5.7	2.2	.5	.4												117	118	48	1														
5 / 55	3.1	3.7	6.7	1.4	.3	.1												113	113	64	36														
4 / 53	.1	4.1	6.7	4.5	2.2	.3	.3											141	141	98	52														
2 / 51	1.8	6.7	3.5	2.2	.3	.1												113	113	114	70														
5 / 49	2.1	3.5	2.2	.3	.6													67	68	165	65														
/ 47	1.7	3.7	1.3	.4														49	50	115	80														
4 / 45	.8	1.7	.4															17	17	95	161														
4 / 43		.1	.4															4	4	40	80														
2 / 41		.3																2	2	24	83														
4 / 39																				6	54														
3 / 37																				3	39														
/ 35																					12														
3 / 33																					12														
2 / 31																					12														
/ 29																					7														
2 / 27																					5														
/ 25																					2														
2 / 23																					1														
TOTAL	.1	17.6	35.8	30.3	11.0	3.6	1.2	.3	.1										776	776	772														
																			772		772														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	4161416	55986	72.4	12.253	772							90
Dry Bulb	2315936	42184	54.4	4.061	776			.1				90
Wet Bulb	1929502	38464	49.8	4.119	772							90
Dew Point	1612991	34985	45.3	5.979	772		3.1					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR
STATION STATION NAME

73-81
YEARS

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
6 / 65					.1	.4	.5											8	8			
4 / 63				2.1	1.7	1.2	.3											35	35			
2 / 61		.4	1.5	1.8	1.4	.3	.3											44	44			
2 / 59		1.8	4.4	8.4	3.1	1.4	.3	.1										120	120	7		
2 / 57	.1	2.7	2.7	6.6	2.4	.6	.5											122	122	50	6	
5 / 55	.3	2.3	3.7	7.6	2.6	1.0	.1											137	137	86	38	
4 / 53		1.7	5.5	4.1	1.8	.3	.1											105	106	85	54	
2 / 51	.1	1.3	7.3	2.8	1.9	.4												108	108	128	49	
5 / 49		.9	2.1	1.8	1.8	.4												48	48	155	70	
2 / 47	.1	1.0	1.2	1.5	.5													34	34	124	85	
4 / 45		.4	.8	.4														12	12	70	142	
4 / 43				.4														3	3	47	99	
2 / 41			.1															1	1	15	89	
4 / 39			.1															1	1	9	41	
3 / 37																				1	38	
2 / 35																				1	23	
3 / 33																					22	
2 / 31																					10	
2 / 29																					6	
2 / 27																					3	
2 / 25																					3	
TOTAL	.6	12.5	29.4	33.4	15.9	5.9	2.1	.1											778	778	778	

Element (X)	Σ				No. Obs.	Mean No. of Hours with Temperature						
	2x'	Σx	x̄	s _x		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3899774	54232	69.7	12.398	778							90
Dry Bulb	239521	43068	55.3	4.233	778							90
Wet Bulb	197510	39062	50.2	4.211	778							90
Dew Point	1616564	35148	45.2	6.074	778		2.5					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS APR MONTH

PAGE 1 0003-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
4 / 73							.1											1	1																	
/ 71						.1	.1	.4										5	5																	
/ 69						.3	.9	.6	.1									15	15																	
6 / 67					.8	1.2	.6	.1	.1									22	22																	
6 / 65			.1	1.0	1.7	1.9	.9	.1		.1								46	46																	
4 / 63		.4	1.4	6.7	5.4	4.2	1.3	.8	.4									160	161																	
/ 61		1.0	3.1	4.2	5.3	2.1	.8	.5	.1									133	133	11																
/ 59		.8	3.1	7.8	7.1	3.5	1.5	.4	.1									189	189	50	6															
/ 57		.5	.9	2.4	3.2	1.5	.4											70	71	138	25															
5 / 55		.1	.9	3.3	2.6	1.7	.3											69	69	122	46															
4 / 53		.5	.9	1.3	1.5	.4	.1											37	37	134	65															
2 / 51	.3	.6	.5	.4	.6	.3												21	21	111	84															
5 / 49		.4		.1	.4													7	7	94	80															
/ 47			.4															3	3	68	96															
4 / 45																				35	120															
4 / 43																				14	58															
2 / 41																				1	74															
4 / 39																					43															
3 / 37																					18															
5 / 35																					19															
3 / 33																					23															
2 / 31																					10															
/ 29																					8															
2 / 27																					1															
/ 25																					2															
TOTAL	.3	4.4	11.3	27.4	28.5	17.0	6.9	2.8	1.3	.1								778	780	778																

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3105298	48106	61.8	12.973	778			5.0	.1			90
Wet Bulb	2848706	47014	60.3	4.280	780							90
Dew Point	221812	41358	53.2	4.129	778		2.4					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GR 73-81 YEARS APR MONTH
 PAGE 1 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77								.1		.1								2	2		
6 / 75								.1	.3	.4								6	6		
4 / 73								.3	.5	.1								7	7		
7 / 71					.3	.6	1.0	1.2	.3									26	26		
7 / 69				.1	.4	2.3	1.5	.4	.1	.3								40	40		
6 / 67				.6	.9	2.6	2.1	.6	.3	.3								57	57		
6 / 65			.4	2.6	5.1	2.7	2.1	.9	.4									109	109		
4 / 63		.1	1.4	6.6	4.9	7.5	1.9	2.2	.1									192	193	11	
2 / 61		.6	2.6	4.5	4.6	2.4	2.2	.9	.3									141	141	35	1
7 / 59			1.5	4.0	4.1	3.3	1.2	.4										113	113	98	15
5 / 57		.3	.3	.8	1.7	.6	.4											31	31	166	25
5 / 55			.1	.9	2.2	.4	.1											29	29	120	63
4 / 53		.5	.5	.3	.3	.1	.1											14	14	133	90
2 / 51	.1	.5	.3	.1	.1													9	9	75	95
5 / 49			.1															1	1	84	65
4 / 47																				39	87
4 / 45																				13	102
4 / 43																				1	59
2 / 41																					60
4 / 39																					36
3 / 37																					34
2 / 35																					13
3 / 33																					18
2 / 31																					7
3 / 29																					5
2 / 27																					2
TOTAL	.1	2.1	7.2	20.5	24.6	22.7	12.6	6.9	2.2	1.2								777	778	777	777

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2742893	44997	57.9	3.290	777							90
Wet Bulb	3119353	49141	63.2	4.459	778			16.0	1.7			90
Dew Point	2349023	42607	54.8	4.039	777							90
	1780386	36854	47.4	6.457	777			1.6				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16/16 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS APR MONTH

PAGE 1 1500-1700
FORMS (I. S. 7)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1/79											.3							2	2		
7/77											.1							1	1		
6/75									.1	.4	.1							5	5		
4/73						.1	.8	.1	.3	.1								11	11		
1/71					.1	.8	1.6	1.6	.1	.1								33	33		
1/69				.1	.3	1.2	1.3	1.0		.3								32	32		
6/67			.1	.1	1.7	3.4	1.9	.6	.5	.1								66	66		
6/65			.6	1.7	3.8	1.7	2.8	1.6	.3									96	96		
4/63	.1	1.7	8.2	6.0	5.6	2.3	1.8	.3										199	200	8	
1/61	.3	2.2	4.0	6.0	1.9	1.6	.8											129	129	40	2
1/59	.4	1.7	3.6	3.0	3.1	1.4	.4											105	106	93	12
5/57	.1	.3	1.6	1.6	.8	.6	.3											37	37	172	25
5/55	.1	.6	1.4	1.7	.5	.1												35	35	139	43
4/53	.4	.9	.3	.6	.3													19	19	115	102
2/51		.1																1	1	88	92
5/49	.1																	1	1	71	77
1/47																				36	74
4/45																				17	123
4/43																				3	52
2/41																					60
4/39																					34
3/37																					21
3/35																					19
3/33																					20
2/31																					7
3/29																					4
2/27																					5
TOTAL	.1	1.4	8.3	20.9	24.6	18.9	14.5	8.2	1.6	1.2	.4							772	774	772	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2699858	44476	57.6	13.356	772			17.8	2.2			90
Wet Bulb	3112557	48955	63.2	9.576	772							90
Dew Point	2333003	42327	54.8	3.996	772							90
	1762731	36553	47.3	6.493	772		1.9					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 APR
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb
4 / 73							.1	.3									3	3		
7 / 71							.3	.1	.1								4	4		
7 / 69					.4	.3	.4	.6	.1	.3							16	16		
6 / 67				.1	.8	.4	1.0	.4	.1								22	22		
6 / 65			.5	.8	1.4	1.8	1.9	.3	.1								53	53		
4 / 63		.4	.4	4.9	4.2	3.8	1.4	.3	.4								123	123	2	
2 / 61		.6	3.1	5.4	4.7	1.9	1.4	.1									155	135	18	1
7 / 59	.3	.8	6.7	8.1	6.3	2.4	1.4	.3									204	206	34	11
7 / 57		.5	2.0	2.2	2.8	1.0	.6	.1									73	73	115	16
5 / 55		.6	1.0	2.8	2.7	1.4	.1										63	63	156	38
4 / 53		.9	1.5	1.9	1.3	.3	.1										51	51	156	83
2 / 51		.5	1.0	.6	.8	.3											25	25	99	93
5 / 49		.5		.1	.1	.1											7	7	95	69
2 / 47			.3														2	2	57	100
4 / 45																			31	133
4 / 43																			13	59
2 / 41																			5	65
4 / 39																				36
3 / 37																				19
7 / 35																				13
3 / 33																				22
2 / 31																				11
3 / 29																				6
2 / 27																				4
2 / 25																				1
24 / 23																				1
TOTAL	.3	4.9	16.3	27.1	24.8	14.2	8.7	1.9	1.0	.8							781	783	781	
Element (X)	Σ x'		Σ x		Σ x		Σ x		No. Obs.		Mean No. of Hours with Temperature					Total				
Rel. Hum.	3232586		49280		62.8		13.788		781		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				
Dry Bulb	2842733		47355		60.1		4.369		783				5.2	.3			90			
Wet Bulb	2221874		41536		53.2		4.250		781								90			
Dew Point	1739743		36523		46.8		6.382		781			2.7					90			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GP 73-81 APR 2100-2100
STATION STATION NAME YEARS MONTH HOURS

PAGE 1 2100-2100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
69							.1	.1	.1									3	3																
67						.1	.3	.1	.1									5	5																
65				.3	.5	.5	.4	.1	.1									15	15																
63		.3	.3	2.7	1.0	3.0	.9	.5										67	67																
61		.5	2.8	5.7	3.2	.6	.6											95	95	3	2														
59		1.7	5.9	7.3	6.1	2.2	.8	.4										189	190	13	1														
57		2.4	4.4	4.9	3.5	1.5												130	130	68	11														
55	.1	.9	4.7	5.5	2.1	.6	.3											105	105	132	37														
53		1.3	3.2	3.6	1.8	.5												81	81	139	66														
51	.1	.4	2.6	1.7	1.1	.9												52	52	144	84														
49		.3	.8	1.0	.5	.3												22	22	120	84														
47		.5	.3	.4	.1													10	10	77	98														
45				.5														4	4	49	130														
43																				19	72														
41																				10	70														
39																				4	45														
37																					26														
35																					13														
33																					12														
31																					13														
29																					6														
27																					6														
25																					2														
TOTAL	.3	8.2	24.2	32.9	19.8	9.6	3.3	.5	.9	.3								778	779	778	778														

Element (K)	Z _x '	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	3634168	52177	67.1	13.222	778							90
Wet Bulb	2598653	44879	57.6	4.108	778			9				90
Dew Point	2097648	40278	51.8	3.996	778							90
	1693588	35982	46.2	6.151	778		3					90

USAFETAC FORM 0-26-5 (OL A) AIR 84
 REPROD IN YOUR EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GP STATION NAME 73-81 YEARS APR MONTH

PAGE 1 ALL HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
1 / 79																		2	2	
2 / 77									.0		.0							3	3	
6 / 75									.0	.1	.1	.0						11	11	
4 / 73								.0	.1	.1	.0							22	22	
2 / 71					.0	.2	.4	.4	.1	.0								68	68	
1 / 69				.0	.1	.5	.5	.3	.1	.1								106	106	
6 / 67			.0	.1	.5	.9	.8	.2	.1	.1								174	174	
6 / 65			.2	.8	1.6	1.2	1.1	.4	.1	.0								336	336	
4 / 63		.2	.7	4.1	3.0	3.4	1.0	.6	.2	.0								828	831	21
2 / 61		.5	2.4	3.5	3.4	1.2	.9	.3	.1									761	761	108
1 / 59	.0	1.3	4.1	5.6	4.3	2.2	.9	.3	.0									1163	1168	200
2 / 57	.0	1.4	2.4	3.7	2.5	.9	.4	.0										702	704	820
5 / 55	.1	1.3	2.4	4.4	2.1	.8	.1											693	693	915
4 / 53	.0	1.4	3.1	2.7	1.5	.3	.1											571	572	992
2 / 51	.1	.8	2.8	1.4	1.0	.3	.0											401	401	893
5 / 49	.0	.6	1.2	.8	.4	.2												200	201	922
4 / 47	.0	.4	.8	.5	.1													118	119	611
4 / 45		.2	.3	.2	.0													43	44	366
4 / 43			.0	.1														7	7	173
2 / 41			.0															3	3	66
4 / 39			.0															1	1	26
3 / 37																			4	219
3 / 35																			1	140
3 / 33																				136
2 / 31																				78
3 / 29																				47
2 / 27																				30
2 / 25																				12
2 / 23																				5
2 / 21																				1
TOTAL	.3	8.0	20.5	28.0	20.6	12.1	6.3	2.7	.9	.4	.0							6213	6227	6213

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

Element (X)	Z _X ¹	Z _X	Z	Z _n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	27476009	403817	65.0	14.070	6213	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Dry Bulb	21675097	365867	58.8	5.356	6227			44.6	4.4			720
Wet Bulb	17153961	325279	52.4	4.470	6213							720
Dew Point	13613966	288182	46.4	6.306	6213		20.0					720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 STATION HELLINIKON AB GR STATION NAME 73-81 YEARS MAY MONTH
PAGE 1 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7 / 77									.1									1	1			
6 / 75							.4	.4		.1								7	7			
4 / 73						.2	.6		.1	.4	.1							12	12			
/ 71				.1	1.4	1.1	.5	.1										26	26			
/ 69		.1	1.4	.9	1.8	1.8	.5	.6										58	58			
6 / 67		.4	1.5	1.7	1.8	2.1	.9	.7	.2									76	76	4		
6 / 65		.6	3.0	3.4	2.7	1.7	.4	.7										102	103	19	6	
4 / 63		2.3	5.4	8.7	4.6	2.2	1.7	.4	.1									201	202	43	13	
/ 61		2.1	5.2	5.4	2.8	1.6	.5											143	143	115	25	
/ 59	.1	3.0	4.9	4.2	1.4	.2	.5											116	116	130	70	
/ 57		1.5	2.0	2.0	.4	.1												48	48	183	84	
5 / 55		.2	.6	.9	.4													17	17	149	126	
4 / 53			.5	.1														5	5	94	132	
2 / 51			.1															1	1	48	98	
5 / 49																				22	77	
/ 47																				6	61	
4 / 45																					51	
4 / 43																					26	
2 / 41																					11	
4 / 39																					19	
3 / 37																					5	
/ 35																					2	
2 / 31																					1	
TOTAL	.1	10	224	527	417	211	2	5.2	3.0	.6	.4	.2									813	813
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3988758	55846	68.713	7.10	813	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3375200	51792	63.5	4.132	813			20.5	2.3			93										
Wet Bulb	2697203	46731	57.5	3.700	813			.5				93										
Dew Point	2270498	42716	52.5	5.675	813			.1				93										

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167167 HELLONIKON AB GR 73-81 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 0100-0500
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
7 / 77							.1		.1									2	2																	
6 / 75							.4											3	3																	
4 / 73					.1		.4	.1	.1									7	7																	
7 / 71			.1	.2	.4		.2	.5	.2	.1								15	15																	
7 / 69			.1	.1	.6	1.5	.1	.4										24	24																	
6 / 67			1.3	.6	2.2	1.2	.1	.2										47	47	1																
6 / 65		.2	1.3	2.7	1.8	.6	.9	.1										63	63	11																
4 / 63		2.2	5.1	7.0	2.9	2.3	1.5	.4										175	175	20	8															
2 / 61		2.2	7.2	4.4	3.2	.7	.2											147	147	81	21															
7 / 59	.2	5.1	7.2	7.1	3.3	1.3	.4											202	202	115	53															
5 / 57		2.7	2.8	2.4	1.2	.4												78	78	179	91															
5 / 55		.6	1.1	1.6	.7													33	33	162	103															
4 / 53		.6	.9	1.0														20	20	116	137															
2 / 51			.1															1	1	72	105															
5 / 49																				48	69															
6 / 47																				12	60															
4 / 45																					84															
4 / 43																					32															
2 / 41																					31															
4 / 39																					11															
3 / 37																					7															
3 / 35																					2															
3 / 33																					2															
2 / 31																					1															
TOTAL	.2	13.7	27.4	27.2	16.5	8.1	3.9	1.6	.7	.5	.1							817	817	817	817															

Element (X)	ΣX'	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	ΣX'	ΣX	X	σ _x	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3139674	50532	61.9	4.177	817			11.2	1.4			93
Wet Bulb	2672119	46007	56.3	3.732	817			.1				93
Dew Point	2209371	42245	51.7	5.534	817					.1		93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR 73-81 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 7620-0800
 HOURS 11, 3, 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72									.1									1	1						
77								.1		.1	.1							3	3						
75					.1	.1	.2				.1							12	12						
73				.1	1.1	1.1	.5	.5	.4									26	26						
71			.4	1.0	.9	.5	.1	.4	.1									27	27						
69		.1	.4	1.1	2.6	1.7	.6	.7	.2	.1								62	62						
67			.6	1.5	4.6	1.4	.5	.7	.1	.1								77	78	3					
65		.2	1.9	4.1	2.7	1.0	2.2	.1										99	99	9	1				
63		1.5	3.6	11.0	5.8	3.0	.5		.1									206	207	62	3				
61	.1	.9	3.6	5.2	4.1	.7	.4											121	121	115	21				
59	.1	2.5	4.7	4.4	3.7	.7	.2											121	122	123	78				
57		1.3	.7	1.7	.1													29	29	175	91				
55		.5	.6	1.4														70	70	147	120				
53		.1	.1	.4														5	5	98	125				
51	.1																	1	1	54	98				
49																				21	51				
47																				3	63				
45																					93				
43																					28				
41																					19				
39																					9				
37																					5				
35																					1				
33																					3				
31																					1				
TOTAL	.4	6.8	15.4	31.2	24.1	10.6	6.3	2.6	1.5	.9	.2							810	813	810	810				

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3703776	53748	66.4	13.029	810	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	3357847	52119	64.1	4.529	813			23.9	4.8	.1		93
Wet Bulb	2684964	46547	57.5	3.675	810			.3				93
Dew Point	2225899	42235	52.1	5.411	810		.1					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1613 STATION HELLENIKON AB GR STATION NAME

73-81 YEARS

YEARS

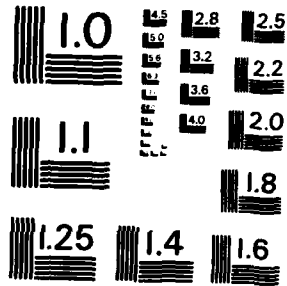
MAY MONTH

PAGE 1 0500-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point														
6 / 85																		17	1														
7 / 79							.1	.1	.7	.4	.5	.1	.1					15	15														
7 / 77						1.1	1.0	.6	.4	.2	.4	.4						33	33														
6 / 75				.1	.7	1.3	1.2	.6	.6	.5								42	42														
4 / 73				.7	1.7	3.5	1.7	.7	.9	.6	.2							84	85														
7 / 71			.1	.9	3.5	4.0	2.3	1.3	1.1	.1	.1							111	111														
7 / 69			.2	2.2	6.1	4.6	1.1	1.2	.4	.1								131	131														
6 / 67			.4	2.4	5.1	3.2	1.3	.5										106	106														
6 / 65		.1	2.1	3.8	5.5	1.8	1.7	.6										122	123														
4 / 63		.6	2.1	3.9	4.3	3.0	.5											118	118														
7 / 61		.2	1.7	1.1	1.2	.4												30	30														
7 / 59		.2	.9	.2	.1	.1												13	13														
7 / 57																			116														
5 / 55																			88														
4 / 53																			30														
2 / 51																			12														
5 / 49																																	
7 / 47																																	
4 / 45																																	
4 / 43																																	
2 / 41																																	
4 / 39																																	
3 / 37																																	
7 / 35																																	
3 / 33																																	
2 / 31																																	
TOTAL		1.2	6.7	15.5	28.0	23.2	10.3	6.6	4.3	1.8	1.8	.5	.1				822	825															
																			822														

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

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	2985211	48393	58.9	12.680	822							
Dry Bulb	3769657	57199	69.2	4.646	825			61.0	21.8	2.8		93
Wet Bulb	2491745	49575	67.2	3.543	822			3.6				93
Dew Point	2392917	44702	53.5	5.784	822		.2	.1				93



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GP STATION NAME 73-81 YEARS MAY MONTH

PAGE 1 1200-1400 HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																						
6 / 87										.4	.2		.1	.1																			2	2									
6 / 85													.1	.1																				7	7								
4 / 83										.1	.1	.1	.1	.1	.4	.1	.2																		11	11							
7 / 81										.1	.2	.2	1.1	.6	.6	.5	.5	.2																	34	35							
7 / 79										.1	.5	1.1	.5	.6	.2	.6	.2																		32	32							
7 / 77										.5	1.4	2.6	2.0	1.9	.4	.6	.6	.1																	81	81							
6 / 75					.1	1.1	2.3	3.6	2.0	1.0	.4	.1																							86	86							
4 / 73					.2	2.1	4.9	3.0	1.1	.4	.1																									96	96						
7 / 71			.1		5.7	3.3	2.7	1.9	.6	.1																										117	117	2					
7 / 69			.2	2.6	5.2	5.7	2.5	.5																												135	137	10					
6 / 67			.4	.7	5.4	4.2	.9	.2																											96	98	41						
6 / 65			.5	2.1	2.8	1.2	.5																												57	58	86	5					
4 / 63		.1	1.4	1.1	1.5	.7	.1																												40	40	181	19					
7 / 61		.2	.4	.2			.4	.1																												11	11	179	42				
7 / 59		.5					.1																													5	5	157	139				
7 / 57																																							108	133			
5 / 55																																							33	89			
4 / 53																																						8	106				
2 / 51																																					5	94					
5 / 49																																							49				
7 / 47																																							40				
4 / 45																																							41				
4 / 43																																							13				
2 / 41																																							9				
4 / 39																																							11				
3 / 37																																							10				
7 / 35																																							3				
3 / 33																																							3				
2 / 31																																							4				
TOTAL		.9	3.0	7.0	24.3	24.6	16.8	9.1	5.6	2.7	2.0	2.1	1.2	.7																								816	810	910			
																																								810	810		

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	2570745	44363	54.8	13.203	810			80.0	39.9	7.3		93
Wet Bulb	4245459	58715	72.0	5.033	810			6.1				93
Dew Point	3074321	49829	61.5	3.333	810							93
	2382642	43670	53.9	5.900	810							93

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 STATION HELLENIKON AB GR 73-81 YEARS MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
8 / 87											.1		.2	.1			4	4		
6 / 85									.1	.2			.1				4	4		
4 / 83								.2	.1	.9	.5	.2	.2				16	18		
/ 81						.1	1.2	.7	.6	1.1	.4	.5					38	38		
/ 79					.6	.1	1.7	1.0	.4	.1	.2	.2					36	36		
7 / 77				.5	1.4	2.9	1.2	1.6	1.0	.7	.5						79	87		
6 / 75			.2	.6	2.0	3.2	1.4	1.6	.1	.4							77	78		
4 / 73			.7	1.5	2.5	2.7	1.7	.6	.2	.4							84	85		
/ 71			1.0	4.2	3.7	2.6	1.6	.4	.2	.1							112	112		
/ 69		.2	2.2	3.6	5.6	3.1	.5	.1									124	125	18	
6 / 67		.5	2.7	5.6	2.6	.9	.1	.									95	95	42	
6 / 65		1.1	1.9	3.4	.7	.7											62	62	81	5
4 / 63	.1	.7	1.5	1.2	.9	.1		.4									40	40	174	32
/ 61	.2	.4	.9	.4	.4												18	18	156	41
/ 59	.2	.5	.2	.1	.1												13	10	170	132
/ 57		.5															4	4	100	84
5 / 55																			35	104
4 / 53																			23	108
2 / 51																			3	85
5 / 49																			2	51
/ 47																			1	53
4 / 45																				51
4 / 43																				15
2 / 41																				14
4 / 39																				8
3 / 37																				8
/ 35																				6
3 / 33																				4
2 / 31																				2
/ 29																				2
TOTAL	.3	.9	3.6	10.6	21.1	20.4	16.5	9.6	6.8	2.9	4.0	1.7	1.1	.5	.1		805	809	805	805

Element (X)	Z _x '	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2561537	43917	54.6	14.353	805							
Dry Bulb	4211573	58131	71.9	5.514	809			77.6	39.4	7.9		93
Wet Bulb	3336003	49353	61.3	3.573	805			6.9				93
Dew Point	2339542	43110	53.6	6.198	805			.5				93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR 73-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1600-2000
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 85										.2	.1							3	3																
6 / 83									.1	.1								2	2																
7 / 81							.1	.1	.7	.5	.2	.2						16	16																
7 / 79							.1	.5	.5	.5	.2							17	17																
7 / 77					.1	.5	.9	.7	.9	.7	.5	.1	.1					37	37																
6 / 75				.1	.5	1.2	.9	1.8	.2	.2								41	41																
4 / 73			.1	1.0	.7	2.0	2.0	1.0	1.1	.7	.1							71	71																
7 / 71				1.5	2.7	2.7	2.0	1.6	.7	.5	.2	.1						98	99																
7 / 69			1.0	2.0	3.2	3.2	1.6	1.0	.4	.5	.1							105	106	3															
6 / 67			.7	1.8	4.8	2.7	1.2	.2	.1									95	95	25	1														
6 / 65			1.2	4.4	5.3	2.7	1.1	.1	.1									116	116	53	5														
4 / 63		.4	2.8	7.5	4.3	2.8	.2											147	147	107	26														
7 / 61			1.5	1.6	1.1	.4												37	38	143	27														
7 / 59	.1	.4	1.0	.7	.4	.1	.1											23	23	163	90														
7 / 57		.2	.5		.1													7	7	173	105														
5 / 55																				88	92														
4 / 53																				46	116														
7 / 51																				10	102														
5 / 49																				3	72														
7 / 47																				1	52														
4 / 45																					58														
4 / 43																					23														
2 / 41																					13														
4 / 39																					8														
3 / 37																					13														
7 / 35																					4														
3 / 33																					4														
7 / 29																					1														
2 / 27																					3														
TOTAL	.1	1.0	8.8	20.6	23.2	17.5	10.2	6.7	3.9	4.0	2.6	.9	.4					815	818		815														

USAFETAC FORM AIR 34 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx'	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2988587	47900	58.8	14.593	815			55.9	21.3	3.0		93
Wet Bulb	3884645	56211	68.7	5.189	815			3.2				93
Dew Point	2302412	43028	52.8	6.198	815		.5	.1				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLONIKON AB GR 73-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																						
4 / 93												.1																							2	1							
/ 81											.1																								1	1							
/ 79											.2																								2	2							
7 / 77										.2		.4	.2																						9	9							
6 / 75							.4	.1	.2	.2	.1	.2																							11	11							
4 / 73					.2	.7	1.0	.1	1.1	.2																									28	28							
/ 71			.2	.7	1.2	2.0	.7	.5	.4																										47	47							
/ 69		.2	.9	2.1	1.8	2.8	1.3	.7	.2	.2																									83	84							
6 / 67			1.0	2.8	3.3	3.1	1.6	.7	.6	.2	.2																								111	111	4						
6 / 65		.7	3.2	4.4	2.9	.7	.9	.4	.4																										111	111	25 4						
4 / 63		1.3	4.3	7.7	5.0	4.2	1.7	.6	.1																										222	222	90 18						
/ 61		1.1	3.9	2.8	3.1	.9	.5																												100	100	109 31						
/ 59		2.2	2.5	2.5	1.1	.2																													69	71	144 95						
/ 57		.6	1.0	.2	.1	.2																													18	18	196 77						
5 / 55		.1	.1																																2	2	130 137						
4 / 53						.1																													1	1	84 104						
2 / 51																																					26	84					
5 / 49																																					15	62					
/ 47																																					3	58					
4 / 45																																							63				
4 / 43																																							34				
2 / 41																																							15				
4 / 39																																							11				
3 / 37																																							6				
/ 35																																							9				
3 / 33																																							4				
/ 29																																							1				
2 / 27																																								2			
/ 25																																								1			
TOTAL		6.4	17.0	26.2	18.8	15.2	7.4	3.7	3.3	1.2	.7	.1																											816	819	816		

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

Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb	3578181	52671	64.5	4.794	816			33.4	5.9	.5		93
Wet Bulb	2783104	47562	58.3	3.652	816			.5				93
Dew Point	2280336	42840	52.5	6.191	816		.5					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-16 HELLENIKON AB GR STATION NAME

73-81 YEARS

YEARS

MAY MONTH

PAGE 1

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8 / 87																		6	6		
6 / 85									.1	.1	.0	.0	.0	.0			14	15			
4 / 83							.0	.0	.0	.1	.1	.0	.1				32	32			
2 / 81						.0	.1	.2	.3	.3	.2	.2	.0				106	107			
1 / 79					.1	.1	.5	.3	.3	.1	.1	.1					103	103			
7 / 77				.1	.5	1.0	.6	.6	.3	.3	.2	.0					245	246			
6 / 75			.1	.4	.9	1.3	.9	.4	.1	.2							279	280			
4 / 73		.0	.4	.8	1.9	1.5	.7	.6	.4	.1							408	410			
2 / 71		.1	.6	2.5	2.2	1.4	.9	.5	.2	.1	.0						553	554	2		
1 / 69	.1	.6	1.6	3.1	3.4	1.4	.7	.2	.1	.0							722	727	34		
6 / 67	.7	.8	1.7	4.1	2.6	.9	.4	.2	.0	.0							703	706	149	2	
6 / 65	.2	1.8	3.3	3.4	1.2	1.0	.3	.1									732	735	338	27	
4 / 63	1.1	3.2	6.4	3.7	2.4	.6	.2	.1									1149	1151	818	139	
2 / 61	.9	2.9	2.7	2.1	.7	.2											607	608	1068	252	
1 / 59	.1	1.8	2.6	2.4	1.2	.4	.2										559	562	1159	772	
1 / 57	.8	.9	.8	.2	.1												184	184	1242	785	
5 / 55	.2	.3	.5	.1													72	72	832	896	
4 / 53	.1	.2	.2	.0													31	31	499	923	
2 / 51	.0	.0															3	3	230	760	
5 / 49																			111	481	
1 / 47																			26	424	
4 / 45																				500	
4 / 43																				187	
2 / 41																				135	
4 / 39																				87	
3 / 37																				60	
1 / 35																				35	
3 / 33																				22	
2 / 31																				11	
1 / 29																				4	
3 / 27																				5	
2 / 25																				1	
TOTAL	.1	5.1	13.3	20.7	21.7	16.3	9.6	5.3	3.3	1.8	1.5	.7	.4	.2	.0		6508	6532	6508	6508	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	26599478	404526	62.2	14.953	6508	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	29632607	438239	67.1	5.943	6532			362.9	136.6	21.5		744									
Wet Bulb	22784521	384179	59.0	4.031	6508			21.1				744									
Dew Point	18393610	343846	52.8	5.903	6508		2.4	.2				744									

USAFETAC FORM 0-26-5 (OL A) REVERSE NUMERICAL SETTINGS OF THESE THERMISTORS ARE CORRECT

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR 73-81 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	O.B.W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 83										.1								1	1																
7 / 79					.3	.4	.8	1.1	.4	.5	.5							4	4																
7 / 77			.1	.4	.3	.9	3.2	1.3	1.5	.6								65	65																
6 / 75			.1	.6	1.1	1.9	3.3	1.8	.9	.4								83	83																
4 / 73		.3	.4	3.3	3.1	4.1	2.4	1.1	1.0									123	123	1															
7 / 71		.5	3.1	3.8	5.4	3.4	2.7	1.5	.5		.3							166	166	10	2														
7 / 69		.1	3.8	2.4	3.6	2.7	1.7	.5	.1	.1								113	113	25	9														
6 / 67			2.6	2.2	3.7	1.7	.9	.5	.1	.1								87	87	96	19														
6 / 65		.9	1.1	2.7	1.8	.4	.5	.1	.3									61	61	131	35														
4 / 63		.6	1.3	1.1	.8	.3		.1										33	33	171	91														
7 / 61		.3	.9	.6														14	14	143	76														
7 / 59		.1	.3															3	3	110	106														
7 / 57																				59	107														
5 / 55																				25	89														
4 / 53																				6	80														
2 / 51																				5	52														
5 / 49																				2	40														
4 / 47																					22														
4 / 45																					28														
4 / 43																					10														
2 / 41																					8														
4 / 39																					1														
3 / 37																					1														
7 / 35																					3														
3 / 33																					1														
2 / 31																					3														
7 / 29																					1														
TOTAL		2.8	13.6	17.2	19.8	15.1	15.3	8.5	4.8	1.9	.9							784	784	784	784														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	3144836	48334	61.7	14.517	784	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	406075	55945	71.4	4.218	784			77.3	35.2	1.7		90																							
Wet Bulb	3102995	49235	62.8	3.757	784			15.2	.1			90																							
Dew Point	2558829	44515	56.8	6.322	784		.5	3.4				90																							

USAFETAC FORM 0-26-5 (O/LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1675 HELLINIKON AB GR 73-81 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 31						.1	.1											2	2																
7 / 79						.3	.1		.1									4	4																
7 / 77					.1	.4	1.0	1.3	.8	.4								31	31																
6 / 75			.4	.1	.8	1.6	2.5	1.3	1.0	.1								63	60																
4 / 73		.1	.3	1.7	1.7	3.1	2.6	.9	.8									86	86	1															
7 / 71		.9	1.3	2.7	4.8	4.2	1.7	.6										125	125	8															
7 / 69			4.7	2.1	4.4	2.3	1.7	.6	.4									125	125	10	8														
6 / 67			3.9	1.6	4.2	3.2	1.6	.5										115	115	43	6														
6 / 65		1.7	3.4	3.6	2.9	.8	.6	.3										97	97	111	13														
4 / 63		1.6	2.6	3.2	2.1	1.6	.3	.3										89	89	168	92														
7 / 61		.3	.6	1.7	.5													19	19	146	86														
7 / 59		.5	1.3	.4														17	17	122	125														
7 / 57																				89	98														
5 / 55																				50	100														
4 / 53																				18	73														
2 / 51																				2	65														
5 / 47																				2	36														
7 / 47																					37														
4 / 45																					32														
4 / 43																					8														
2 / 41																					6														
4 / 39																					2														
3 / 37																					1														
2 / 35																					2														
TOTAL		4.4	18.4	16.5	21.4	17.5	12.2	5.8	3.1	.5								770	770	770	770														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3395170	49640	64.5	13.727	770			64.1	21.0	.4		90
Wet Bulb	2939334	47480	61.7	3.717	770			7.2	.1			90
Dew Point	2460374	43300	56.2	5.753	770			1.6				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR 73-81 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 2600-2800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.W.B. Dry Bulb	Wet Bulb Dew Point																
4 / 23						.1												1	1																
/ 81				.1	.1	.1	.5	.6	.5	.3	.1	.1						20	20																
/ 79				.3	.3	1.4	1.0	1.1	.8	.3	.1							41	41																
7 / 77				.1	1.0	1.8	2.5	2.3	1.3	.6								76	77																
6 / 75			.4	1.0	2.3	4.4	4.5	1.4	.9	.4								121	121	1															
4 / 73				2.3	2.8	4.3	3.5	1.6	.5		.1							120	120	4															
/ 71			1.1	2.5	5.4	3.3	2.2	1.1	.3	.1								127	127	8	1														
/ 69		.1	1.4	2.7	3.3	2.9	1.8	.8	.1									103	104	33	7														
6 / 67			1.3	1.4	2.3	1.6	.4	.6										60	60	76	7														
6 / 65		.5	1.4	2.8	1.4	.9	.3	.3										59	59	137	16														
4 / 63	.1	.4	1.3	1.6	1.5	.5	.1	.1										45	45	190	89														
/ 61		.3	.5	.6														11	11	132	82														
/ 59			.6	.1														6	6	98	146														
/ 57																				71	135														
5 / 55																				29	89														
4 / 53																				10	79														
2 / 51																				1	58														
5 / 49																					36														
/ 47																					30														
4 / 45																					22														
4 / 43																					15														
2 / 41																					5														
4 / 39																					1														
3 / 37																					1														
3 / 33																					1														
TOTAL	.1	1.3	9.0	15.6	20.4	21.4	16.8	10.0	4.3	1.6	.4	.1						790	792	790	790														

USAFETAC FORM 0-26-5 (OL A) REVISION 1-58 EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4116840	56918	71.9	4.548	792			76.3	43.2	3.3		90
Wet Bulb	3130281	49641	62.8	3.735	790			13.9	.6			90
Dew Point	2559062	44742	56.6	5.638	790			1.7				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16715 STATION HELLENIXON AB GR STATION NAME 73-81 YEARS JUN MONTH

PAGE 1 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
90																																1	1					
87								.1	.1	.3	.3	.5	.5																			14	14					
85								.1	.3	.3	.5	.6	.9																				21	21				
83								.3	.4	.9	.6	1.2	1.3	.8	.1																		43	43				
81								.8	5.7	3.1	3.6	1.5	1.3	.9																			131	131				
77						.5	5.0	3.1	1.8	1.8	.9	1.0	.5																				114	115				
77				.6	3.1	4.1	5.9	2.3	1.9	1.2	.4	.4																					154	154				
75				.3	3.1	4.2	2.4	1.4	.9	.4																							103	103				
73				1.9	2.6	3.7	1.5	.9	1.2																									88	88	9		
72			.4	1.7	2.4	2.1	.8	.5	.1																									57	57	27		
69				.4	1.4	.8	.3																											22	22	127	4	
67					.3	.6	.6			.1																								13	13	153	17	
65			.3	.4	.3																													7	7	156	28	
63			.3		.3																													4	4	126	156	
61																																				92	73	
59			.1	.3																														3	3	49	134	
57		.3	.1																															3	3	26	86	
55																																				9	68	
53																																			2	47		
51																																					47	
40																																					33	
47																																					24	
45																																					26	
43																																					12	
41																																					13	
35																																					1	
37																																					4	
35																																					2	
33																																					1	
TOTAL		.3	1.2	5.7	14.5	20.8	20.1	11.3	10.7	5.9	4.9	4.0	.8																						778	778		778

Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2239657	40499	52.1	13.008	778							
Dry Bulb	4660774	60136	77.2	4.875	778			88.0	77.4	28.4		90
Wet Bulb	3321782	50754	65.2	3.723	778			36.6	1.0			90
Dew Point	2592636	44634	57.4	6.915	778			2.9				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167100 HELLONIKON AB GR 73-81 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																			
6 / 95														.1																			1	1						
6 / 93														.1																					4	4				
7 / 91									.3	.1	.4		.1	.1	.4	.1																		12	12					
7 / 89									.1	.3	.5	1.6	.4	.3	.1																				25	25				
8 / 87							.4	.1	.6	.4	1.0	1.6	1.2	.4																					44	44				
6 / 85							.4	.8	1.6	.8	.8	1.7	.8																						52	52				
4 / 83							.5	2.2	2.2	1.4	1.4	.6	.1	.3																					68	68				
7 / 81					.1	1.0	8.5	5.9	3.5	1.4	1.6	1.2	.8																						186	186				
7 / 79				.1	.4	3.2	4.0	2.7	1.6	.5	.6	.6	.1	.1																					109	111				
7 / 77				.3	2.5	2.8	7.0	1.9	1.4		.1	.3																							126	127	2			
6 / 75					2.1	3.4	1.9	1.2	.1																										67	68	5			
4 / 73				.5	1.7	1.8	.8	.4																											42	42	13	1		
7 / 71			.1		.3	.6	.8																												14	14	52	1		
7 / 69				.1	.1	1.0																													10	10	162	5		
6 / 67					.5	.1																													5	5	172	12		
6 / 65			.4	.1	.1																														5	5	163	41		
4 / 63			.3			.1																													3	3	82	127		
7 / 61							.1																													3	3	73	106	
7 / 59		.1	.1	.1																																3	3	32	151	
7 / 57																																						12	67	
5 / 55																																						5	58	
4 / 53																																					1	52		
7 / 51																																							46	
5 / 49																																						24		
4 / 47																																						23		
4 / 45																																						14		
4 / 43																																						11		
2 / 41																																						14		
4 / 39																																						7		
3 / 37																																						4		
3 / 35																																						3		
34 / 33																																						5		
7 / 29																																						1		
26 / 25																																						1		
Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																													
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 48 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16160 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS JUN MONTH

PAGE 7 1200-1400 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B. Dry Bulb	Wet Bulb Dew Point														
TOTAL		.1	.9	1.3	7.8	14.2	24.3	15.4	11.2	4.9	6.5	7.6	3.5	1.3	.6	.4	774	778	774														
Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.	1889135	36877	47.6	13.075	774	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																						
Dry Bulb	5026128	62432	80.2	5.196	774			88.7	85.4	50.1	.6	90																					
Wet Bulb	3418812	51364	66.4	3.634	774			47.2	2.3			90																					
Dew Point	2591868	44972	57.5	6.883	774		.2	2.2	.1			90																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIKON AB GR STATION STATION NAME

73-61 YEARS

JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B. Dry Bulb	Wet Bulb	Dew Point															
7 / 92											.4																	.1	.3	.1	7	7			
7 / 91									.1		.1	.5	.1	.5	.4	.3															17	17			
7 / 89								.1	.3	.1	.1	1.4	.5	.4	.1															24	24				
6 / 87										1.0	.8	1.9	1.9	.9	.3	.3														54	54				
6 / 85									.1	.5	1.3	1.9	1.3	1.7	.4	.1	.1													58	58				
6 / 83								.5	1.0	1.9	1.8	2.1	1.7	.5	.4	.1	.1													79	79				
7 / 81						.1	1.2	7.1	5.8	4.3	1.9	1.0	1.7	.9																186	186				
7 / 79					.1	.6	3.4	2.5	2.5	1.4	.9	.4	.4	.3																96	96				
7 / 77					.1	1.3	2.5	4.8	2.7	1.9	.3	.1	.1																	111	114		1		
6 / 75						2.7	3.0	1.4	.8	.5																				65	66		5		
4 / 73					.3	1.4	1.6	.4	.1																					29	39	16	1		
7 / 71					.1	1.2	1.2	.4																						22	22	54	1		
7 / 69						.1	.6	.1																						9	9	157	11		
6 / 67			.1			.4	.3																							6	6	149	17		
6 / 65																															170	39			
4 / 63			.1	.4		.1																								5	5	105	113		
7 / 61					.3																									2	2	55	103		
7 / 59																															38	122			
7 / 57																															14	72			
5 / 55																															6		71		
4 / 53																																	52		
2 / 51																																	46		
5 / 49																																	29		
7 / 47																																	24		
4 / 45																																	13		
4 / 43																																	17		
2 / 41																																	10		
4 / 39																																	8		
3 / 37																																	2		
7 / 35																																	7		
3 / 33																																	6		
2 / 31																																	1		
7 / 27																																	2		
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 00 STATION HELLEVIKON AB GS STATION NAME 73-81 YEARS JUN MONTH PAGE 2 1500-1700 HOURS . S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point													
TOTAL		.1	.3	1.3	3.4	4.4	4.1	2.1	1.4	0.7	1.2	0.6	7.9	7.1	8.2	3.5	1.6	1.0	.6	.1	770	774	770										

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1789696	35654	46.3	13.434	770							
Dry Bulb	562593	62465	80.7	5.263	774			89.2	84.9	53.8	.8	90
Wet Bulb	3397305	51369	66.3	3.648	770			48.6	2.6			90
Dew Point	2540265	43883	57.3	7.152	770			4	2.7	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLNIKON AB GR 73-81 JUN
 STATION STATION NAME YEARS MONTH

PAGE 1 1870-2000
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																							
1 / 93														.1																			1	1										
1 / 91														.1														.1						2	2									
1 / 89														.1	.1	.3										.5		.1						9	9									
8 / 87														.1	.3	.8	.6	.1	.3																17	17								
6 / 85														.3	.3	.6	.4	.6	.9	.9																31	31							
4 / 83														.1	.5	1.2	1.4	1.4	1.3	.1	.3															49	49							
1 / 81									.1	.8	2.4	3.1	4.4	2.3	2.2	.8	.5	.3																			131	131						
1 / 79					.1	.5	2.3	3.1	3.5	1.9	.8	.9	.4	.3																							127	127						
7 / 77					.5	1.3	3.2	3.9	3.2	2.3	.6	.8	.5	.1																								132	132					
8 / 75				.1	.3	2.6	3.0	2.6	2.2	.4	.4	.6																										98	98					
4 / 73				.1	1.3	1.8	3.1	2.7	.5	.4					.3																							83	83	12				
1 / 71				.4	1.8	2.3	1.8	.3	.4	.3																												56	56	18	1			
1 / 69				.4	.9	.8	.8	.4																														25	25	89	5			
6 / 67				.1	.4	.8	.1	.1																														12	12	131	11			
6 / 65				.1	.5	.4																																8	8	168	33			
4 / 63			.1	.5	.9	.1																																13	13	153	86			
1 / 61				.1																																		1	1	111	86			
1 / 59				.3																																		2	2	42	119			
1 / 57																																									33	76		
5 / 55																																									17	88		
4 / 53																																									1	83		
2 / 51																																								2	46			
5 / 49																																											38	
1 / 47																																											17	
4 / 45																																											27	
4 / 43																																											18	
2 / 41																																											16	
4 / 39																																											5	
3 / 37																																											9	
1 / 35																																											2	
3 / 33																																											2	
2 / 31																																											5	
2 / 27																																											4	
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_a	No. Obs.	Mean No. of Hours with Temperature						Total																																
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																																	
Dry Bulb																																												
Wet Bulb																																												
Dew Point																																												

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS G.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
6 / 85								.1																										1	1				
5 / 83								.1	.3																										5	5			
4 / 81					.1		.3	.8	1.8	1.0	1.4	1.6																							58	58			
3 / 79						.1	1.6	1.3	2.8	1.6	1.0	1.0																							77	77			
7 / 77				.1	.6	.8	2.7	2.0	3.0	3.2	.9	.6																							111	112			
5 / 75		.1	.4	1.6	2.7	2.4	3.8	2.0		.4	.4	.1																							134	134		1	
4 / 73			.1	4.4	2.3	2.9	3.3	1.7		.5	.4																								118	118		3	
3 / 71				1.4	3.5	5.8	2.3	3.7	1.7		.4	.3																							149	149		11	
2 / 69				1.8	2.7	1.3	1.3	.4	.4	.1	.3																								59	60		47	
1 / 67				1.1	1.5	2.2	1.1	.3	.1	.1	.3																								53	53		126	
6 / 65		.3	1.4	1.5	.4	.1		.1																											30	30		133	
4 / 63			.3	.9	.1																														10	10		169	
3 / 61			.4	.9																															10	10		147	
2 / 59			.3	.3																															4	4		81	
1 / 57																																						44	
5 / 55																																						14	
4 / 53																																						1	
2 / 51																																						10	
5 / 49																																						2	
1 / 47																																							
4 / 45																																							
2 / 43																																							
4 / 41																																							
4 / 39																																							
3 / 37																																							
2 / 35																																							
3 / 33																																							
2 / 27																																							
2 / 23																																							
TOTAL		1.0	7.7	16.3	15.6	14.7	14.4	12.4	7.5	5.1	3.4	1.5	.3																							789	791		789

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2741524	44880	56.9	15.473	789	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4316875	58319	73.7	4.655	791			83.9	54.7	10.3		90
Wet Bulb	3126833	50133	63.5	3.801	789			21.4	.5			90
Dew Point	2553983	44547	56.5	7.022	789		.7	2.1				90

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167 50 HELLENIKON AB GR 73-81 JUN
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS L. S. T. I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B	W.B	Dry Bulb	Wet Bulb	Dew Point																
6 / 95																																	1	1				
7 / 89											.1	.1																	.1				12	12				
8 / 87											.1	.1																						31	31			
9 / 85											.1	.1																						59	59			
10 / 83										.1	.3	.7	.7	.8	.7	.4	.1	.1																	246	246		
11 / 81						.1	.1	.5	1.1	2.6	2.2	1.1	1.0	.6	.3	.0																		718	718			
12 / 79					.1	.3	2.2	2.0	1.9	1.2	.6	.6	.3	.1	.0																			579	582			
13 / 77			.2	.3	1.4	2.3	3.8	2.3	1.8	.6	.7	.2	.0																					826	812	3		
14 / 75		.2	.6	2.2	3.0	2.8	1.5	.6	.3	.1	.0	.0																						751	733	12		
15 / 73		.1	2.3	2.2	3.0	2.2	.8	.5	.0	.0	.0																							687	687	59	2	
16 / 71		.2	1.7	2.0	3.5	2.4	1.6	.7	.2	.0	.0	.1																						716	716	188	9	
17 / 69		.0	1.5	1.3	1.9	1.6	.7	.3	.1	.0	.0																							466	468	650	55	
18 / 67		.0	1.1	.9	1.8	1.7	.4	.2	.0	.0																								351	351	946	91	
19 / 65		.3	1.2	1.5	.9	.3	.2	.1	.0																									267	267	1169	233	
20 / 63		.3	.8	1.7	.6	.3	.0	.1																										202	252	1164	872	
21 / 61		.1	.4	.3	.1																													57	57	899	686	
22 / 59		.1	.4	.1																														38	38	572	1010	
23 / 57		.1	.2																															3	3	350	693	
24 / 55																																					155	649
25 / 53																																				39	550	
26 / 51																																				20	407	
27 / 49																																				6	278	
28 / 47																																					197	
29 / 45																																					191	
30 / 43																																					105	
31 / 41																																					81	
32 / 39																																					35	
33 / 37																																					23	
34 / 35																																					21	
35 / 33																																					20	
36 / 31																																					9	
37 / 29																																					2	
Element (X)	Σx^2	Σx	\bar{x}	σ_n	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM NO. 12-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167150 HELLENIKON AB GP 73-81
 STATION STATION NAME YEARS
 JULY MONTH
 PAGE 2 ALL HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point														
7 / 27																				10													
7 / 25																				1													
7 / 23																				2													
TOTAL	1.3	5.5	10.3	14.9	16.7	17.1	11.5	8.2	4.3	3.8	3.3	1.3	.5	.2	.1	.0			6245	6232													
																			6232	6232													

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

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3558.960	469772	75.2	6.238	6245			654.6	477.7	179.0	1.5	720
Wet Bulb	2576759	399932	64.2	4.353	6232			214.7	8.5			720
Dew Point	20328839	353559	56.7	6.588	6232	2.8	18.1	.2				720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 STATION HELLENIKON AB GR 73-81 YEARS JUL MONTH
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																	
67 / 93																		.3															2	2				
7 / 91																																			1	1		
8 / 89																																			1	1		
8 / 87																																			2	2		
6 / 85											.1							.3	1.3	.4														21	21			
4 / 83										.1	.1	1.0	.6	.9	1.0	.4																		33	33			
7 / 81					.1	.5	.1	2.2	1.5	1.8	1.0	.8																						64	64			
7 / 79				.1	.5	.8	3.4	1.9	2.9	1.2	1.1	.4																						113	113			
7 / 77				.5	1.9	4.3	2.5	3.0	2.7	2.7	.9	.3																						149	150			
6 / 75			.1	.9	1.2	2.2	1.9	5.5	3.3	2.4																								183	183	2	1	
4 / 73			.1	1.7	2.7	2.8	2.9	2.8	1.5	.5	.1																							114	115	21	1	
7 / 71				1.9	1.3	2.7	1.4	1.2	.5	.5																								73	73	45	14	
7 / 69				.3	.5	1.1	.6	.1	.5																									25	25	141	32	
6 / 67				.1		.1	.3	.3																										6	6	122	39	
6 / 65			.1	.1																														2	2	143	72	
4 / 63																																					145	93
7 / 61																																				176	77	
7 / 59																																				45	87	
7 / 57																																				11	81	
5 / 55																																			7	74		
4 / 53																																					69	
2 / 51																																					34	
5 / 49																																					35	
7 / 47																																					31	
4 / 45																																					24	
4 / 43																																					5	
2 / 41																																					5	
4 / 39																																					1	
TOTAL		.4	4.9	10.9	15.5	15.4	17.0	14.0	11.9	5.3	2.9	1.6	.1																						788	791	788	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2550634	43394	55.114	2.93	788	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4660086	60634	76.7	3.929	791			92.8	80.5	19.9	.2	93
Wet Bulb	3409186	51746	65.7	3.765	788			39.1	2.7			93
Dew Point	2730842	46092	58.5	6.651	788			10.3	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLINIKON AB GR 73-81 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																						
/ 91																																		1	1								
6/ 87																																		1	1								
6/ 80																																		3	3								
4/ 83																																			10	10							
/ 81																																			52	52							
/ 79																																			67	68							
7/ 77																																				119	119						
6/ 75																																				153	153						
4/ 73																																				165	165		5				
/ 71																																				112	112		27				
/ 69																																				67	68		70				
6/ 67																																				26	26		125				
6/ 65																																				8	9		146				
4/ 63																																				1	1		170				
/ 61																																						150					
/ 59																																							59				
/ 57																																							71				
5/ 55																																							8				
4/ 53																																							3				
2/ 51																																							1				
5/ 49																																								49			
/ 47																																								31			
4/ 45																																								15			
4/ 43																																								8			
2/ 41																																							4				
4/ 39																																							2				
TOTAL			.4	4.6	13.3	17.1	17.7	18.6	14.2	9.6	2.9	.9	.6																											784	788	784	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2659521	44443	56.7	13.331	784	≤ 0 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4404013	58831	74.7	3.867	788			91.8	67.5	11.4		93
Wet Bulb	3264116	50510	64.4	3.548	784			26.9	.6			93
Dew Point	2629628	45156	57.6	6.063	784			4.9				93

USAFETAC FORM AIR 44 0-26-5 (Q1A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
89									.1							.1		2	2																
87										.3						.4		5	5																
85							.1	.3			.8	.5						13	13																
83							.1	.1	.6	1.1	.8	.1						23	23																
81					.1	1.4	2.7	4.2	3.2	1.9	.6							111	111																
79				.1	.8	4.2	2.9	2.6	2.8	1.4	.3							118	118																
77			.3	.4	2.6	5.0	6.4	3.8	3.6	.5	.3							178	178																
75			.1	1.9	3.4	2.9	5.2	1.9	.2	.1								130	131																
73	.1	.3	1.3	1.8	3.2	3.8	1.7	.4	.1									94	94	14															
71	.1	.1	.6	2.2	2.3	2.6	.8	.3										70	70	25	2														
69		.5	.5	.8	1.1	.5	.4											30	30	110	5														
67			.1	.1	.1	.1												4	4	144	30														
65			.4	.1	.1	.1												5	5	152	35														
63																				168	98														
61																				110	99														
59																				40	114														
57																				14	87														
55																				5	80														
53																				1	76														
51																					65														
49																					40														
47																					27														
45																					16														
43																					4														
41																					4														
39																					1														
TOTAL	.3	1.3	5.4	11.9	20.3	24.6	15.1	11.9	5.5	2.7	.8	.4						783	784	783															

Element (X)	Σx'	Σx	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2276.331	41227	52.7	11.605	783							
Dry Bulb	4642364	63246	76.8	4.043	784			92.4	30.1	23.1		93
Wet Bulb	3342465	51085	65.2	3.493	783			34.8	1.7			93
Dew Point	2627599	45137	57.6	5.724	783			4.4				93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS JUL MONTH
 PAGE 1 0900-1100 HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																		
1 / 97																			.1			1	1																	
4 / 95																.1	.4	.4	.3	.1			12	12																
1 / 93												.4	.5	.3	.3	.3						13	13																	
1 / 91																.6	.5					21	21																	
1 / 89									.1					1.2	.9	1.0	.1	.1				28	28																	
6 / 87								.4	.6	.8	.9	1.8	1.7	.4	.1							52	52																	
6 / 85							.4	.8	.6	1.6	1.7	2.6	.6	.4								67	68																	
4 / 83						.3	1.6	2.5	3.6	2.2	2.6	1.2	.8	.3								117	117																	
1 / 81						1.0	3.8	7.6	5.8	6.1	2.8	1.9	.9	.3								234	234																	
1 / 79						1.2	3.4	3.1	3.6	2.2	.9	.1	.3									114	115																	
7 / 77				.4	1.3	3.9	2.1	1.9	1.4	.8												91	91																	
6 / 75							.8	.4	.8	.3												17	17																	
4 / 73						.1	.1	.3	.1													5	5																	
1 / 71							.1	.1														2	2																	
1 / 69								.1														1	1																	
4 / 67																																								
6 / 65																																								
4 / 63																																								
1 / 61																																								
1 / 59																																								
1 / 57																																								
5 / 55																																								
4 / 53																																								
2 / 51																																								
5 / 49																																								
1 / 47																																								
4 / 45																																								
4 / 43																																								
2 / 41																																								
4 / 39																																								
3 / 37																																								
2 / 35																																								
TOTAL						.4	3.9	14.4	17.2	17.3	14.7	11.0	8.7	6.7	2.7	1.4	.8	.6	.1			773	775																	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																		
Rel. Hum.	1734770	35424	45.8	12.013	773	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 72 F$	$\leq 80 F$	$\leq 93 F$	Total																												
Dry Bulb	5306774	64056	82.7	4.232	775			93.0	92.6	72.2	2.9	93																												
Wet Bulb	3569993	52461	67.9	3.533	773			61.0	9.1			93																												
Dew Point	2704854	45436	58.8	6.654	773			9.7	.1			93																												

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLONIKON AB GR 73-61 JULI
 STATION STATION NAME YEARS MONTH

PAGE 1 1200-1800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
9 / 9												.1				.1	.5	.3	5	8															
8 / 97											.3	.4		.3	1.1	.4	.5	.5	21	20															
6 / 95											.3	.4	.3	.5	.8	.5			22	22															
7 / 93											.3	1.1	.4	.6	.3	.4	.3		26	26															
7 / 91								.3	.1	.5	1.5	1.4	1.4	.3	.3	.3	.1	48	48																
7 / 89						.1		1.0	1.3	2.2	1.3	2.7	.8	.8		.1		80	87																
8 / 87								1.3	1.1	3.2	1.3	2.8	1.5	1.1	.4	.1	.1	176	106																
6 / 85						1.0	2.3	3.2	2.5	1.4	1.4	.6	.5	.4				105	105																
7 / 83					.1	.8	3.5	5.1	3.3	3.0	.9	.9		.1				147	140																
7 / 81				.1	.1	2.3	5.7	5.2	3.8	1.6	.8							155	155																
7 / 79					.5	2.3	.9	2.3	.5	.1								53	53	2															
7 / 77					.3	.3	.4	.4	.9	.4								22	22	6															
6 / 75				.1	.1	.1		.1	.1									5	5	42	1														
4 / 73								.1										1	1	107	3														
7 / 71																				146	15														
7 / 69																				179	29														
6 / 67																				141	58														
6 / 65																				82	76														
4 / 63																				48	144														
7 / 61																				26	76														
7 / 59																				9	63														
7 / 57																				1	71														
5 / 55																						54													
4 / 53																						52													
2 / 51																						39													
5 / 49																						15													
7 / 47																						23													
4 / 45																						19													
4 / 43																						13													
2 / 41																						7													
4 / 39																						3													
3 / 37																						5													
7 / 35																						1													
2 / 33																						2													
Element (X)	$\Sigma X'$	ΣX	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167160 HELLENIKON AB GR 73-81 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point																		
/ 24																																						2	
TOTAL				3	1	3	6	8	14	7	18	6	15	7	10	8	10	0	8	2	4	7	3	0	2	8	2	2	0	7							789	789	789

Element (X)	$\sum X'$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	1551519	33609	42.6	12.334	789							
Dry Bulb	5838524	67770	85.9	4.715	789			93.0	93.0	88.2	9.3	93
Wet Bulb	3799485	54677	69.3	3.636	789			73.4	18.5			93
Dew Point	2825062	46852	59.4	7.380	789		0.5	12.5	0.5			93

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

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 19 HELLENIKON AB GR STATION NAME

73-81 YEARS

YEARS

JUL MONTH

PAGE 1

1577-1700 HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	De-Point														
1 / 9													.1	.1	.3	.5	.1		9	9															
2 / 97											.1	.4	.3	.5	1.5	.6	.4		37	31															
3 / 95								.1	.1	.9	1.4	1.3	1.7	.6	.1			44	45																
4 / 93								.1	.3	.8	.8	.9	.1	.4				32	31																
5 / 91								.4	1.7	1.0	2.2	1.4	.6	.4	.3	.1		63	63																
6 / 89								.6	1.4	1.9	2.0	2.5	.6	1.0	.1	.3		83	84																
7 / 87							.8	.8	2.4	1.3	2.5	1.7	.4	.5	.4			84	84																
8 / 85							.1	1.3	2.3	1.8	2.9	1.4	1.8	.3		.1		94	94																
9 / 83						.5	1.5	3.3	2.5	2.3	2.2	.9	.8					110	111																
10 / 81						.9	2.2	6.2	5.5	1.8	1.5	1.4	.1					154	155																
11 / 79					1.3	2.7	1.0	1.0	.5	.1								52	53	1															
12 / 77				.1	.8	.6	.4	.6	.8	.1								27	27	4															
13 / 75						.4	.3	.1										6	6	30															
14 / 73																					114	4													
15 / 71																					152	8													
16 / 69																					189	15													
17 / 67																					136	51													
18 / 65																					70	72													
19 / 63																					54	133													
20 / 61																					29	76													
21 / 59																					7	100													
22 / 57																						59													
23 / 55																						47													
24 / 53																						53													
25 / 51																						49													
26 / 49																						20													
27 / 47																						26													
28 / 45																						18													
29 / 43																						7													
30 / 41																						14													
31 / 39																						3													
32 / 37																						3													
33 / 35																						2													
34 / 33																						3													
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16⁰⁰ HELLENIKON AB GR STATION

73-81 YEARS

JUL MONTH

PAGE 7 1500-1700 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																					
72.5																																										
73																																										
74																																										
75																																										
76																																										
77																																										
78																																										
79																																										
80																																										
81																																										
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94																																										
95																																										
96																																										
97																																										
98																																										
99																																										
100																																										
Element (X)	Σ X²	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																														
Rel. Hum.	1511828	32730	41.6	13.302	786	0 F	32 F	67 F	73 F	80 F	93 F	93																														
Dry Bulb	5949423	68561	86.5	5.246	793			93.0	93.0	87.3	13.6	93																														
Wet Bulb	3780650	54442	69.3	3.523	786			74.1	17.6			93																														
Dew Point	2779659	46377	59.1	7.422	786		.2	11.6	.5			93																														

USAFETAC FORM 0-26-5 (OLAI) AIR WEATHER SERVICE/MACTEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLINIKON AB GR 73-81 JUL
STATION STATION NAME YEARS MONTH
PAGE: 1670-2000
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7/ 97															.1		.1	2	2																
6/ 95									.1		.1			.5	.3	.3	.1	11	11																
7/ 93									.4	.4	.4	.5	.4	.3			.1	19	19																
7/ 91									.1	.6	1.3	1.0	.5	.3	.1			31	31																
7/ 89							.1	.1	.4	1.0	2.0	1.1	.6	.3	.3			47	48																
8/ 87							.1	.3	1.1	1.0	1.5	1.3	1.1	.3	.3			55	55																
8/ 85				.1	.1	.1	.4	1.1	1.1	2.0	1.4	1.0	1.0	.1				68	68																
4/ 83				.1	.1	1.0	2.0	2.2	2.4	1.4	.8	.1	.4					83	83																
7/ 81				.8	1.3	2.2	6.6	4.8	4.3	2.9	1.9	.9	.4					205	206																
7/ 79			.3	.8	1.6	4.6	1.9	1.4	1.3	1.1	.5	.3						108	108																
7/ 77				1.3	4.6	2.9	1.9	1.6	.8	.1	.1							105	106	2	1														
6/ 75				.3	1.4	.9	1.3	1.7	.1									39	39	21	2														
4/ 73				.5	.1	.8	.1	.1										13	13	47	5														
7/ 71					.1		.1											2	2	93	14														
7/ 69																				272	26														
6/ 67																				140	37														
6/ 65																				122	62														
4/ 63																				89	130														
2/ 61																				43	75														
7/ 59																				22	93														
7/ 57																				5	56														
5/ 55																				1	67														
4/ 53																					52														
2/ 51																					53														
5/ 49																					25														
7/ 47																					36														
4/ 45																					18														
4/ 43																					12														
2/ 41																					9														
4/ 39																					7														
3/ 37																					5														
3/ 35																					4														
3/ 33																					3														
7/ 23																					1														
Element (X)	Σ X ²	Σ X	X	n	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15⁰ HELLENIKON AB GP STATION NAME

73-81 YEARS

JUL MONTH

PAGE 2 1500-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL		.3	3.7	7.4	11.5	13.5	12.6	11.0	10.7	8.8	8.1	5.3	2.7	1.3	.6	.4	788	791	758	748															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	1540082	36712	46.0	14.954	788	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
Dry Bulb	5423291	65381	82.7	4.924	791			93.0	92.8	66.2	3.8	93																							
Wet Bulb	3022367	53346	67.7	3.729	788			59.7	8.4	.1		93																							
Dew Point	2726156	45948	58.3	7.723	788	.1	10.0	.9				93																							

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

NATIONAL CLIMATOLOGY BRANCH
WAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLONIKON AB GR 73-81 MONTH YEARS
 PAGE 1 2155-2300
 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
98													.3					2	2																
97												.1	.1					2	2																
89								.1	.1	.5	.4	.3	.3	.1				14	14																
87										.3	.9	.3						11	11																
85							.7	.4	.1	.6	.9	1.4	.1					30	30																
83						.1	.1	.5	.4	1.3	.6	1.6	.8	.3				45	45																
81				.4	.9	1.7	3.5	2.8	3.8	2.0	2.9		.3					141	141																
79		.3	1.3	2.2	5.2	1.7	3.3	3.7	1.9	1.6	.4							166	166																
77	.3	.1	1.4	4.6	4.3	4.6	2.9	2.5	1.1	.4								175	175	1	1														
75		.6	2.7	3.3	2.3	1.4	2.3	1.7	.4	.3								112	112	9	1														
73		.4	1.8	1.5	.9	1.9	.4	.4	.1									58	58	29	4														
71		.1	.5	2.7	.3	.1			.3									26	26	61	12														
69		.1	.1	.1	.3													5	5	139	24														
67																				138	51														
65	.1																	1	1	164	57														
63	.1																	1	1	103	113														
61																				95	81														
59																				38	89														
57																				7	57														
55																				5	47														
53																					56														
51																					59														
49																					39														
47																					36														
45																					35														
43																					12														
41																					17														
39																					5														
TOTAL		.5	1.6	8.1	14.7	14.6	14.2	12.5	12.4	7.0	8.5	3.8	1.5	.4	.1				789	789	789														

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

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total		
Rel. Hum.	2271069	40613	51.5	15.137	789	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4903301	62115	78.7	4.096	789			92.8	89.1	36.7	.2	93
Wet Bulb	3480240	52314	66.3	3.837	789			44.4	4.6			93
Dew Point	2717213	45239	58.2	7.339	789			11.0	.7			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 13 HELLENIKON AB GP STATION STATION NAME

73-81 YEARS

JUL MONTH

PAGE 1

ALL HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point															
7 / 9																																			17	17
7 / 97																																			53	54
6 / 95																																			89	90
7 / 93																																			97	91
7 / 91																																			167	167
7 / 89																																			255	257
6 / 87																																			315	316
5 / 85																																			401	402
7 / 83																																			561	562
7 / 81																																			1115	1118
7 / 79																																			791	794
7 / 77																																			862	866
7 / 75																																			645	646
7 / 73																																			452	451
7 / 71																																			285	285
7 / 69																																			123	129
6 / 67																																			36	36
6 / 65																																			15	17
4 / 63																																			2	2
7 / 61																																			599	629
7 / 59																																			237	780
7 / 57																																			51	569
5 / 55																																			26	523
4 / 53																																			4	471
2 / 51																																			1	438
5 / 49																																				254
7 / 47																																				227
4 / 45																																				159
4 / 43																																				70
2 / 41																																				61
4 / 39																																				24
3 / 37																																				15
7 / 35																																				8
3 / 33																																				6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167100 HELLONIKON AB GR 73-01 YEARS JUL MONTH
STATION STATION NAME

PAGE 0 ALL HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		D.B. W.B. Dry Bulb Wet Bulb Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.																		
31																																					
29																																					
TOTAL	.2	1.6	5.3	9.6	13.5	16.6	14.7	12.3	8.1	6.6	5.1	2.5	1.6	1.1	.8	.7																			6280	6280	
																																				6280	6280

Element (X)	$\sum X'$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	16334454	307654	49.0	14.459	6280							
Dry Bulb	41129276	507594	80.6	6.071	6300			741.8	688.6	404.2	29.8	744
Wet Bulb	28268395	420581	67.0	4.020	6280			413.5	63.3	.1		744
Dew Point	21741013	366937	58.4	6.925	6280		.8	74.4	3.0			744

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR
STATION STATION NAME

73-81

YEARS

AUG
MONTH

PAGE 1

8888-8888
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL													
89																																			
87													.3																						
85									.1	.4	.1																								
83							.1		.4	.5	1.0			.1																					
81					.1	.3	.5	1.9	2.0	.4	.4			.3																					
79				.5	.5	1.7	1.8	3.0	1.9	1.5	1.1																								
77			.1	1.9	2.5	1.4	2.7	4.3	3.6	.3	.4	.1																							
75		.6	1.7	2.5	3.6	2.9	4.6	5.3	1.7																										
73		.8	.9	2.7	2.5	2.8	4.8	3.3	1.4	.1	.1																								
71		.3	1.1	1.3	2.7	1.1	2.8	1.3	1.1	.4																									
69		.1	.1	.6	1.3	1.8	.4	.1																											
67		.1	.3	.6	.8	.6	.5																												
65		.1	.1		.1	.1																													
63																																			
61																																			
59																																			
57																																			
55																																			
53																																			
51																																			
49																																			
47																																			
45																																			
43																																			
41																																			
39																																			
37																																			
35																																			
TOTAL		2.0	3.7	10.2	14.2	12.7	18.0	19.3	12.1	3.3	3.4	.3	.6	.1																					

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

Element (X)	Z _g	Z _w	Z _t	Z _d	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2466454	42712	54.3	14.637	787	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4571901	59489	75.5	3.697	788			92.5	74.5	12.5		93
Wet Bulb	3293325	57737	64.5	3.967	787			29.1	2.2			93
Dew Point	2591956	44824	57.3	7.042	787			9.6	.4			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1675 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS AUG MONTH
PAGE 1 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. Wet Bulb	Dry Bulb Dew Point																	
8 / 87											.1						1	1																	
6 / 87							.1				.4						5	5																	
7 / 81					.1		.1	.8	1.4	1.0	.3	.1	.1				31	31																	
7 / 79						.8	1.0	1.7	2.0	.6	.3						5.0	5.0																	
7 / 77			.5	1.7	2.2	2.3	3.4	2.8	.5								105	105																	
7 / 75	.3	.5	2.4	3.2	2.8	4.8	3.6	1.9									153	153	1																
4 / 73	.6	.5	3.8	3.3	4.1	5.3	4.1	.4									174	175	2	1															
7 / 71	.4	.9	2.4	3.7	2.4	4.2	1.9	.9		.1							133	134	17	5															
7 / 69		1.2	1.9	1.3	3.2	1.5	.6										75	75	51	9															
5 / 67		.1	.8	1.7	.8	.3	.5										32	32	99	18															
6 / 65	.1	.4	1.1	.5	.5												20	20	121	40															
4 / 63			.3	.1	.1												4	4	170	80															
7 / 61		.1	.1	.1													3	3	164	59															
7 / 59																			121	150															
7 / 57			.1														1	1	45	80															
5 / 55																			12	71															
4 / 53																			2	113															
2 / 51																			2	81															
5 / 49																				46															
7 / 47																				39															
4 / 45																				31															
4 / 43																				8															
2 / 41																				3															
4 / 39																				1															
7 / 35																				1															
3 / 33																				1															
TOTAL	1.4	3.6	13.3	15.6	16.8	19.7	16.5	9.4	2.7	.8	.1	.1					787	789	787	787															
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Ref. Num.	2626166	44216	56.2	3.435	787	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	4298566	58162	73.7	3.752	789			89.7	61.3	5.3		93																							
Wet Bulb	3182990	49968	63.5	3.644	787			20.1	.4			93																							
Dew Point	2538795	44431	56.5	6.218	787			3.9	.1			93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLONIKON AB GR 73-81 AUG
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
8 / 85									1.0	.1	.1							10	10																
4 / 83							.1		.1	.3								8	6																
7 / 81				.1	.1	.1	.5	1.9	1.9	1.0	1.1	.1						55	56																
7 / 79				.1	.3	2.3	1.6	1.9	2.3	.8	.5							77	77																
7 / 77				.3	1.5	3.5	2.5	4.9	3.9	2.9	.3	.1						158	158																
6 / 75		.3	.1	1.1	2.8	4.4	6.3	4.0	1.4	.1								163	163	2															
4 / 73	.1	.3	.1	1.8	1.6	3.7	6.6	2.4	1.1									140	140	7	3														
7 / 71				.5	1.9	3.7	2.5	2.3	1.6	.5								103	103	19	4														
7 / 69				.3	.5	1.3	2.0	.5	.0									43	43	72	7														
5 / 67				.3	.5	1.1	.6	.1										21	21	92	21														
6 / 65				.9	.6													12	12	146	30														
4 / 63				.3														2	2	173	75														
7 / 61				.1														1	1	159	64														
7 / 59																				79	105														
7 / 57																				40	98														
5 / 55																				2	107														
7 / 53																					66														
7 / 51																					73														
5 / 49																					39														
7 / 47																					35														
4 / 45																					35														
4 / 43																					8														
2 / 41																					1														
TOTAL	.1	.5	1.5	8.8	15.0	18.2	23.0	16.7	10.2	3.3	2.1	.3	.1					791	792	791	791														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2417527	42646	53.9	12.237	791							
Dry Bulb	4473797	59447	75.1	3.853	792			91.2	71.6	10.3		93
Wet Bulb	3255437	50668	64.1	3.542	791			22.6	1.1			93
Dew Point	2562851	44783	56.6	5.893	791			4.1	.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16710 STATION HELLENIKON AB GR STATION NAME 73-61 YEARS AUG MONTH
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
97														.3																	2	2			
95													.1	.1																	4	4			
93													.6	.4																	8	8			
91												.1	.3	.3	.3	.1															10	11			
89									.1	.4	.5	.5	1.0	.3	.1																23	24			
87							.1	.1	.4	.4	1.4	1.4	1.4	.3	.1																44	44			
85						.3	.4	.8	.9	1.8	1.8	1.5	.1	.1																	67	60			
83					.4	.6	.6	.5	2.4	3.2	2.7	.6	.1																		88	88			
81			.8	2.0	2.3	6.3	5.7	5.4	4.3	2.9	.3																				235	235			
79			.8	1.0	2.0	1.9	4.6	3.2	2.8	.6	.3																				142	142			
77		.1	.5	2.2	4.9	4.6	2.8	.5	.3																						124	124	1		
75			.1	1.2	.2	.8	.4																								25	25	18		
73		.1	.3	.6	.4	.1																									12	12	39	4	
71			.3	.3	.1																										5	5	66	17	
69				.1																											1	1	118	23	
67																																	140	23	
65																																	186	43	
63																																	125	67	
61																																	71	57	
59																																	15	111	
57																																4		84	
55																																		83	
53																																		69	
51																																		72	
49																																		49	
47																																		45	
45																																		19	
43																																		4	
41																																		11	
37																																		2	
TOTAL						1.9	4.3	10.2	15.8	17.4	15.6	13.4	10.3	5.0	3.7	1.5	.8	.1														785	785	783	

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1694838	35118	44.9	12.374	783	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	5253222	64134	81.7	4.152	785			93.0	92.3	65.6	1.7	93
Wet Bulb	3530692	52279	66.8	3.626	783			45.4	6.9			93
Dew Point	2602502	44832	57.3	6.744	783			8.0	.5			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-12 STATION HELLENIKON AB GR

75-81

YEARS

AUG MONTH

PAGE 1 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
12/89										.1			.1	.1	.1	.8		10	17																
8/97														.1	.3			3	3																
6/95														.5	1.7	.3	.3	16	16																
4/93										.1	.3		.4	.3	1.1		.4	22	22																
1/91								.1	.1	1.3	1.1	1.0	1.4	.5	.1	.1	46	46																	
1/89							1.0	.6	.5	2.0	3.0	1.3	.1	.3			72	71																	
6/87						.8	.4	1.4	1.4	2.3	3.5	1.3	.4				92	92																	
6/85					.1	1.8	4.2	1.8	2.1	2.7	2.5	.8	.1				127	127																	
4/83			.1	.5	1.6	3.3	3.2	1.9	2.3	2.0	1.1						127	127																	
1/81			.5	2.0	1.9	5.4	6.4	3.5	2.1	2.4	.4	.1					197	197																	
1/79			.1	1.0	1.6	2.4	1.1	.5		.1							55	55		1															
7/77			.5	1.3	.6	.5	.4										26	26		6															
6/75				.1													1	1		39	2														
4/73			.1	.1	.1												3	3		77	4														
1/71																				113	19														
1/69						.1											1	1		141	39														
4/67																				165	37														
6/65																				149	52														
4/63																				58	100														
1/61																				36	63														
1/59																				7	106														
1/57																					58														
5/55																					53														
4/53																					70														
2/51																					56														
5/49																					43														
1/47																					37														
4/45																					29														
4/43																					12														
2/41																					3														
4/39																					4														
3/37																					1														
1/35																					1														
3/33																					2														
Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 73 HELLENIXON AB GR 73-81 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL Wet Bulb Dew Point				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb																			
2 / 101																		.1	1	1																			
4 / 99																		.3	.4	.3	.7	7																	
6 / 97																		.5	.1	.5	5	5																	
6 / 95																	.1	.1	.9	.5	.5	17	17																
6 / 93																	.3	.6	.4	.9	2.3	.9	.5	20	20														
6 / 91																	.1	.6	.4	.9	2.3	.9	.5	45	45														
6 / 89																	.4	.5	.8	1.4	3.8	1.7	1.3	79	79														
8 / 87																	1.1	1.4	1.8	2.8	4.0	3.4	2.1	128	128														
6 / 85																	.1	.6	1.6	1.8	1.5	2.3	3.1	1.3	1.1	.1	178	178											
6 / 83																	.3	.3	1.4	2.5	2.0	2.1	2.4	2.0	1.1	.4	119	119											
6 / 81																	.6	.1	1.5	3.5	5.5	3.4	4.0	1.0	.6	.1	179	179											
6 / 79																	.9	1.1	.8	1.5	.5	.3	.1	41	41														
7 / 77																	.1	.1	.8	2.0	.5	.8	.3	36	37	11													
6 / 75																	.1	.1	.1	.1			4	4	36														
4 / 73																	.3	.1					3	3	36	9													
6 / 71																											36	23											
6 / 69																	.1						1	1	141	31													
6 / 67																	.1						1	1	178	42													
6 / 65																										170	46												
4 / 63																										66	63												
6 / 61																										21	63												
6 / 59																										9	98												
6 / 57																																							
5 / 55																																							
4 / 53																																							
2 / 51																																							
5 / 49																																							
6 / 47																																							
4 / 45																																							
4 / 43																																							
2 / 41																																							
6 / 39																																							
3 / 37																																							
7 / 35																																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 19 STATION HELLENIKON AB GR STATION NAME

73-81 YEARS

AUG MONTH

PAGE 1 1980-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																						
1 / 9																.1																	1	1									
2 / 97																	.2																	1	1								
3 / 95																	.2																	3	3								
4 / 93																	.2		.4																7	7							
5 / 91																	.5		.5		.4														13	13							
6 / 89																	.1		1.2		1.1														24	24							
7 / 87																	.7		.1		.7		1.0		1.6		.5								39	39							
8 / 85																	.1		.4		1.0		1.1		1.9		1.7		.6		.1				56	56							
9 / 83																			.1		1.7		1.9		2.5		2.6		1.5		.1				91	91							
10 / 81																					1.1		2.1		3.6		4.1		6.1		3.9		3.1		1.1		.1		212	212			
11 / 79																					.1		1.4		2.7		1.6		3.2		2.4		2.5		1.2		.2			136	136		
12 / 77																					.5		1.7		4.7		3.2		3.4		1.0		.6		.1				144	144		2	
13 / 75																					.1		1.1		1.1		1.2		.7		.4						39	39		15			
14 / 73																					.1		.2		.6		.5		.9								25	25		39			
15 / 71																					.1		.2		.2		.4									9	9		56				
16 / 69																							.1													1	1		123				
17 / 67																																							131	29			
18 / 65																																							150	34			
19 / 63																																							127	73			
20 / 61																																							72	45			
21 / 59																																							47	100			
22 / 57																																							9	70			
23 / 55																																							1	58			
24 / 53																																									1	75	
25 / 51																																										67	
26 / 49																																										48	
27 / 47																																										43	
28 / 45																																										47	
29 / 43																																											11
30 / 41																																											14
31 / 39																																										3	
32 / 37																																											1
33 / 35																																											1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GR 73-81 YEARS MONTH AUG

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
/ 89											.1	.1	.1					3		3														
2/ 87											.4	1.0						11		11														
6/ 85									.1		.8	.9						14		14														
2/ 83								.1	.4	.4	.1	1.1	.5					21		22														
/ 81				.1	.5	.4	1.4	2.3	5.1	3.4	2.3	.8						129		129														
/ 79			.1	1.3	.6	2.9	2.0	3.1	3.4	2.4	1.3	.1						137		137														
7 / 77			1.1	3.4	3.3	2.4	4.0	3.6	5.9	1.6	.4		.1					206		206														
6/ 75		.8	.9	1.4	2.3	2.3	4.7	2.6	1.0	.6	.5	.3						132		132		4												
4/ 73			.5	1.4	1.6	1.6	2.3	2.1	1.7	.3								86		86		72												
/ 71		.3	.3	.1	1.1	.8	1.5	.4	.4									38		38		47												
/ 69	.1	.1	.4	.1	.4	.8	.4											18		19		86												
6 / 67			.1	.3	.1	.1												5		5		107												
6/ 65																						144												
4/ 63																						160												
/ 61																						107												
/ 59																						60												
/ 57																						23												
5 / 55																						8												
4/ 53																						2												
2/ 51																																		
6 / 49																																		
/ 47																																		
4 / 45																																		
4 / 43																																		
2 / 41																																		
4 / 39																																		
3 / 37																																		
/ 35																																		
3 / 33																																		
2 / 31																																		
TOTAL	.1	1.1	3.4	7.8	10.0	11.1	15.8	14.5	17.3	8.4	6.8	3.6	.3					800		801		800												

Element (X)	Z _{X'}	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2241466	40496	50.6	15.484	800	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4328696	62116	77.5	3.828	801			93.0	85.9	26.9		93
Wet Bulb	3404298	52786	65.1	4.750	800			32.1	4.2			93
Dew Point	2614824	45338	56.7	7.538	800		.2	10.0	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

161c HELLENIKON AB GR 73-81 YEARS SEP MONTH
 STATION STATION NAME PAGES 0000-3200 HOURS S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 71										.3	.4							5	5																
7 / 73						.4	.4	.4	.1	.1								11	11																
7 / 77				.5	.5	.3	.6	2.6	1.6									47	47																
6 / 75			.3	1.2	1.3	1.4	3.8	2.9	.6									88	89																
4 / 73		.3	.3	1.6	2.6	2.3	4.2	2.3	.9									111	111																
7 / 71		.1	2.2	2.7	5.2	4.2	2.9	2.6	.1	.1								155	155	9	1														
7 / 69			1.9	1.8	4.4	4.4	1.9	.9	.4									122	122	23	10														
7 / 67			1.2	2.6	3.8	3.1	1.3	.6	.1									98	98	52	9														
6 / 65	.1		.9	1.7	2.5	.9	3.4	.4										71	71	89	37														
4 / 63			.5	.1	1.2	1.6	.9											33	33	157	51														
7 / 61			.6	.4	.4	.5	.4											18	18	152	44														
7 / 59			.1		.4	.1												5	5	114	87														
7 / 57		.1		.5	.1													6	6	75	89														
5 / 55																				46	83														
4 / 53																				29	97														
2 / 51																				24	81														
5 / 49																				4	50														
7 / 47																					43														
4 / 45																					45														
4 / 43																					24														
2 / 41																					12														
4 / 39																					12														
3 / 37																					2														
TOTAL	.1	.5	3.1	12.5	22.3	10.2	10.7	12.7	4.2	.6								770	771		770														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	2735927	44863	58.3	12.598	770							
Dry Bulb	3866179	54497	70.7	4.285	771			74.5	30.1	1.4		90
Wet Bulb	2922393	47323	61.5	4.266	770			9.8				90
Dew Point	2341769	42169	54.8	6.490	770			2.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 HELLENIKON AB GR STATION NAME

73-81 YEARS

YEARS

SEP MONTH

PAGE 1 2300-2500 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 71								.1	.1									2	7																
7 / 74								.3	.1									5	5																
7 / 77					.3	.7	1.0	.9	1.3	.1								33	33																
6 / 75				.3	.9	.7	2.2	1.6	.3									45	45																
4 / 73				1.6	1.4	1.6	2.7	2.3	.4	.1								78	78																
7 / 71		.3	.9	2.3	2.6	4.7	4.4	1.3										122	122	1															
7 / 69		1.8	3.7	3.1	4.9	2.7	.9	.3										129	131	7	1														
7 / 67		2.2	3.4	4.9	3.4	.8	.5											117	117	45	3														
6 / 65		.5	1.4	3.4	3.6	3.1	1.7	.3										108	108	62	6														
4 / 63		.3	1.7	2.3	1.8	3.7	.9											72	72	128	55														
7 / 61		.9	.9	.5	.9	.1												26	26	165	54														
7 / 59		.7	.5	1.2	.9													25	25	135	93														
7 / 57		.5	.3															6	6	101	68														
5 / 55																				55	105														
4 / 53																				78	96														
7 / 51																				22	79														
5 / 49																				9	65														
7 / 47																					46														
4 / 45																					44														
4 / 43																					22														
2 / 41																					23														
4 / 39																					5														
3 / 37																					3														
TOTAL	1.0	9.0	18.2	20.7	23.2	16.9	8.2	2.5	.3									768	777		768														

USAFETAC FORM 0-26-5 (D.L.A.) REV. 54

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	2086262	46156	67.1	12.102	768			62.3	19.1	.6		70
Wet Bulb	2018773	46423	60.4	4.063	768			6.2				90
Dew Point	2275484	41552	54.1	5.971	768			.5				90

FEDERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GP 73-81 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
77						.1	.1	.3	.3									6	6																
77					.7	.5	.8	1.5	.9	.1	.1							38	39																
75				.5	1.1	1.6	2.2	1.7	.8									67	61																
73			.1	2.1	2.1	4.9	3.7	2.4	.3									118	118																
71		.1	1.1	2.4	3.2	4.7	4.7	1.2	.1									127	128																
69			2.2	2.4	2.1	6.9	2.2	.8	.1									127	127	16															
67			1.5	1.7	4.9	2.8	1.2	1.2										100	100	41	8														
65		.1	.9	2.7	2.9	3.0	.4	.1										72	72	76	9														
63			1.1	2.2	2.1	2.2	.4	.1										62	62	141	53														
61			.3	1.2	1.1	1.2	.3											30	30	146	56														
59			.7	.1	.8	.4												12	12	141	75														
57				.4	.4													6	6	86	92														
55																				53	93														
53																				31	97														
51																				20	87														
49																				7	50														
47																					50														
45																					41														
43																					24														
41																					22														
39																					2														
37																					1														
TOTAL		.3	7.4	15.0	21.2	27.6	16.1	9.6	2.5	.1	.1							758	761	758	758														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2734764	44722	59.0	11.368	758							
Dry Bulb	3729206	53106	69.8	4.327	761			68.5	26.5	.4		90
Wet Bulb	2818255	46117	60.8	4.060	758			6.8				90
Dew Point	2266565	41207	54.4	5.910	758			.9				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIKON AB GR 73-81 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
84									.1									1	1																
87									.1	.3	.4	.1	.1					5	5																
85								.1		.3	.4	.1	.1					8	8																
83								.1	.1	.4	.4	1.0	.8	.6				27	27																
81				.3		1.3	2.0	2.0	3.7	2.0	1.7	.4						105	106																
79				.3	.8	2.6	2.0	3.4	3.1	2.7	.6	.4						124	125																
77			.1	.1	2.0	3.4	5.1	5.5	3.8	1.0	.3							168	169																
75			.1	.5	2.6	2.7	4.3	2.7	1.9	.5	.1							121	122		2														
73			.3	.6	2.3	2.2	2.9	2.0	1.5	.3								95	95	10	1														
71				.1	1.7	1.7	2.4	1.8	.8									61	61	25	3														
69					.4	1.1	1.1	1.1	.1									31	31	73	5														
67					.3	.3	.4	.4										10	10	88	12														
65					.3	.1	.6	.1										9	9	146	31														
63					.3	.1	.3	1.7										13	13	170	63														
61																				112	66														
59					.5													5	5	73	85														
57					.1													1	1	48	87														
55																				16	76														
53																				8	88														
51																				12	72														
49																				1	55														
47																					46														
45																					57														
43																					16														
41																					23														
39																					4														
37																					1														
TOTAL			.5	2.4	11.0	14.9	22.2	19.6	15.6	7.8	4.1	1.7	.3					784	788	794	764														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1973724	38314	48.9	11.336	784	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4613467	60181	76.4	4.693	788			96.8	75.7	22.4		90
Wet Bulb	3203630	50004	63.8	4.276	784			22.7	1.4			90
Dew Point	2413315	43183	55.1	6.665	784			2.4	.1			90

USAFETAC FORM 0-26-5 (OLA) REVERSED NUMERICAL SENSORS OF THIS TYPE ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1610 STATION HELLENIKON AB GR 73-81 YEARS SEP MONTH
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
/ 93																													.1			1	1						
/ 91																								.3	.3	.1	.1						6	6					
/ 89								.7			.1	.1	.4	.5																		11	11						
/ 87								.1	.5	.3	.4	2.0	.9	.4																			36	36					
/ 85							.4	.8	.3	1.3	1.5	2.3	.6																				56	56					
/ 83						.1	.5	.9	.9	1.0	2.5	3.2	1.3	.8	.1																		89	89					
/ 81					1.4	1.0	5.6	5.9	3.9	2.4	1.8	.5																					179	179					
/ 79				.1	.2	3.0	2.8	4.4	2.8	1.9	.6																						130	130					
/ 77					2.3	3.2	3.3	3.2	2.9	1.4	.9																							135	135				
/ 75					.9	.9	3.1	1.5	1.6	.4	.3																							68	68	5			
/ 73					.4	.6	1.5	.6	.9																									32	32	27			
/ 71			.1	.1	.3	.1	.4	1.8	.1																									23	23	41	4		
/ 69				.1			.4		.3																									6	6	125	17		
/ 67						.3		.1																										3	3	127	19		
/ 65						.1																												1	1	156	30		
/ 63		.1	.3	.1	.1		.6	.1																										11	11	129	22		
/ 61						.1	.3																											3	3	85	75		
/ 59																																					51	84	
/ 57				.3																															2	2	28	70	
/ 55																																					5	63	
/ 53																																				1	77		
/ 51																																				9	62		
/ 49																																				2	60		
/ 47																																					49		
/ 45																																					44		
/ 43																																					16		
/ 41																																					19		
/ 39																																					12		
/ 37																																					2		
T 78		.1	.4	.3	6.2	9.9	19.6	14.9	10.2	8.7	6.7	3.0	.8	.1																						791	791	791	

Element (X)	ΣX'	ΣX	X	σ _n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1732310	32764	45.212.080		791							
Dry Bulb	5256039	63115	79.8	5.032	791			88.1	84.4	48.2	.1	90
Wet Bulb	3397669	51731	65.4	4.282	791			37.0	3.6			90
Dew Point	2504767	44149	55.8	7.171	791			4.6				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIKON AB GR 73-81 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point														
92												.1		.3				3	3																
91											.1	.1	.1					4	4																
89							.1	.5	.3	.3	.1	.5	.1	.1				16	16																
87							.1	.8	.4	.9	1.4	1.5	.1					41	41																
85							.1	.3	.4	1.4	1.4	2.0	.8					57	57																
83						.1	.3	1.7	1.1	2.3	2.8	1.4	.1					77	77																
81				.9	1.8	4.6	4.1	4.2	2.9	2.0	.6	.1						167	169																
79			.4	4.5	2.4	3.3	1.7	1.9	.9	.4								121	121																
77			1.1	2.7	2.4	3.8	2.0	2.5	2.2	.6	.1							133	138																
75		.1	.5	2.1	1.5	2.7	1.5	.6	.4									74	74	1															
73			.4	1.7	1.7	1.7	.6											40	40	73															
71		.1	.5	.5	.6	.6	.4											24	24	57	1														
69			.1	.1	.1	.1	.1	.3										4	4	124	17														
67		.1	.1	.3	.3	.3	.3											6	8	119	19														
65		.1		.1	.1	.1	.1											4	4	167	48														
63			.4	.6	.1													9	9	124	96														
61			.3	.1														3	3	80	58														
59																				49	88														
57			.1	.1														2	2	19	75														
55			.1															1	1	8	60														
53																				2	73														
51																				10	60														
49																				3	49														
47																					54														
45																					37														
43																					21														
41																					14														
39																					13														
37																					3														
TOTAL	.1	.4	2.4	8.0	12.3	17.4	15.0	13.2	11.7	9.0	6.4	3.2	.6	.1				786	788	786	786														

Element (X)	Z _x '	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Num.	1607059	36257	46.1	13.093	786			87.8	83.7	46.7	.3	90
Dry Bulb	5070104	62694	79.6	5.301	786			3.1	2.7			90
Wet Bulb	3374945	51431	65.4	4.315	786			4.2				90
Dew Point	2508657	44039	56.7	7.243	786							90

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

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1613 HELLENIKON AB GR 73-81 PAGE 1 1800-2000
STATION MONTH YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																				
1 / 67																															.1	.1		2	2						
8 / 87																															.1	.1	.1		3	3					
6 / 85																															.1	.1	.3		5	5					
4 / 83																															.3	.6	.6	.1	20	20					
1 / 81																														.3	1.0	1.4	2.9	3.0	2.2	.1	.3	87	87		
1 / 79																														.3	1.1	1.8	2.2	2.8	2.0	.3	.1	.3	83	83	
7 / 77																														1.1	3.4	1.7	3.3	3.7	4.1	1.3	.5	.1	152	152	
6 / 75																													.5	1.9	3.2	3.3	2.2	2.4	1.5	.5	127	127			
4 / 73																													.1	.8	3.3	1.6	3.6	4.4	1.0	1.6	.3	132	132	4	
1 / 71																													.8	1.1	2.2	1.5	2.2	.6	.6	.1	68	68	20 1		
1 / 69																													.4	.8	1.4	2.4	1.7	.6	.3	54	54	80 9			
5 / 67																													.3	.4	.4	.6	.8	.1	20	20	92 24				
6 / 65																													.3	.3	.3	.4	.1		10	10	145 39				
4 / 63																														.5	.9	.1			12	12	158 81				
1 / 61																													.3	.1	.1	.4			7	7	146 61				
1 / 59																													.1	.3					3	3	63 79				
1 / 57																													.1						1	1	39 78				
5 / 55																													.1	.1					2	2	16 70				
4 / 53																																				8	8	87			
2 / 51																																				10	10	78			
5 / 49																																				6	6	40			
1 / 47																																							47		
4 / 45																																				1	1	37			
4 / 43																																							25		
2 / 41																																							18		
4 / 39																																							7		
3 / 37																																							5		
3 / 35																																							1		
2 / 33																																							1		
TOTAL																																							788 788 788		

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

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	22825.0	40938	52.0	14.068	788	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4489634	59354	75.3	4.907	788			86.0	69.8	17.4		90
Wet Bulb	3208073	50165	63.7	4.294	788			22.4	.5			90
Dew Point	2471596	43778	55.6	7.082	788		1	3.9				90

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15-162 HELLENIKON AB GR STATION NAME

73-81 YEARS

SEP MONTH

PAGE 1 2190-2300 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 50																														1	1				
4 / 50																														1	1				
7 / 51				.1	.1		.1	.1	.4	.3																			9	9					
7 / 77				.1	.4	.1	1.4	1.2	1.0																				34	34					
6 / 75				.1	1.5	.8	3.2	2.1	3.6	1.7																			101	101					
4 / 73		.3	.8	3.3	2.8	3.3	3.0	1.5	1.2																				118	118	1	1			
7 / 71		.3	.9	2.3	3.6	5.8	4.0	2.1	.8																				126	126	2	1			
7 / 69		.3	1.7	1.7	2.4	2.7	2.3	1.4	.4																				151	152	7	1			
7 / 67		.3	1.7	1.7	2.4	2.7	2.3	1.4	.4																				160	160	33	6			
6 / 65		.1	.1	.4	.9	1.5	.5																						73	73	74	12			
4 / 63		.1	.1	.5	.3	.6	.6	.1																					28	28	124	26			
7 / 61		.1	.3		.1	.1	.3																						13	13	152	72			
7 / 59				.1	.6	.5																							7	7	157	54			
7 / 57				.1	.6	.5																							12	12	97	93			
5 / 55					.7																								2	2	68	94			
4 / 53																															10	83			
2 / 51																															16	73			
5 / 47																															9	43			
4 / 45																																56	47		
4 / 43																																17	17		
2 / 41																																6	3		
4 / 37																																	3		
TOTAL		.6	4.7	10.9	18.4	20.8	19.9	12.5	8.3	3.3	.1	.3																	779	767	779				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	256734	43576	55.9	12.915	779							
Dry Bulb	4.97783	56433	72.4	4.263	780			82.5	45.0	3.7		93
Wet Bulb	3.36828	48530	62.3	4.165	779			13.5	.3			90
Dew Point	2471225	42943	55.1	6.607	779			2.3	.1			90

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

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GP 73-81 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS 5, 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 93																		.7	.3												4	4			
7 / 91																		.0	.1	.1	.2	.2									12	12			
7 / 89																		.0	.1	.0	.0	.1	.1	.0	.0					28	28				
6 / 87																		.0	.2	.1	.2	.5	.3	.1						85	85				
6 / 85																		.7	.1	.1	.4	.6	.2						177	177					
6 / 83																		.1	.2	.4	.4	.8	.9	.5	.1	.2				214	214				
7 / 81																		.0	.3	.5	1.7	1.7	1.9	1.4	1.0	.2	.0			553	556				
7 / 79																		.1	.3	1.5	1.3	2.0	1.5	1.2	.3	.1			514	515					
7 / 77																		.0	.4	1.7	1.6	2.7	2.7	2.6	1.0	.3	.0			812	814				
6 / 75																		.2	.2	1.8	1.9	3.2	2.2	1.0	.3	.1				711	714	9			
4 / 73																		.1	.3	1.6	1.7	2.4	3.7	1.7	.9	.1				732	737	66	7		
7 / 71																		.1	.7	1.4	2.4	2.6	2.7	1.5	.4	.2				731	733	160	11		
7 / 69																		.7	1.0	1.2	1.7	2.8	1.5	.7	.2					573	575	481	65		
6 / 67																		.7	1.1	2.2	1.5	.8	.4	.1						429	429	638	126		
6 / 65																		.1	.4	.9	1.3	1.1	.7	.1						303	303	965	219		
4 / 63																		.2	.4	.7	1.2	.8	.1							237	237	1159	511		
7 / 61																		.3	.3	.3	.4	.7								94	94	1043	468		
7 / 59																		.1	.1	.4	.3										50	50	723	684	
7 / 57																		.1	.2	.2											26	26	464	646	
5 / 55																		.1	.1	.2											3	3	228	623	
4 / 53																		.1	.2														133	698	
2 / 51																																	113	597	
5 / 49																																	41	412	
7 / 47																																		391	
4 / 45																																	1	352	
4 / 43																																		165	
2 / 41																																		146	
4 / 39																																		63	
3 / 37																																		27	
3 / 35																																		1	
2 / 33																																		1	
TOTAL																																		6224	6224
																																		6224	6224

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Dry Bulb	18718546	330570	53.113	6.660	6224			637.3	436.8	141.6	.5	720
Wet Bulb	34532779	462505	74.2	6.148	6224			156.6	8.7			720
Dew Point	24785516	391724	62.9	4.594	6224			21.3	.2			720
	19183378	343227	55.2	6.692	6224							720

USAFETAC FORM 8-64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR STATION STATION NAME

73-81

YEARS

OCT MONTH

PAGE 1 1800-1800 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 77											.1	.2						5	5																
6 / 75				.2	.1	.1	.1	.4										5	5																
4 / 73			.2	.5	.4	.6	.2	.5	.1									21	21																
7 / 71			1.6	1.9	3.1	1.6	1.0	.5										77	77																
7 / 69		.1	2.9	1.7	3.7	1.6	.1	.2	.1									79	79	6															
7 / 67	.2	.1	3.3	4.5	4.1	1.9	1.4	.2										127	127	27	2														
6 / 65		1.1	2.9	3.5	3.1	1.4	1.6	.1										117	117	53	16														
4 / 63		.2	2.7	4.5	1.9	3.6	.2	.1										117	117	22	27														
7 / 61		.4	1.7	2.1	1.2	1.6	.6											56	56	124	31														
7 / 59		1.4	2.2	2.1	2.5	1.7												74	74	106	79														
7 / 57		1.1	.4	1.1	2.1	.7												44	44	122	83														
5 / 55		.2	.9	1.7	1.5	.1	.2											38	38	77	65														
7 / 53		1.7	1.2	.6	.7	.1												37	37	77	92														
7 / 51		.1	.5	.7	.2													13	13	63	73														
5 / 49			.4	.1														4	4	47	44														
7 / 47		.2	.1	.1														4	4	29	56														
4 / 45																				14	74														
4 / 43																				5	37														
2 / 41																					36														
4 / 39																					15														
3 / 37																					14														
7 / 35																					8														
7 / 31																					1														
7 / 29																					1														
7 / 25																					1														
TOTAL	.2	5.7	20.3	24.7	24.5	14.6	6.2	2.2	.5									807	807	307	807														

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	3748741	53995	66.2	12.958	807							
Dry Bulb	3361760	51877	64.3	5.704	807			36.5	3.9			93
Wet Bulb	2723241	46665	57.8	5.550	807			3.8				93
Dew Point	27753	42465	52.6	7.262	807		.3	.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIXON AB GP 73-81 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
7 / 77						.1												1	1																
6 / 75					.4	.1												4	4																
4 / 73				.4	.4	.1	.7	.1										14	14																
/ 71			.7	1.0	1.4	1.4	.4											39	39																
/ 69		.1	2.2	1.6	1.8	.7	.9											60	60																
/ 67		.6	3.1	1.8	3.1	1.8	.6											90	90	22															
6 / 65		2.1	2.3	3.1	2.1	1.5	.7	.1										47	97	55	17														
4 / 63		2.3	3.2	6.5	4.9	3.2	.9	.1										172	173	64	55														
/ 61		1.1	2.3	2.5	3.1	.6	.2	.1										40	40	23	50														
/ 59	.1	1.4	2.1	2.6	3.4	1.4	.1											89	89	87	60														
/ 57		.4	1.6	2.1	2.1	.9												57	57	136	67														
5 / 55		.9	.6	1.8	1.6	.4												43	43	78	69														
4 / 53	.1	1.2	1.2	.6	.9													33	33	95	81														
2 / 51		.4	.4	.7	.7	.1												19	19	62	91														
5 / 49			.1	.1														2	2	56	62														
/ 47		.7	.1		.2													9	9	32	51														
4 / 45	.1	.1	.1															3	3	74	82														
4 / 43																				6	46														
2 / 41																					39														
4 / 39																				2	15														
3 / 37																					13														
/ 35																					17														
3 / 33																					5														
2 / 31																					2														
/ 27																					2														
TOTAL	.4	1.1	1.2	1.2	1.2	1.2	1.3	4.7	.5									812	812	612	912														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3953877	55660	68.6	13.013	812	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3238512	51117	62.9	5.597	813			23.8	2.2			93
Wet Bulb	2654722	46200	56.9	5.597	812			2.5				93
Dew Point	2237499	42237	52.0	7.334	812		.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR STATION NAME

73-81 YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
1 / 71							.1	.1	.2	.1	.1							6	6																
7 / 79						.6	.5	.2	.7	.1								18	13																
6 / 77					.6	.9	1.5	1.1	.1									29	39																
6 / 75				.6	1.8	2.1	3.1	.7	.4									71	71																
4 / 77			.4	3.7	2.1	2.8	2.5	1.1	.4	.2								107	108																
7 / 71			1.4	2.2	3.7	4.1	2.2	1.5	.4									121	121																
7 / 69		.1	1.4	.6	2.3	3.4	3.3	1.7	.2									93	93	71															
5 / 67			.4	.4	2.1	1.7	1.7	1.5	.5									63	63	68	5														
6 / 65		.6	1.7	.9	2.1	1.4	1.5	.9	.1									68	69	77	24														
4 / 63		.1	1.6	2.2	2.5	3.4	2.3	.5										103	103	119	65														
7 / 61	.1	.1	.5	.9	1.6	1.4	.1	.2										40	41	125	48														
7 / 59		.4	.4	.6	.7	1.6	.5											34	35	82	81														
7 / 57		.1	.5	.4	.1	.6	.2											16	16	90	75														
5 / 55		.5	.2	.5	.4		.1											14	14	67	81														
4 / 53	.1	.2			.1	.1	.1											6	6	69	73														
2 / 51				.2	.2													4	4	45	76														
5 / 47		.4	.1	.1														5	5	19	47														
7 / 47		.2																2	2	16	49														
4 / 45		.1	.1															2	2	10	58														
4 / 43																				3	39														
7 / 41																				1	44														
4 / 37																					23														
3 / 37																					12														
7 / 35																					2														
3 / 33																					4														
7 / 31																					3														
7 / 27																					3														
TOTAL		.2	3.2	7.9	13.1	20.4	23.9	19.0	8.7	4.1	.6	.1								815	815	812													
																					812	812													

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2952973	47755	58.8	13.345	812							
Dry Bulb	3855608	55832	68.5	6.152	815			59.2	27.6	1.1		93
Wet Bulb	2918129	48464	59.7	5.614	812			10.2				93
Dew Point	2322735	42981	52.9	7.665	812		7	6				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLENIKON AB GP STATION NAME 73-51 YEARS OCT MONTH

PAGE 1 1270-1400 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
82																	.1															1	1			
81																	.2															3	3			
80																	.2															4	4			
79																	.1															6	9			
78																	.5	1.2	.9	1.6	1.0	.2									44	44				
77																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						44	44				
76																	.4	2.5	3.7	2.7	1.4	.4	.6	.2							89	89				
75																	.4	2.5	3.7	2.7	1.4	.4	.6	.2							96	96				
74																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						123	123				
73																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						101	101	10			
72																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						64	65	46	1		
71																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						49	49	77	8		
70																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						58	58	132	20		
69																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						51	51	93	63		
68																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						21	21	102	51		
67																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						30	30	75	94		
66																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						13	13	95	67		
65																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						2	2	55	57		
64																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						3	3	50	65		
63																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						2	2	36	67		
62																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						1	1	21	60		
61																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						2	2	9	46		
60																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1						1	1	5	52		
59																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1								1	35		
58																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									38		
57																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									30		
56																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									12		
55																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									10		
54																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									6		
53																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									4		
52																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									1		
51																	.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1									3		
TOTAL																	.1	1.9	2.6	7.5	17.9	22.1	17.9	14.3	8.3	3.7	2.5	1.0	.2				810	811	810	810
Element (X)																																				
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 155 STATION HELLENIKON A9 69 73-81 YEARS GCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
1 / 51																																			1	1					
6 / 57																																				3	3				
6 / 55																																				5	5				
4 / 53																																				3	3				
1 / 51																																				21	21				
1 / 79																																				46	46				
7 / 77																																				75	75				
6 / 75																																				100	100				
4 / 73																																				110	110				
1 / 71																																				111	111		5		
1 / 69																																				75	75		52		
6 / 67																																				63	61	65	14		
6 / 65																																				44	44	105	22		
4 / 63																																				62	62	107	70		
1 / 61																																				26	26	103	74		
1 / 59																																				34	36	92	98		
1 / 57																																				16	16	73	60		
5 / 55																																				1	1	60	59		
4 / 53																																						49	54		
2 / 51																																				5	5	29	77		
5 / 49																																						27	43		
1 / 47																																				2	2	5	41		
4 / 45																																				1	1	7	67		
4 / 43																																						2	28		
2 / 41																																							41		
4 / 39																																							24		
3 / 37																																							12		
2 / 35																																							4		
3 / 33																																							8		
2 / 31																																							1		
1 / 29																																							2		
2 / 27																																							2		
TOTAL	.2	3.0	2.5	9.2	20.8	23.3	16.6	12.2	6.4	3.2	.7	.7	.6	.2																							804	801			
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						801	801																												
Rel. Hum.	2635296	44510	55.6	14.229	801	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																													
Dry Bulb	4075956	57014	70.9	6.403	804																																				
Wet Bulb	2999195	48805	60.9	5.646	801																																				
Dew Point	2336426	42784	53.4	8.150	801																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16780 HELLENIKON AB GR STATION NAME

73-81 YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 55											.1							1	1																
7 / 81										.4								3	3																
7 / 79									.4	.1								4	4																
7 / 77					.1	.1	.1	.7	.5	.4	.1		.1					18	18																
6 / 75				.6	1.7	1.1	2.4	1.0	.4									53	58																
4 / 73		.4	.4	3.1	2.4	2.7	1.1	.5	.4									38	88																
7 / 71		.2	1.9	2.4	3.3	2.7	1.5	.4	.1									95	95	3	1														
7 / 69		.1	3.7	1.9	2.8	3.0	.6	.1	.1									94	94	12	2														
6 / 67			.9	2.4	2.1	2.5	1.6	.4		.1								90	80	64	7														
6 / 65	.2	.9	1.0	1.9	2.0	2.2	1.7	.6										84	84	77	30														
4 / 63		.6	1.5	4.2	4.3	3.6	2.1	.2										134	134	126	68														
7 / 61		.7	.5	1.4	1.6	.4	.2	.2										41	41	98	49														
7 / 59	.2	.4	.7	1.7	1.1	1.6	.4	.2										52	52	89	90														
7 / 57		.1	.1	.7	.9	1.7	.1											24	24	91	73														
5 / 55		.4	.7	.4														12	13	84	66														
4 / 53		.1	.4	.9	.1	.1												13	13	64	62														
2 / 51			.2	.2														4	4	36	91														
5 / 49																				33	42														
7 / 47		.2	.1															3	3	21	48														
4 / 45																				8	68														
4 / 43																					37														
2 / 41																					35														
4 / 39																					15														
3 / 37																					12														
7 / 35																					2														
3 / 33																					6														
2 / 31																					2														
TOTAL	.4	4.2	17.6	22.0	22.9	20.3	11.9	4.5	1.9	.5	.7		.1					808	909	808	808														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	32994.7	50443	62.4	13.647	808	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	3684777	54390	67.2	5.820	809			50.7	19.8	.5		93
Wet Bulb	2877946	48112	59.4	5.570	808			9.1				93
Dew Point	2351015	43139	53.4	7.699	808		.2	1.2				93

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIKON AB GR STATION NAME

73-61 YEARS

GCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 81											.1							1	1																
7 / 79											.2							2	2																
7 / 77						.1				.1	.2							4	4																
6 / 75				.2	.2	.2	.1	.2										9	9																
4 / 73			.7	1.2	1.7	2.1	.4	.9	.1	.4								57	57																
4 / 71		.5	2.1	1.5	3.1	2.7	.7	.7	.2	.1								95	95	1															
4 / 69		.4	3.6	2.1	3.6	2.6	1.1	.1										113	113	9	1														
4 / 67			2.5	1.6	2.7	2.3	.2	.5										80	80	42	7														
6 / 65		.5	1.4	3.7	2.0	1.8	.9	.1										89	89	56	16														
4 / 63		.7	1.4	4.7	3.3	5.3	.5	.2										131	131	92	67														
4 / 61		.4	1.7	1.6	1.8	1.5	.1											52	52	113	42														
4 / 59		1.2	1.2	3.4	2.2	1.8	.1											82	82	92	71														
4 / 57		.1	1.7	1.7	1.2	1.6												46	46	88	80														
5 / 55		.6		1.4	.7	.2	.2											26	26	90	73														
4 / 53		.5	.4	.6	.4													15	15	95	73														
2 / 51		.1	.1	.2	.1													5	5	47	72														
5 / 49			.4	.1														4	4	39	58														
4 / 47		.4																3	3	24	63														
4 / 45																				13	65														
4 / 43																				3	51														
2 / 41																					39														
4 / 39																					13														
3 / 37																					10														
4 / 35																					8														
3 / 33																					2														
2 / 31																					1														
4 / 29																					1														
4 / 27																					1														
TOTAL		5.4	15.4	24.1	24.0	22.4	4.4	2.8	.5	1.0	.1							814	814	814	814														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_n	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Rel. Hum.	3544977	52676	64.7	12.942	814																														
Dry Bulb	3502306	53192	65.3	5.698	814			41.2	8.3	.1		93																							
Wet Bulb	2792224	47458	58.3	5.580	814			5.9				93																							
Dew Point	2304637	42885	52.7	7.462	814		.3	.9				93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1619 HELLENIKON AB GR 73-81 YEARS NOV MONTH

PAGE 1 1000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
71																																	2	2			
69				.1		.3																											5	5			
67		.4	.3	.3	.4		.1	.1																									16	16			
65		1.4	.6	.8	.5	.3	.3																										30	30	6	3	
63	.1	3.9	2.6	2.8	.5	.5																											81	81	23	10	
61		1.9	2.6	2.2	1.3	.3																											64	64	45	28	
59		2.1	4.7	4.3	3.5	.5	.1																										117	117	42	27	
57		2.7	3.4	4.3	2.7	.4																											104	104	71	38	
55		2.2	4.7	5.7	2.2	.4																											112	112	81	52	
53		1.4	4.1	2.7	1.8	.1																											79	79	107	68	
51		.8	1.3	.6	1.7	.4	.1																										38	38	107	58	
49		.4	.9	1.8	1.6	.4																											39	39	90	81	
47		.9	1.8	1.4	.8	.1																											39	39	52	71	
45		.1	1.7	.6	.1																												15	15	37	70	
43		.3	.6	.9	.3	.1																											17	17	42	65	
41		.1	1.7		.4																												12	13	36	42	
39		.1	.4																														4	4	14	33	
37																																				14	43
35																																			5	25	
33																																			2	21	
31																																			1	20	
29																																				7	
27																																				5	
23																																				5	
21																																				1	
19																																				1	
TOTAL		.1	18.7	37.6	27.8	18.2	3.7	.6	.1																									774	776	774	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4146129	55781	72.1	12.766	774	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2507682	43868	56.5	5.987	776		.1	2.7				90
Wet Bulb	2114637	47156	51.9	6.367	774							90
Dew Point	1790020	36656	47.4	8.360	774		8.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 YEARS NOV MONTH
STATION STATION NAME
PAGE 1 0300-0500
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point														
7/59				.1	.3	.1	.1											5	5																
7/67			.3	.3	.3	.3												8	8																
6/65		1.1	.3	.7	.1													16	16	4															
4/67		3.4	2.7	1.2	.7	.5	.5											65	56	19	15														
7/61		2.1	2.2	2.1	1.6	.4												64	64	35	18														
7/59	.4	2.3	4.2	4.6	1.8	1.2	.3											113	113	34	31														
7/57		3.1	2.6	3.3	1.8	.3												85	85	51	28														
5/55		2.9	5.2	3.9	.9	.5												103	105	77	46														
4/53	.1	1.8	6.1	3.9	2.9	.1												115	115	99	47														
2/51	.1	.9	2.7	1.4	1.4													42	42	103	56														
5/49		1.7	1.4	.9	.4	.5												33	33	113	66														
7/47		.7	1.3	1.8	.9													36	36	58	90														
4/45		1.4	3.7	1.2	.5													47	47	54	88														
4/43		.3	.8	.4														11	11	33	57														
2/41		.1	1.2	.5	.4													17	17	47	70														
4/37		.4	.4	.1														7	7	12	27														
3/37																				18	39														
7/35																				7	29														
3/33																				3	23														
2/31																					11														
7/29																					7														
2/27																					10														
7/25																					4														
2/23																					3														
2/21																					1														
7/17																					1														
TOTAL		.721	.532	.926	.313	.8	3.9	.9										767	770		767														

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

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4237580	56142	73.2	12.935	767			1.5				90
Wet Bulb	2928013	39143	51.0	6.299	767							90
Dew Point	1722536	35800	46.7	8.204	767		4.3					90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16.15 HELLENIKON AB GP 73-81 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 2670-0300
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 69				.3		.3												4	4																
6 / 67			.3		.1	.4												6	6																
6 / 65		1.2	.9	.3	.5	.1												24	24	6															
4 / 63	.4	2.7	2.1	1.2	.5	.9												62	62	19	14														
7 / 61	.1	1.4	1.6	1.7	1.4	.3												45	45	27	22														
7 / 59	.1	3.1	4.5	3.7	2.2	.6												105	105	40	27														
7 / 57	.1	4.2	4.2	2.6	2.3	.3												105	105	46	27														
5 / 55	.6	3.8	4.5	5.2	2.1	.3												127	127	95	48														
4 / 53		1.4	3.6	4.5	1.6	.1												87	87	172	51														
2 / 51		1.2	3.2	1.9	.9	.3												58	58	87	66														
5 / 49		.5	1.7	2.2	1.7	.3												44	44	114	60														
7 / 47		.3	1.2	.8	.1													18	18	70	71														
4 / 45		1.7	3.7	2.3	.4	.3												54	54	51	100														
4 / 43		.1	.6	.9														13	13	38	55														
2 / 41		.1	.8	.6	.1													13	13	40	71														
4 / 39		.1	.3	.4														6	6	17	31														
3 / 37			.1															1	1	14	37														
7 / 35																				10	28														
3 / 33		.1																1	1	4	24														
2 / 31																				1	12														
7 / 29																					7														
7 / 27																					10														
7 / 25																					3														
2 / 23																					6														
2 / 21																					1														
TOTAL	1.4	21.3	32.6	27.2	13.5	4.0													771	771	771														
																		771		771															

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

Element (K)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4236899	56631	73.5	12.857	771	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2332528	42616	55.3	5.920	771			1.2				90
Wet Bulb	230058	39258	51.9	6.356	771			.1				90
Dew Point	1727919	35941	46.6	8.256	771			4.6				90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 18 STATION HELLENIKON AB GR STATION NAME

73-81 YEARS

NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 73					.3	.3			.1									1	1																
4 / 72									.4									7	7																
4 / 69			.6	.3	.9	.5			.1									19	19																
4 / 67			1.8	.5	1.3	.3	.4	.4										36	36																
6 / 65		.6	2.7	1.8	1.9	1.7	.6											68	68	16															
4 / 63		1.4	3.3	5.9	3.1	3.3	.4	.3										138	138	27	17														
4 / 61		1.7	2.3	3.5	5.9	1.4	.3											112	113	46	27														
4 / 59		.8	2.3	5.4	5.3	2.2	.5	.3										126	127	73	27														
4 / 57		.9	1.2	3.5	2.3	2.8	.4											86	86	87	49														
5 / 55		.4	.8	2.8	3.5	1.7	.3											68	68	103	47														
4 / 53		.4	1.7	2.3	2.2	.9	.3											55	55	111	68														
2 / 51			.3	.4	1.3	.6												22	20	32	51														
5 / 49			.1	1.7	1.2	.1	.3											21	21	66	66														
4 / 47			.1	.5		.1												6	6	74	79														
4 / 45				.8	.1													7	8	32	87														
4 / 43			.1	.3	.4													6	5	35	58														
2 / 41					.4													3	3	11	58														
4 / 39		.1																1	1	2	22														
3 / 37		.1																1	1	3	33														
4 / 35		.1																1	1	5	36														
3 / 33																				2	16														
2 / 31																					9														
4 / 29																					5														
4 / 27																					12														
4 / 25																					2														
2 / 23																					6														
2 / 21																					1														
TOTAL		5.2	15.7	29.0	29.5	15.0	3.8	1.0											782	785		782													

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3379583	50445	64.5	12.676	782	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2833847	46959	59.8	5.618	785			7.2	.1			97
Wet Bulb	2258169	41755	53.4	6.057	782			.1				93
Dew Point	1813668	37092	47.4	8.339	782		3.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1675 STATION HELLENIKON AB GR STATION NAME 73-61 YEARS NOV MONTH PAGE 1 1200-1400 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
75											.1	.1						3	3																
72				.1	.3				.1	.5								14	14																
71			.1	.5	.7	.9	.7	.4	.3									23	23																
69			1.2	1.2	2.1	.9	1.7	.1										52	52																
67		.3	1.4	1.3	3.5	2.9	1.3	.3										34	34	8															
65	.1	1.7	1.7	3.3	3.1	1.6	.1											84	84	17	4														
63	.5	.7	6.3	5.3	8.1	1.4	.4	.1										173	173	39	15														
61	.9	.5	2.7	4.7	2.7	3.1	.4											104	104	55	23														
59	.7	1.6	1.7	3.6	2.3	2.7	.4	.3										96	97	82	34														
57	.4		.9	2.6	1.2	1.5	.5											55	55	105	32														
55	.1	.1	1.4	1.2	1.6	.5												39	35	118	59														
53	.1	.4	.5	.5	.7													14	14	103	60														
51			.3	.4	.1													6	7	62	66														
49			.3	.4	.1	.1	.1											3	3	72	61														
47		.1	.3	.3	.7													10	10	78	66														
45		.1																1	1	33	107														
43																				15	49														
41	.1	.1																2	2	10	49														
39	.1																	1	1	5	35														
37																				6	27														
35																					25														
33																					17														
31																					11														
29																					6														
27																					8														
25																					5														
23																					1														
21																					1														
TOTAL		3.4	7.4	18.1	29.8	23.7	14.3	2.9	1.2	.1	.1							769	772	756	768														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	786342	45170	58.8	13.002	768							90
Dry Bulb	355724	48324	62.8	5.383	770			27.6	2.7			90
Wet Bulb	233456	42776	54.3	5.740	768			.9				90
Dew Point	1793972	36556	47.6	8.386	768		4.3					90

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 HELLEVIKON AB GR 73-81 NOV
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
1 / 75							.7	.1																											5	5			
4 / 73							.1	.4	.1																										5	5			
1 / 71				.3		.1	.5	.4																											11	11			
1 / 69			.7	.9	1.2	1.6	.4	.7	.1																										44	44			
6 / 67		.3	2.5	1.7	2.1	1.3	1.0	.7																											73	73	6		
6 / 65		.4	2.7	2.5	2.3	2.3	.7	.1																											79	80	12	4	
4 / 63		.4	2.7	6.3	5.4	7.0	1.8	.1																											176	176	46	14	
1 / 61		.1	1.7	3.2	5.4	1.7	2.1	.3																											139	139	59	20	
1 / 59		.3	1.2	2.6	3.3	2.7	1.8	.3																												93	95	75	42
4 / 57	.1	.3	.7	2.1	3.3	2.0	.9																												69	71	100	41	
5 / 55		.3	.5	1.0	1.7	1.8	.3	.1																											44	45	103	58	
4 / 53		.3	.5	.7	.8	.8	.3	.1																											26	27	115	57	
2 / 51			.1	.3	.1	.1																													5	5	60	64	
5 / 49				.1	.3	.1	.1																												5	5	73	58	
1 / 47		.1	.3	.1	.8	.3	.1																												13	13	45	77	
4 / 45			.5	.1																															5	5	37	92	
4 / 43																																				5	5	10	50
2 / 41		.1	.1																																2	2	14	52	
4 / 39		.1																																	1	1	6	41	
3 / 37		.1																																	1	1	4	32	
1 / 35																																					1	19	
3 / 33																																						16	
2 / 31																																					12		
1 / 29																																					8		
2 / 27																																					5		
1 / 25																																					2		
2 / 23																																					1		
2 / 21																																					1		
1 / 19																																					1		
1 / 17																																					1		
TOTAL	.1	2.7	12.7	21.7	26.9	22.1	10.7	2.6	.1	.4																										766	773	766	

USAFETAC FORM 0-26-5 (OLA) AIR 34 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2983433	46737	61.0	13.129	766			16.1	1.2			90
Wet Bulb	2305962	41794	54.6	5.788	766			.7				90
Dew Point	1806428	36664	47.9	8.208	766		3.6					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-160 HELLENIKON AB GR 73-81 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
4/ 73							.1											1	1																
7/ 71						.4			.1									4	4																
7/ 59						.1	.1											2	2																
6/ 67			.4	.1	.5	.3	.1											11	11																
6/ 65		1.9	1.9	1.3	1.1	.6	.5	.1										59	59	8															
4/ 63	.3	2.3	5.5	6.1	2.7	2.7	.4	.1										146	146	22	21														
7/ 61	.3	.6	3.3	2.9	4.3	1.3	.4											103	104	55	18														
7/ 59		1.8	2.9	7.1	5.1	2.3	.5											155	155	60	40														
7/ 57		.9	.5	3.9	.6	.8	.3											55	55	100	40														
5/ 55		.6	.8	5.2	3.9	.8	.3	.1										92	92	93	55														
4/ 53		.6	.9	2.5	3.4	.6	.5											68	69	104	62														
2/ 51			.9	1.1	1.7	1.3												39	39	83	55														
5/ 49			.4	1.4	.6	.1												20	20	76	55														
7/ 47				.6	.4	.1												9	9	65	71														
4/ 45			.4	.1	.5	.4												11	11	50	102														
4/ 43			.1	.4	.3													6	6	78	52														
2/ 41		.3	.5															6	6	21	60														
4/ 39																				13	39														
3/ 37																				6	36														
7/ 35																				3	20														
3/ 33																					23														
2/ 31																					11														
7/ 29																					8														
7/ 27																					8														
7/ 25																					6														
7/ 23																					3														
2/ 21																					2														
TOTAL	.5	9.0	18.4	32.8	24.5	11.1	3.2	.4	.1									787	789	787	787														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3026259	52391	66.6	13.277	787	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2754849	46433	58.9	5.313	789			2.1	.1			90
Wet Bulb	2235191	41673	53.0	6.015	787							90
Dew Point	1817327	37229	47.3	8.457	787		4.3					90

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 STATION HELLNIKON AB GR STATION NAME 73-81 YEARS NOV MONTH

PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
47 / 73																	.1															1	1						
47 / 69																	.3																4	4					
67 / 67																	.1	.1															8	8					
67 / 65																	.3	.4															25	25		3			
47 / 63																	.5	1.5	1.2														129	129		18	16		
47 / 61																	.4	.9	2.7	1.4	2.1	.9	.1										66	66		65	20		
47 / 59																	2.3	3.7	7.6	4.4	1.8												154	154		43	44		
47 / 57																	2.3	2.8	4.1	2.2	.8												95	95		77	43		
57 / 55																	1.7	1.5	6.0	2.2	.3												86	87		85	55		
47 / 53																	.8	2.4	2.1	2.1	.5	.1											62	62		101	53		
47 / 51																	.1	1.4	2.1	2.2	1.7	.1											54	54		97	47		
57 / 49																	.3	1.3	2.1	.6	.3												35	35		122	67		
47 / 47																	.5	.8	.9	1.2													26	26		54	64		
47 / 45																		.8	.5	.1													11	11		54	97		
47 / 43																	.4	.4	.4	.5													13	13		37	69		
27 / 41																	.1	.6	.3														8	8		27	50		
47 / 39																																					14	40	
27 / 37																																				7	35		
47 / 35																																				3	25		
37 / 33																																					15		
27 / 31																																					17		
47 / 29																																					12		
47 / 27																																					2		
47 / 25																																					2		
27 / 23																																					4		
TOTAL																	.1	14.7	24.3	33.2	72.0	26.8	.6	.4											777	778		777	

Element (X)	Σx^2	Σx	\bar{x}	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	39568.5	54533	70.2	12.915	777	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2587296	44662	57.4	5.490	778			1.5	.1			93
Wet Bulb	2153629	40635	52.3	6.063	777							90
Dew Point	1799411	36845	47.4	8.205	777		4.3					96

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 75																		8	8																
4 / 73				.1	.0	.0	.2	.0	.1									22	22																
/ 71			.1	.1	.1	.2	.1	.1	.0	.0								47	47																
/ 69			.3	.3	.7	.5	.2	.1	.0									135	135																
/ 67		.1	.9	.5	1.1	.7	.4	.2										242	242	15															
6 / 65		.9	1.3	1.2	1.7	1.7	.5	.0										385	386	72	11														
4 / 63	.2	2.4	2.8	4.2	3.4	2.9	.6	.1	.0									968	969	213	122														
/ 61	.1	1.1	2.1	2.3	3.3	1.0	.7	.1										667	669	327	176														
/ 59	.1	1.7	3.1	4.5	3.6	1.7	.6	.1	.0									959	963	449	272														
/ 57	.1	1.8	1.9	3.1	2.2	1.0	.4	.1										654	656	637	298														
5 / 55	.1	1.4	2.3	3.8	2.2	.8	.2	.0										670	674	745	420														
/ 53	.1	.9	2.4	2.4	1.9	.4	.2	.0										506	508	842	468														
2 / 51	.1	.4	1.1	1.7	1.2	.5	.0	.0										242	263	671	463														
5 / 49	.1	.3	.7	1.2	.8	.2	.1	.0										205	205	706	514														
/ 47	.1	.3	.7	.8	.5	.2	.0	.0										157	157	456	589														
4 / 45	.1	.3	1.1	.7	.2	.1												151	152	348	741														
4 / 43	.1	.1	.3	.4	.2	.0												66	66	238	455														
2 / 41	.1	.1	.5	.2	.2													63	64	206	452														
4 / 39	.1	.1	.1															20	20	89	276														
3 / 37	.1	.1																3	3	72	282														
/ 35	.1																	1	1	34	207														
3 / 33	.1																	1	1	11	155														
2 / 31																				1	103														
/ 29																					60														
2 / 27																					58														
/ 25																					24														
2 / 23																					33														
2 / 21																					8														
/ 19																					2														
/ 17																					2														
1 / 15																					1														
TOTAL	.5	12.1	21.8	27.0	21.9	11.3	4.3	.9	.2	.1	.0							6192	6212	6192	6192														
Element (K)	2x ¹	2x	X	x ₂	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	29402980	417830	67.5	13.970	6192	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	21517649	363457	58.5	6.245	6212		.1	52.6	3.5			720																							
Wet Bulb	17456368	326490	52.7	6.239	6192		.1	1.7				720																							
Dew Point	14271271	292783	47.3	8.308	6192		33.8					720																							

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-16 STATION HELLENIKON AB GR STATION NAME 73-81 YEARS DEC MONTH

PAGE 1 0000-0200
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/65			.2	.1	.5	.1												3	8																
47/63		.6	.9	.9	.1	.1												21	21																
7/61		.4	1.7	1.7	.6	.1												31	31	8	1														
7/59		1.1	2.2	2.5	1.2	.4												56	56	10	6														
7/57		1.6	3.7	2.7	1.1	.1												69	69	38	8														
5/55	.1	2.6	2.5	3.3	.5	.1												74	74	44	25														
4/53		4.1	4.6	4.4	1.7	.2												116	116	94	47														
2/51		3.3	5.4	3.3	.4													101	101	82	57														
5/47		2.2	6.9	1.8	.7	.1												96	97	111	76														
7/47		2.5	3.1	2.8	.5													72	72	100	72														
4/45	.1	2.5	3.7	3.2	1.1													86	86	111	95														
4/43		.7	1.6	1.2	.5	.1												12	32	57	83														
2/41		.9	.7	1.0	.2	.2												25	27	53	94														
4/37		.4	1.1	.4	.2													16	16	51	56														
3/37		.6																5	5	23	33														
7/35			.2	.1														3	3	22	65														
3/33																				6	22														
2/31																				4	19														
7/29																					26														
7/27																					12														
7/25																					5														
2/23																					4														
2/21																					4														
1/19																					1														
1/13																					2														
TOTAL		.223	.436	.929	.58	.41	1.7													814	811														
																		811			811														
Element (X)	Z _x	Z _y	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	452.315	59793	73.7	11.755	811	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2211088	42154	51.8	5.878	814							93																							
Wet Bulb	1878470	38734	47.8	5.932	811		.5					93																							
Dew Point	1576627	35219	43.4	7.632	811		8.4					93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
4 / 63		.3	.8	.8	.1	.4	.1										19	19		
/ 61		.4	1.1	.9	.6	.1											25	25	5	2
/ 59		.8	2.3	1.5	1.3	.5											50	50	6	3
/ 57		1.5	1.8	3.3	.3												62	62	24	7
5 / 55		2.1	3.6	3.6													75	75	36	19
/ 53		3.3	5.6	2.3	.5	.1											94	94	63	34
2 / 51		3.8	5.3	2.1	.4	.4											95	95	111	39
5 / 49		2.9	4.0	2.1	.5												76	76	116	59
/ 47	.1	2.1	4.9	2.5	.5												81	81	79	86
/ 45	.1	4.8	3.3	4.1	.8												104	104	95	108
/ 43		2.0	3.1	1.4	.3	.3											56	56	75	64
/ 41	.1	.8	2.3	.6	.4	.1											34	34	59	94
/ 39		.3	.6	.9	.1												15	15	63	59
/ 37		.5	.3														6	6	31	43
/ 35		.3	.1														3	3	16	47
/ 33			.3														2	2	13	34
/ 31																			5	30
/ 29																				17
/ 27																				14
/ 25																				7
/ 23																				5
/ 21																				3
/ 19																				1
/ 17																				1
/ 15																				1
/ 13																				1
TOTAL		.425	.639	.326	.6	6.1	1.9	.1									797	797	797	797

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	453745.1	59400	74.5	11.777	797	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2389822	40540	50.9	5.902	797							93
Wet Bulb	1787873	37455	47.0	5.897	797		.6					93
Dew Point	1503960	34108	42.8	7.459	797		9.2					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 HELLENIKON AB GR 73-81 YEARS DEC MONTH

PAGE 1 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
4 / 53		.1	.5	.4		.1												11	11										
4 / 51		.1	.8	.9	.8	.1												21	21	1	1								
4 / 59		.9	1.3	2.3	1.3													43	43	7	1								
5 / 57	.1	1.2	2.2	3.0	1.2													58	58	18	8								
5 / 55		2.5	2.8	3.5	.5													74	75	27	15								
4 / 53		2.9	5.7	2.9	.5													95	96	64	21								
2 / 51		4.1	5.8	1.1	.6	.1												93	93	94	39								
5 / 47		2.4	3.9	2.5	.5	.1												75	75	120	51								
4 / 47	.1	1.9	5.3	1.9	.6													78	79	81	84								
4 / 45	.1	4.2	5.7	4.1	.1	.1												113	113	86	106								
4 / 43		2.3	2.4	2.7	.1	.3												56	56	88	76								
2 / 41		1.3	2.3	1.4	.5													43	43	72	107								
4 / 35		.4	.6	.8	.3													16	16	54	71								
3 / 37	.1	.4	.5	.1														9	9	36	40								
4 / 35		.1																1	1	19	51								
3 / 33			.4															3	3	16	37								
2 / 31																				5	30								
1 / 29																				1	13								
2 / 27																					14								
1 / 25																					9								
2 / 23																					6								
2 / 21																					3								
1 / 19																					6								
TOTAL		.524	.640	.426	.768	.9												789	792	789	789								
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆	Z ₇	Z ₈	Z ₉	Z ₁₀	Z ₁₁	Z ₁₂	Z ₁₃	Z ₁₄	Z ₁₅	Z ₁₆	Z ₁₇	Z ₁₈	Z ₁₉	Z ₂₀	Z ₂₁	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4434576	58454	74.1	11.485	789	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F												789						93
Dry Bulb	2038019	39913	52.8	5.798	792																		792						93
Wet Bulb	1732442	36686	46.5	5.816	789										.7								789						93
Dew Point	1447884	33296	42.2	7.369	789										9.5								789						93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR 73-81 YEARS DEC MONTH
 STATION STATION NAME
 PAGE 1 2900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
6 / 67						.1												1	1		
6 / 65			.1	.5	.1	.2												9	8		
4 / 63		.2	.6	3.1	1.8	.7	.2											55	55		
/ 61		.2	1.4	2.2	1.5	.5	.1											48	48	13	1
/ 59		.5	3.4	4.1	2.8	2.0	.1											105	105	13	5
/ 57		.4	3.0	4.8	1.8	.2												93	84	39	10
5 / 55		2.2	2.8	5.4	3.0	.6												114	114	69	16
4 / 53	.1	.9	3.3	4.1	3.0	.5	.2											98	98	91	39
2 / 51		.4	2.8	3.2	2.2			.1										71	71	99	71
5 / 49		.2	3.4	2.7	.9	.5												57	57	112	50
/ 47	.1	1.1	2.7	1.7	1.0	.5												57	57	93	84
4 / 45	.1	1.1	3.3	2.8	1.1	.2												71	71	105	90
4 / 43		.5	.9	.9	.2	.4												23	23	53	74
2 / 41		.2	.6	.6														12	12	60	125
4 / 39		.7		.1														7	7	27	45
3 / 37	.1			.1														2	2	28	59
/ 35				.1														1	1	10	53
3 / 33																				2	34
2 / 31																			2		12
/ 29																					11
2 / 27																					15
/ 25																					3
2 / 23																					7
2 / 21																					6
/ 19																					1
/ 17																					1
1 / 15																					1
TOTAL	.5	8.6	28.4	35.7	19.4	6.5	.7	.1										813	814	813	813

Element (X)	Z _X ¹	Z _X	X	a _X	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	3862981	55183	67.9	12.024	813	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2396659	43914	53.9	5.822	814			.1				93
Wet Bulb	1953716	39586	48.7	5.683	813		.2					93
Dew Point	1562805	35121	43.2	7.494	813		6.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIKON AB GR 73-81 YEARS DEC MONTH
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6 / 67				.1	.4	.1												5	5		
6 / 65			.4	1.0	.5	.1												19	19		
4 / 63	.1	.1	1.4	5.5	3.6	2.4	.6	.1										111	111	2	1
4 / 61		.1	2.6	3.5	3.8	1.0	.5											92	93	9	
4 / 59		.4	2.9	6.7	4.9	2.5	1.0											141	141	28	7
4 / 57		.8	1.3	2.9	4.5	2.8	.8											103	103	80	14
5 / 55		.6	.9	2.9	3.9	1.6	.4	.1										83	83	94	30
4 / 53	.3	.4	1.4	2.1	2.9	1.0	.4	.1										68	68	136	63
2 / 51		.4	1.5	1.5	1.5	.3	.5	.1										46	46	80	69
5 / 49			1.9	.9	1.0	.8	.4											39	39	95	49
4 / 47		.8	1.0	1.0	.4	.4												28	28	100	75
4 / 45	.1	.5	2.1	1.6	.6	.1	.1											42	42	81	83
4 / 43		.1	.4	.1	.1													6	6	32	60
2 / 41		.3	.5	.5	.1													11	11	48	98
4 / 39		.1		.1														2	2	25	61
3 / 37				.1																9	54
4 / 35																				5	34
3 / 33																				2	40
2 / 31																					15
4 / 29																					12
4 / 27																					12
4 / 25																					3
2 / 23																					5
2 / 21																					4
4 / 19																					3
4 / 17																					4
TOTAL	.5	4.5	18.2	29.9	29.5	13.1	4.8	.5										796	797	796	796
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Rel. Hum.	3314331	50339	63.2	12.832	796																
Dry Bulb	2586727	45179	56.7	5.682	797			6					93								
Wet Bulb	2041721	40059	50.3	5.690	796								93								
Dew Point	1579466	34886	43.8	7.972	796		6.8						93								

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16716 HELLENIKON AB GR STATION NAME

73-81 YEARS

YEARS

DEC MONTH

PAGE 1 1500-1700 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																							
6 / 55			.1	.5	.4	.1	.1		.1												11	11																					
4 / 63		.3	1.6	5.6	1.6	2.1	.5														94	94																					
7 / 61		.3	2.5	3.3	2.4	.8	.4	.3													78	79	10																				
7 / 59		1.3	4.4	6.6	4.7	1.5	1.1														155	155	19	8																			
7 / 57		.4	1.8	4.1	3.9	2.9	.8														109	109	76	14																			
5 / 55		.3	1.4	4.4	3.2	1.6		.1													87	87	95	27																			
4 / 53		.6	1.7	3.4	2.4	.5		.1													64	66	96	61																			
2 / 51	.3	.4	1.4	3.7	2.4	.4	.1	.1													64	64	96	58																			
5 / 49		.3	1.6	1.3	1.1	.9	.3														43	43	102	57																			
7 / 47		.3	.5	1.0	.6	.4	.1														23	23	101	76																			
4 / 45		.3	1.6	2.9	.6	.1	.3														46	46	83	90																			
4 / 43			.4	.5	.4																10	10	28	57																			
2 / 41		.3	.4	.3																	7	7	34	98																			
4 / 39																							42	53																			
3 / 37	.1																				1	1	11	53																			
7 / 35																							7	35																			
3 / 33																								41																			
2 / 31																								25																			
7 / 29																								6																			
7 / 27																								10																			
7 / 25																								9																			
2 / 23																								5																			
2 / 21																								2																			
7 / 19																								3																			
7 / 17																								3																			
1 / 15																								1																			
TOTAL	.4	4.4	18.8	36.7	23.7	11.4	3.7	.6	.3												792	795	792																				
																						792	792																				
Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																																
Rel. Hum.	3356175	50611	63.9	12.520	792	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	93																															
Dry Bulb	2534830	44682	56.2	5.449	792							93																															
Wet Bulb	207100	39620	50.0	5.633	792							93																															
Dew Point	1561145	34591	43.0	7.980	792		7.5					93																															

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-16 HELLEYIKON AB GR 73-81 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1870-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 57		.6	1.7	1.6	.4	.4													32	32															
4 / 51		.5	1.9	2.5	1.4	.6													55	57	8	1													
4 / 59		1.1	4.7	4.3	2.7	.9	.2												107	107	9	8													
4 / 57		2.6	3.6	4.3	1.1	.6	.1												99	99	43	13													
5 / 55		1.9	2.7	6.2	2.7	.4													112	112	74	22													
4 / 53		1.2	3.5	4.6	2.6	.6													101	101	96	62													
2 / 51		1.7	4.1	4.7	1.6	.1													89	89	101	60													
5 / 47		.6	2.8	2.6	1.2	.1	.1												61	61	102	54													
4 / 47		1.2	1.7	2.7	.2	.5													46	46	102	70													
4 / 45		.5	2.3	2.5	2.2	.4	.2												66	66	99	106													
4 / 43			1.1	.9	.2	.1													19	19	50	63													
2 / 41			.7	.6	.1														12	12	39	102													
4 / 39		.4	.4																6	6	40	55													
3 / 37	.1		.4																4	4	28	54													
4 / 35																					13	35													
3 / 33																					5	42													
2 / 31																						17													
4 / 29																						17													
4 / 27																						16													
4 / 25																						8													
2 / 23																						6													
2 / 21																						2													
4 / 17																						1													
1 / 15																						2													
TOTAL	.1	11.9	29.4	36.7	16.4	4.7	.7												829	811	829	809													
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3973934	55836	69.0	12.198	809	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2367749	43595	53.8	5.479	811							93																							
Wet Bulb	1946266	39406	48.7	5.761	809							93																							
Dew Point	1577741	35161	43.5	7.832	809		7.9					93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 15 HELLENIKON AB GR
 STATION STATION NAME

73-81
 YEARS

DEC
 MONTH

PAGE 1 2100-2300
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
6 / 65						.1												1	1					
4 / 63		.5	1.7	.6	.3	.1												22	20					
2 / 61		.4	1.3	2.3	.9	.4												41	41	7	1			
/ 59		1.3	3.9	3.3	.6	1.7												87	87	9	7			
/ 57		2.0	3.1	4.3	1.6	.4	.1											92	94	28	10			
5 / 55		2.5	3.5	4.9	1.1	.3												98	100	69	22			
4 / 53	.1	1.6	2.6	3.6	2.3													92	82	78	41			
2 / 51		2.1	4.9	3.5	.9													91	91	98	59			
6 / 49		1.8	4.6	2.1	1.3													78	78	115	57			
/ 47	.1	1.9	2.9	3.1	.5													65	68	99	85			
4 / 45		1.4	3.3	3.1	1.3													72	72	105	100			
4 / 43	.3	1.0	1.2	1.8	.6	.3												39	41	53	62			
2 / 41		.8	1.5	.4	.3													23	23	50	113			
4 / 39		.4	.5															7	7	42	54			
3 / 37		.1	.3															3	3	35	36			
/ 35			.1															1	1	12	49			
3 / 33																				5	26			
2 / 31																				1	30			
/ 29																					16			
/ 27																					16			
/ 25																					5			
2 / 23																					2			
2 / 21																					2			
/ 19																					1			
/ 17																					1			
/ 15																					1			
TOTAL	.5	17.7	34.5	33.0	11.6	2.5	.1											796	802	706	796			
Element (X)	Σ x'	Σ x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	4235.17	57295	72.0	11.816	796	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2235.45	42799	52.5	5.704	802							93												
Wet Bulb	1865.37	38267	48.1	5.790	796			.1				93												
Dew Point	1546.37	34573	43.4	7.541	796		8.6					93												

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

CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 1 STATION HELLENIKON AB GR 73-81 YEARS DEC MONTH
 PAGE 1 ALL HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
67																		5	6																
65				.1	.3	.2	.1	.0										47	47																
63	.0	.3	1.0	2.3	1.0	.8	.2	.0										363	363	2	1														
61		.3	1.6	2.2	1.5	.5	.1	.0										391	395	58	7														
59		.9	3.0	3.8	2.4	1.1	.3											737	737	171	45														
57		1.3	2.5	3.7	2.2	.9	.2											675	678	346	81														
55	.1	1.8	2.5	4.3	1.9	.6	.0	.0										717	720	508	176														
53	.1	1.9	3.5	3.4	1.9	.4	.1											718	721	678	366														
51	.1	2.0	3.9	2.7	1.2	.2	.1											650	650	750	452														
49		1.3	3.7	1.9	.9	.3	.1											525	526	873	453														
47	.1	1.5	2.7	2.1	.5	.2	.0											453	454	755	630														
45	.1	1.9	3.2	3.1	1.0	.1	.1											600	600	765	778														
43		.8	1.4	1.1	.3	.2												241	243	436	559														
41		.5	1.1	.7	.2	.0												167	169	415	831														
39		.3	.4	.3	.1													69	59	344	454														
37	.1	.2	.2	.3														30	30	271	372														
35		.7	.1	.3														9	9	174	369														
33		.1																5	5	49	274														
31																				17	178														
29																				1	118														
27																					109														
25																					49														
23																					40														
21																					26														
19																					15														
17																					11														
15																					5														
13																					4														
TOTAL	.4	15.1	30.8	31.9	15.1	5.3	1.3	.2	.0									6423	6422	6403															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	32236779	446911	69.8	12.768	6403	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	18460830	342076	53.3	6.110	6422			.7				744
Wet Bulb	15213218	309806	48.4	5.907	6403		2.1					744
Dew Point	12356465	276955	43.3	7.675	6403		64.5					744

USAFETAC FORM 0-26-5 (OLA) 1 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06 16 HELLENIKON AB GR 73-81 ALL MONTH

PAGE 1 ALL MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		Po.			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
2 / 11																	.0																				1	1	
5 / 49																	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	35		
6 / 97																	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	64	65		
6 / 95													.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	130	131			
7 / 93																	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	161	162		
7 / 91														.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	325	326			
7 / 89								.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	544	549			
8 / 87								.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	856	859			
8 / 85				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1288	1290			
4 / 83				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1538	1540			
7 / 81				.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3652	3659			
7 / 79			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2837	2844	5		
7 / 77		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3896	3911	37		
6 / 75		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3396	3403	261		
4 / 73		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3458	3463	875		
7 / 71		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3474	3478	1464		
7 / 69		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2978	2989	3316		
6 / 67		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2682	2686	4291		
6 / 65		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2898	2903	5389		
4 / 63		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5251	5259	5997		
7 / 61		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3625	3637	5848		
7 / 59		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5716	5740	4768		
7 / 57		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4116	4137	5451		
5 / 55		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4291	4303	5215		
4 / 53		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3844	3858	5456		
2 / 51		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3351	3356	4761		
5 / 49		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2638	2648	5436		
7 / 47		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2372	2378	4124		
4 / 45		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2644	2655	3765		
4 / 43		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1335	1338	2612		
2 / 41		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1241	1245	2032		
4 / 39		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	545	546	1598		
3 / 37		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	310	313	1347		
7 / 35		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	180	182	836		
Element (X)	Σ X'		Σ X		X		X'		No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total																
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 34-1 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1671 STATION HELLENIKON AB GP STATION NAME 73-81 YEARS ALL MONTH

PAGE 2 ALL HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL													
3 / 33	.0	.0	.1	.0														173	103	487	1686														
2 / 31	.0	.0	.2	.0	.0													33	36	225	987														
1 / 27	.0	.0	.0	.0														16	16	82	898														
2 / 27	.0	.0	.0	.0														9	9	28	947														
1 / 25																					6	491													
2 / 23																					3	393													
2 / 21																					3	186													
1 / 19																						106													
1 / 17																						52													
1 / 15																						23													
1 / 13																						9													
1 / 11																						3													
1 / 9																						10													
1 / 7																						3													
1 / 5																						2													
1 / 3																						1													
TOTAL	.2	7.9	17.3	20.7	16.3	11.5	8.8	6.0	4.2	2.5	1.9	1.4	.7	.3	.2	.1	.0	75844				75633													
																		75633				75633													

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	306121163	4656221	61.6	16.054	75633							
Dry Bulb	322399220	4852776	64.0	12.526	75644		7.0	3620.7	2566.1	114.4	46.5	8760
Wet Bulb	242907810	4227846	55.9	9.323	75633		38.2	1191.0	130.4	.2		8760
Dew Point	191979120	3737224	49.4	9.847	75633		474.0	189.9	8.5			8760

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

16 187 HELLENIKON AB GR

73-81

STATION	STATION NAME	YEARS												
HRS PER DAY		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-17		MEAN 47.3	49.2	51.8	56.0	63.5	71.4	76.7	75.5	70.7	64.3	56.5	51.8	61.2
		S D 6.037	6.099	5.226	4.044	4.132	4.218	3.929	3.697	4.285	5.704	5.987	5.878	11.222
		TOTAL OBS 507	736	806	778	815	784	791	788	771	807	776	814	9473
-15		MEAN 46.5	48.2	50.3	54.4	61.9	69.3	74.7	73.7	69.0	62.8	55.5	50.9	59.3
		S D 6.113	6.294	5.292	4.061	4.177	4.162	3.867	3.752	4.385	5.646	6.005	5.902	10.941
		TOTAL OBS 873	736	803	776	817	770	788	789	770	810	770	797	9429
-14		MEAN 46.1	47.7	50.3	55.3	64.1	71.9	76.8	75.1	69.8	62.9	55.3	50.4	60.5
		S D 6.236	6.270	5.235	4.233	4.529	4.548	4.043	3.853	4.327	5.597	5.920	5.798	11.739
		TOTAL OBS 816	738	808	779	813	792	784	792	761	813	771	792	9459
-11		MEAN 49.4	51.3	55.4	60.3	69.2	77.2	82.7	81.7	76.4	68.5	59.8	53.9	65.5
		S D 6.018	6.352	5.422	4.280	4.646	4.875	4.232	4.152	4.693	6.152	5.618	5.822	12.603
		TOTAL OBS 805	743	806	780	825	779	775	785	788	815	785	814	9500
1-14		MEAN 52.2	54.2	58.4	63.2	72.0	80.2	85.9	85.2	79.8	71.6	62.8	56.7	68.6
		S D 6.108	6.470	5.501	4.459	5.033	5.196	4.715	4.402	5.032	6.490	5.383	5.682	12.859
		TOTAL OBS 797	735	811	778	816	778	789	793	791	811	770	797	9466
-17		MEAN 51.9	54.1	58.7	63.2	71.9	80.7	86.5	85.4	79.6	70.9	62.0	56.2	68.5
		S D 6.080	6.258	5.643	4.576	5.514	5.263	5.246	4.541	5.301	6.403	5.488	5.444	13.091
		TOTAL OBS 810	736	811	774	809	774	793	797	788	804	773	795	9464
-20		MEAN 49.5	51.5	55.8	60.1	68.7	77.5	82.7	81.2	75.3	67.2	58.9	53.8	65.2
		S D 5.924	6.146	5.352	4.369	5.184	5.347	4.924	4.403	4.907	5.820	5.313	5.479	12.528
		TOTAL OBS 817	741	806	783	818	777	791	801	788	809	789	811	9531
1-23		MEAN 48.1	49.9	53.5	57.6	65.5	73.7	78.7	77.5	72.4	65.3	57.4	52.5	62.7
		S D 5.900	6.145	5.097	4.108	4.340	4.655	4.096	3.828	4.263	5.698	5.490	5.704	11.633
		TOTAL OBS 815	747	807	779	819	791	789	801	780	814	778	802	9522
ALL HOURS		MEAN 48.9	50.8	54.3	58.8	67.1	75.2	80.6	79.4	74.2	66.7	58.5	53.3	64.0
		S D 6.422	6.668	6.196	5.356	5.943	6.238	6.071	5.932	6.148	6.763	6.245	6.110	12.526
		TOTAL OBS 6470	5912	6458	6227	6532	6245	6300	6346	6237	6483	6212	6422	75844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

610 HELLENIKON AB GR

73-81

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-3	MEAN 43.4	45.3	47.6	51.0	57.5	62.8	65.7	64.5	61.5	57.8	51.9	47.8	54.7
	S D 6.203	6.355	5.378	4.115	3.700	3.757	3.765	3.967	4.266	5.550	6.367	5.912	9.056
	TOTAL OBS 606	735	873	777	813	784	788	787	770	807	774	811	9455
4-6	MEAN 42.7	44.6	46.5	49.8	56.3	61.7	64.4	63.5	60.4	56.8	51.0	47.0	53.7
	S D 6.250	6.383	5.309	4.119	3.732	3.717	3.548	3.644	4.063	5.570	6.299	5.897	8.924
	TOTAL OBS 803	736	801	772	817	770	784	787	768	809	767	797	9411
6-9	MEAN 42.5	44.3	46.4	50.2	57.5	62.8	65.2	64.1	60.8	56.9	50.9	46.5	54.0
	S D 6.364	6.409	5.273	4.211	3.675	3.735	3.493	3.542	4.060	5.597	6.356	5.816	9.293
	TOTAL OBS 814	737	807	778	810	790	783	791	758	812	771	789	9443
9-11	MEAN 44.6	46.4	49.5	53.2	60.2	65.2	67.9	66.8	63.8	59.7	53.4	48.7	56.6
	S D 6.131	6.206	5.284	4.129	3.543	3.723	3.533	3.626	4.276	5.614	6.057	5.683	9.341
	TOTAL OBS 603	736	801	778	822	778	773	783	784	812	782	813	9465
11-14	MEAN 46.2	48.1	51.1	54.8	61.5	66.4	69.3	68.5	65.4	61.0	54.8	50.3	58.2
	S D 6.095	6.180	5.330	4.039	3.331	3.634	3.636	3.684	4.282	5.708	5.740	5.690	9.268
	TOTAL OBS 793	731	809	777	810	774	789	792	791	810	768	796	9442
15-17	MEAN 46.1	48.0	51.4	54.8	61.3	66.3	69.3	68.3	65.4	60.9	54.6	50.0	58.1
	S D 6.080	6.221	5.378	3.996	3.573	3.648	3.523	3.658	4.315	5.646	5.788	5.633	9.287
	TOTAL OBS 805	731	807	772	805	770	786	794	786	801	766	792	9415
18-21	MEAN 44.7	46.7	49.9	53.2	59.7	64.7	67.7	66.4	63.7	59.4	53.0	48.7	56.5
	S D 6.114	6.338	5.276	4.050	3.633	3.712	3.729	3.844	4.294	5.570	6.015	5.761	9.212
	TOTAL OBS 814	741	802	781	815	777	788	801	788	808	787	809	9511
22-23	MEAN 43.8	45.6	48.6	51.8	58.3	63.5	66.3	65.1	62.3	58.3	52.3	48.1	55.4
	S D 6.086	6.405	5.214	3.996	3.652	3.801	3.837	4.050	4.165	5.580	6.063	5.790	9.091
	TOTAL OBS 807	747	804	778	816	789	789	800	779	814	777	796	9496
ALL HOURS	MEAN 44.3	46.1	48.9	52.4	59.0	64.2	67.0	65.9	62.9	58.9	52.7	48.4	55.9
	S D 6.297	6.447	5.606	4.470	4.031	4.053	4.020	4.152	4.594	5.811	6.239	5.907	9.323
	TOTAL OBS 6445	5898	6434	6213	6508	6232	6280	6335	6224	6473	6192	6403	75633

FEDERAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

6 16 HELLENIKON AB GR

73-81

STATION

STATION NAME

YEARS

HRS. ILS T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-32	MEAN	38.6	40.9	43.1	46.2	52.5	56.8	58.5	57.0	54.8	52.6	47.4	43.4	49.3
	S D	8.106	8.227	7.312	6.180	5.675	6.322	6.651	7.042	6.490	7.262	8.360	7.632	9.719
	TOTAL OBS	806	735	803	777	813	784	788	787	770	807	774	811	9455
0-35	MEAN	38.0	40.4	42.3	45.3	51.7	56.2	57.6	56.5	54.1	51.9	46.7	42.8	48.6
	S D	8.155	8.079	6.977	5.979	5.534	5.753	6.063	6.218	5.971	7.274	8.204	7.459	9.502
	TOTAL OBS	803	736	811	772	817	770	784	787	768	809	767	797	9411
0-38	MEAN	37.8	40.3	42.0	45.2	52.1	56.6	57.6	56.6	54.4	52.0	46.6	42.2	48.6
	S D	8.299	8.059	7.012	6.074	5.411	5.638	5.724	5.893	5.910	7.334	8.256	7.369	9.624
	TOTAL OBS	814	737	807	778	810	790	783	791	758	812	771	789	9440
-11	MEAN	38.9	41.1	43.3	46.6	53.5	57.4	58.8	57.3	55.1	52.9	47.4	43.2	49.6
	S D	8.269	7.999	7.534	6.403	5.784	6.415	6.654	6.744	6.665	7.665	8.339	7.494	9.836
	TOTAL OBS	803	736	801	778	822	778	773	783	784	812	782	813	9465
1-14	MEAN	39.2	41.4	43.9	47.4	53.9	57.5	59.4	58.2	55.8	53.0	47.6	43.8	50.1
	S D	8.538	8.158	7.978	6.457	5.908	6.883	7.380	7.480	7.171	8.265	8.386	7.972	10.141
	TOTAL OBS	793	731	809	777	810	774	789	792	791	810	768	796	9440
1-17	MEAN	39.2	41.4	44.1	47.3	53.6	57.0	59.0	57.7	56.0	53.4	47.9	43.7	50.1
	S D	8.443	8.403	7.845	6.443	6.198	7.152	7.422	7.593	7.243	8.154	8.208	7.980	10.087
	TOTAL OBS	805	731	807	772	805	770	786	794	786	801	766	792	9415
-2	MEAN	38.9	41.3	43.9	46.8	52.8	55.9	58.3	56.7	55.6	53.4	47.3	43.5	49.5
	S D	8.216	8.497	7.646	6.382	6.146	7.207	7.723	7.422	7.082	7.699	8.457	7.832	9.901
	TOTAL OBS	814	741	802	781	815	777	788	801	788	808	787	809	9511
1-23	MEAN	38.6	40.7	43.5	46.2	52.5	56.5	58.2	56.7	55.1	52.7	47.4	43.4	49.3
	S D	8.096	8.484	7.468	6.151	6.191	7.022	7.339	7.538	6.607	7.462	8.205	7.541	9.835
	TOTAL OBS	807	747	804	778	816	789	789	800	779	814	777	796	9496
ALL HOURS	MEAN	38.7	40.9	43.3	46.4	52.8	56.7	58.4	57.1	55.1	52.7	47.3	43.3	49.4
	S D	8.276	8.245	7.579	6.306	5.903	6.588	6.925	7.040	6.692	7.661	8.308	7.675	9.847
	TOTAL OBS	6445	5894	6434	6213	6508	6232	6280	6335	6224	6473	6192	6403	75633

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16180 HELLENIKON AB GR 73-81 JAN

STATION STATION NAME PERIOD MONTH

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

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.5	95.3	82.5	57.7	26.8	7.7	72.5	876
	03-05	100.0	100.0	100.0	99.3	96.4	83.4	58.0	29.5	8.3	73.1	803
	06-08	100.0	100.0	99.8	98.8	96.8	83.7	61.5	28.7	7.6	73.4	814
	09-11	100.0	100.0	99.8	98.5	92.2	69.7	45.2	16.8	3.3	68.3	803
	12-14	100.0	100.0	98.7	94.8	81.2	55.1	28.9	9.0	1.5	62.4	797
	15-17	100.0	99.9	99.1	95.8	83.6	58.3	30.1	8.0	1.4	63.2	805
	18-20	100.0	100.0	100.0	98.9	92.4	71.9	42.6	17.1	1.8	67.9	814
	21-23	100.0	100.0	100.0	99.6	93.8	77.3	52.5	23.7	2.7	70.2	807
TOTALS		100.0	100.0	99.7	98.2	91.5	72.7	47.1	19.6	4.3	68.8	6445

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16 16
STATION

HELLENIKON AB GR
STATION NAME

73-81
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.9	96.2	86.1	61.5	26.2	5.9	73.5	735
	03-05	100.0	100.0	100.0	99.7	98.1	87.8	68.3	33.7	9.1	75.2	736
	06-08	100.0	100.0	100.0	99.9	98.8	89.0	70.7	36.4	8.7	75.8	737
	09-11	100.0	100.0	99.7	99.2	92.8	76.8	47.3	15.5	2.3	62.8	735
	12-14	100.0	100.0	99.6	96.3	85.4	58.1	26.9	7.9	1.9	63.0	731
	15-17	100.0	100.0	99.9	96.6	85.1	57.0	30.4	6.8	1.5	63.2	731
	18-20	100.0	100.0	99.9	98.1	93.0	74.5	49.7	16.1	2.6	66.9	741
	21-23	100.0	100.0	100.0	99.9	95.2	78.7	55.4	23.8	4.6	71.4	747
TOTALS		100.0	100.0	99.9	98.7	93.1	76.0	51.3	21.3	4.6	73.0	5894

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16 15
 STATION

HELLENIKON AB GR
 STATION NAME

73-81

PERIOD

APR
 MONTH

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

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.4	97.8	94.7	79.4	56.2	21.8	3.6	70.6	777
	03-05	100.0	100.0	99.9	98.6	94.8	85.5	61.7	27.2	5.3	72.4	772
	06-08	100.0	100.0	99.9	98.2	93.7	78.3	53.3	19.7	3.6	69.7	778
	09-11	100.0	100.0	99.2	94.2	82.1	51.5	27.9	6.9	1.2	61.8	778
	12-14	100.0	100.0	98.5	89.2	71.3	41.3	19.6	5.3	1.0	57.9	777
	15-17	100.0	100.0	98.4	88.3	70.7	39.6	18.9	3.1	.4	57.6	772
	18-20	100.0	100.0	99.0	94.9	80.7	55.3	33.0	8.7	1.5	62.8	781
	21-23	100.0	100.0	99.2	97.2	89.3	69.8	44.1	14.5	2.4	67.1	778
TOTALS		100.0	100.0	99.2	94.8	84.6	62.6	39.3	13.2	2.4	65.0	6213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16150
STATION

HELLENIKON AB GR
STATION NAME

73-81
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
44Y	00-02	100.0	100.0	99.3	96.6	90.2	72.3	50.2	18.7	3.1	68.7	613
	03-05	100.0	100.0	99.6	97.3	91.9	76.6	56.9	23.6	5.1	70.6	817
	06-08	100.0	100.0	98.9	95.8	88.8	70.6	40.0	11.5	2.7	66.4	810
	09-11	100.0	99.9	97.1	90.1	77.4	48.5	17.2	3.4		58.9	822
	12-14	100.0	98.5	94.2	86.3	66.9	37.0	8.4	1.7	.1	54.5	810
	15-17	100.0	99.1	93.3	83.2	63.4	36.9	12.2	2.5	.6	54.6	805
	18-20	100.0	99.5	95.1	87.7	73.1	49.8	22.2	3.7	.5	58.8	815
	21-23	100.0	99.9	98.2	92.6	83.7	61.4	40.4	12.1	1.6	64.5	816
TOTALS		100.0	99.6	97.0	91.2	79.4	56.6	30.9	9.7	1.7	62.2	6508

AD-A122 712

HELLENIKON AS GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 29 JUL 82

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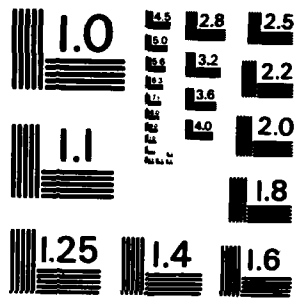
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2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16715
STATION

HELLENIKON AB GR
STATION NAME

73-81

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	98.2	91.5	72.7	47.1	19.6	4.3	68.8	6445
FEB		100.0	100.0	99.9	98.7	93.1	76.0	51.3	21.3	4.6	70.0	5894
MAR		100.0	100.0	99.3	96.0	88.2	70.5	46.8	18.5	4.6	67.7	6434
APR		100.0	100.0	99.2	94.8	84.6	62.6	39.3	13.2	2.4	65.0	6213
MAY		100.0	99.6	97.0	91.2	79.4	56.6	30.9	9.7	1.7	62.2	6528
JUN		100.0	98.9	93.0	81.5	61.1	36.3	16.3	4.5	.4	54.8	6232
JUL		100.0	98.2	89.4	69.7	44.3	22.2	7.5	1.4	.1	49.1	6280
AUG		100.0	98.9	88.9	67.8	40.5	21.1	8.5	2.0	.4	48.5	6335
SEP		100.0	99.9	96.0	81.0	55.2	29.7	11.8	2.6	.2	53.2	6224
OCT		100.0	100.0	98.8	93.5	79.4	54.0	30.2	11.5	2.5	62.4	6473
NOV		100.0	100.0	99.8	97.8	88.8	66.6	44.0	18.6	5.1	67.5	6192
DEC		100.0	100.0	99.8	98.4	93.0	76.4	51.4	20.2	4.8	69.8	6403
TOTALS		100.0	99.6	96.7	89.1	74.9	53.7	32.1	11.9	2.6	61.6	75633

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

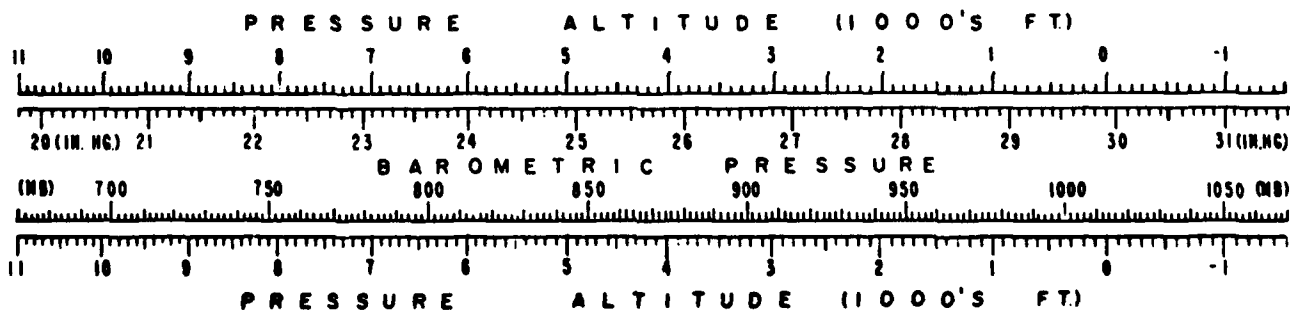
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

16716 HELLENIKON AB GR

73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.969	29.977	30.043	29.915	29.836	29.842	29.811	29.857	29.932	29.961	30.014	29.828	29.901
	S D	.157	.160	.233	.197	.107	.083	.100	.056	.089	.150	.197	.223	.161
	TOTAL OBS	12	7	14	14	33	34	31	31	34	35	34	28	307
	MEAN	30.052	29.970	29.703	29.601	29.824	29.833	29.817	29.844	29.947	29.963	29.994	29.858	29.891
	S D	.200	.173	.386	.168	.118	.100	.090	.070	.107	.121	.202	.226	.172
	TOTAL OBS	16	8	7	10	29	33	20	33	31	28	29	26	270
	MEAN	29.951	29.968	29.747	29.846	29.851	29.851	29.833	29.869	29.950	29.972	30.068	29.793	29.900
	S D	.220	.282		.156	.124	.099	.106	.080	.081	.112	.241	.243	.168
	TOTAL OBS	11	6	3	8	27	35	19	36	29	33	24	24	255
	MEAN	30.128	29.969	29.965	29.853	29.859	29.860	29.825	29.869	29.956	29.970	29.963	29.911	29.916
	S D	.258	.207	.158	.116	.126	.111	.076	.084	.114	.124	.232	.246	.171
	TOTAL OBS	13	15	11	12	35	29	27	30	33	30	30	30	295
	MEAN	30.028	29.974	29.863	29.761	29.819	29.831	29.838	29.858	29.926	29.938	29.994	29.880	29.883
	S D	.235	.204	.237	.240	.144	.087	.080	.080	.099	.137	.219	.222	.159
	TOTAL OBS	9	9	6	9	34	41	29	45	32	37	23	34	308
	MEAN	30.052	29.842	29.942	29.881	29.797	29.847	29.799	29.826	29.904	29.922	30.033	29.868	29.881
	S D	.212	.210	.139	.136	.141	.102	.073	.077	.103	.127	.208	.250	.166
	TOTAL OBS	14	11	15	16	36	34	33	41	27	26	32	28	313
	MEAN	30.034	29.985	29.928	29.898	29.836	29.823	29.821	29.855	29.952	29.962	30.038	29.842	29.903
	S D	.274	.222	.164	.150	.122	.089	.088	.067	.105	.121	.179	.267	.175
	TOTAL OBS	13	11	12	5	30	27	27	29	22	33	26	30	260
	MEAN	30.007	29.971	29.886	29.864	29.867	29.842	29.832	29.867	29.947	29.983	29.984	29.823	29.903
	S D	.293	.228	.173	.152	.124	.093	.098	.087	.115	.114	.217	.204	.164
	TOTAL OBS	16	13	12	12	31	34	28	43	33	41	30	29	322
	MEAN	30.030	29.955	29.918	29.856	29.836	29.841	29.821	29.855	29.939	29.960	30.010	29.852	29.897
	S D	.234	.208	.218	.166	.127	.095	.088	.077	.102	.126	.211	.234	.167
	TOTAL OBS	109	80	80	86	255	267	214	293	241	263	228	229	2330

END

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